

**The Annual Quality Assurance Report (AQAR) of the IQAC**  
**July 2014 – June 2015**  
**Jawaharlal Nehru University, New Delhi**

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

**Part – A**

**AQAR for the year (for example 2013-14)** July 2014 – June 2015

**1. Details of the Institution**

**1.1 Name of the Institution:** Jawaharlal Nehru University

**1.2 Address Line 1** Administrative Building

**Address Line 2** New Mehrauli Road

**City/Town:** New Delhi

**State:** Delhi

**Pin Code:** 110067

**Institution e-mail address:** vc@mail.jnu.ac.in

**Contact Nos.:** 011-26704090

**Name of the Head of the Institution:** Prof. M. Jagadesh Kumar  
Vice Chancellor

**Tel. No. with STD Code:** 011-26704001

**Mobile:** -

**Name of the IQAC Co-ordinator:** Prof. D.K. Lobiyal  
Director (IQAC)

**Mobile:** -

**IQAC e-mail address:** director\_iqac@mail.jnu.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

14995

OR

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

05.07.2012

1.5 Website address:

Jnu.ac.in

Web-link of the AQAR:

<http://www.jnu.ac.in/IQAC/reports.htm>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details:

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.91	2012	July 04, 2017
2	2 <sup>nd</sup> Cycle	-	-	-	-
3	3 <sup>rd</sup> Cycle	-	-	-	-
4	4 <sup>th</sup> Cycle	-	-	-	-

1.7 Date of Establishment of IQAC:

DD/MM/YYYY

January, 2012

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC: (for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

i. AQAR	-	(DD/MM/YYYY)
ii. AQAR	-	(DD/MM/YYYY)
iii. AQAR	-	(DD/MM/YYYY)
iv. AQAR	-	(DD/MM/YYYY)

1.9 Institutional Status:

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI) Yes  No

**Type of Institution** Co-education  Men  Women   
 Urban  Rural  Tribal   
**Financial Status** Grant-in-aid  UGC 2(f)  UGC 12B   
 Grant-in-aid + Self Financing  Totally Self-financing

**1.10 Type of Faculty / Programme:**

Arts  Science  Commerce  Law  PEI (Phys Edu)  
 TEI (Edu)  Engineering  Health Science  Management  
 Others (Specify)

**1.11 Name of the Affiliating University (for the Colleges):**

**1.12 Special status conferred by Central / State Government-- UGC/CSIR/DST/DBT/ICMR etc.: UGC**

Autonomy by State / Central Govt. / University

University with Potential for Excellence	<input type="text" value="UGC"/>	UGC-CPE	<input type="text"/>
DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text" value="UGC"/>	DST-FIST	<input type="text" value="DST"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other (Specify)	<input type="text" value="DST Purse"/>
UGC-COP Programmes	<input type="text"/>		

## 2. IQAC Composition and Activities

2.1 No. of Teachers:	<input type="text" value="10"/>
2.2 No. of Administrative/Technical staff:	<input type="text" value="04"/>
2.3 No. of students:	<input type="text" value="-"/>
2.4 No. of Management representatives:	<input type="text" value="-"/>
2.5 No. of Alumni:	<input type="text" value="-"/>
2.6 No. of any other stakeholder and community representatives:	<input type="text" value="-"/>
2.7 No. of Employers/ Industrialists:	<input type="text" value="-"/>
2.8 No. of other External Experts:	<input type="text" value="03"/>
2.9 Total No. of members:	<input type="text" value="15"/>
2.10 No. of IQAC meetings held:	<input type="text" value="01"/>

2.11 No. of meetings with various stakeholders: No.  Faculty   
Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

### 2.13 Seminars and Conferences (only quality related):

(i) No. of Seminars / Conferences / Workshops / Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes

## 2.14 Significant Activities and contributions made by IQAC:

- IQAC has initiated the process to accommodate changes to be made in the API form for direct recruitment / CAS as per UGC 2013 Regulations.
- During the period IQAC has screened various applications for around 150 posts including promotional faculty for career advancements. The objective is entirely to ensure transparency in selection and ensuring UGC norms are satisfied.
- The API score verification system for both the CAS and direct recruitment is continuing.
- The list of categorized journals sent by every school/centre was created based on inputs from centers and the new lists are made available before a new set of advertisement for faculty positions published.
- Preparation of the Annual Quality Assurance Report (AQAR) of the University on the quality parameters / assessment criteria developed by the relevant quality assurance body in the prescribed format.

## 2.15 Plan of Action by IQAC/Outcome:

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
The process of updation of journal classifications from the Schools/Centres may be continued.	Partial completed and continued.
All Schools in JNU were asked to setup School level committee to suggest methods for improving quality of research including guidance to young faculty members to enhance their abilities for research.	Schools accepted the suggestion. The feedbacks are yet to receive.
Adopting the API Template as per UGC Regulation 2013.	IQAC Committee approved the final recommendation of IQAC. To be placed in Academic Council for approval.
Treatment of translated books under API System.	IQAC decided to give 18 API points for a translated book. It is to be placed in AC.
To work out a method for conversion of Grade Points to Percentage.	Conversion formula developed and adopted by the University.

\* Attach the Academic Calendar of the year as Annexure.

## 2.15 Whether the AQAR was placed in statutory body:

Yes

No

Management

Syndicate

Any other body

Provide the details of the action taken

It will placed in the next Meeting of Academic Council for approval.

## Part – B

### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	79	03		
PG	30	01		
UG	09			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
<b>Total</b>	<b>118</b>	<b>04</b>		

Interdisciplinary				
Innovative				

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options = **CBCS**.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	All programmes follow Semester wise pattern.
Trimester	
Annual	

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback: Online  Manual  Co-operating schools (for PEI)

**\*Please provide an analysis of the feedback in the Annexure**

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Individual Centres regularly update the syllabus.

Syllabus for all programmes has also been modified. Regular review and re-designing of the courses with innovative ideas are taken up by the faculty. Examination reforms regularly discussed in faculty meeting and implemented at various levels. New suggestions are also discussed in faculty meeting.

Following new academic programmes have been started:-

**Direct Ph.D.**

Human Rights Studies (2014-15), Energy Studies (2014-15)

**Pre-Ph.D/Ph.D**

Nano Sciences (2014-15)

**Integrated M.Sc.-Ph**

Molecular Medicine (2015)

**1.5 Any new Department/Centre introduced during the year. If yes, give details.**

-

## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
567	247	216	104	-

#### 2.2 No. of permanent faculty with Ph.D.

530

#### 2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
27	01	28	-	15	02	-	-	70	03

#### 2.4 No. of Guest and Visiting faculty and Temporary faculty

52

09

-

#### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	Faculty participation in no. of National / International Seminar / Conference = <b>1928</b>		
Presented papers			
Resource Persons			

School	No.
SAA	102
SBT	48
SES	109
SC&SS	22
SLL&CS	301
SLS	104
SIS	349
SSS	713
SPS	57
SC&IS	06
SCSS	46
SCL&G	28
SCMM	14
SCNS	29
<b>Total</b>	<b>1928</b>

## 2.6 Innovative processes adopted by the institution in Teaching and Learning:

Innovative remedial classes for weaker students are being organised.

Constant exposure of students to the latest international scholarships inviting scholars as well as literary authors.

Introduced expanded reading materials for visually impaired students.

Regular review and re-designing of the courses with innovative ideas are taken up by the faculty.

Besides the teaching and research programmes, the schools have been engaging methods and ways to stimulate research further and enhance the learning skills of the students by organizing research seminars and national seminar cum technical festival for students from across India.

Setting up of JNU Press, through open Access System, to facilitate publications and wider dissemination of the research work of JNU faculty/Scholars.

From time to time University has conducted training sessions related to computer and internet facility for staff and students.

2.7 Total No. of actual teaching days during this academic year

180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Transparent system exists

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

All

All

All

2.10 Average percentage of attendance of students

NA

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Ph.D.	623					
M.Phil.	611					
M. Tech (Comp. Science/SIT)	37					
M.A.	844					
M.Sc./MCA/MPH	198					
B.A. (Hons.)/(Pass)	224					
Advance Diploma/Diploma/Certificates	64					

B.A. (Hons)/(Pass) (Recognised Institutions)	206					
B.Sc. (Recognised Institutions)	362					
B. Tech (Recognised Institutions)	480					
M. Tech (Recognised Institutions)	29					
B.Sc. (Comp. Sciences)	236					
<b>Total</b>	<b>3914</b>					

### 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- The IQAC committee meets periodically to assess the system of promotion and suggest ways to improve teaching and research activities.
- Recommends modification in API system by including academic/research activities specific to JNU.
- Coordinate with school/centre in dissemination of information on the various quality parameters of higher education.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	242
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	171 (12 from JNU)
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others (short term courses)	15

## 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
<b>Administrative Staff</b>	1243	322	162	Nil
<b>Technical Staff</b>				

### Criterion – III

#### 3. Research, Consultancy and Extension

##### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

There is separate cell related to R&D.

##### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	392		
Outlay in Rs. Lakhs			33,68,92,796/-	

##### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	01	01 Year	
Outlay in Rs. Lakhs			45,000/-	

##### 3.4 Details on Research Publications:

	International	National	Others
Peer Review Journals	19 (SCMM) 03 (CPS, SSS) 02 (CKS, SLL&CS) 03 (CIPOD, SIS) 01 (CFFS, SLL&CS) 03 (CMS, SSS) 95 (SES) 01 (CES, SLL&CS) 12 (CHS, SSS) 19 (CITD, SIS) 80 (SCSS) - 50 (SCNS) 11 (SAA) 28 (CESP, SSS) 75 (SPS) 58 (SCIS) 02 (CSPILAS, SLL&CS) -	05 (CPS, SSS) 03 (CFFS, SLL&CS) 01 (CRS, SLL&CS) 01 (CMS, SSS) - - 11 (SES) 07 (CES, SLL&CS) 08 (CHS, SSS) 03 (CITD, SIS) - 05 (CES, SIS) - 09 - - - 02 04 (CIS&LS, SSS)	- - - - - - 07 (SES) - - - - - - - - - -

Non-Peer Review Journals	03 (CIPOD, SIS) - 03 (SES) - - - - - 09 (SAA)	01 (CPS, SSS) 03 (CIPOD, SIS) - 08 (CES, SLL&CS) - 02 (SCSS) 11 (CCPPT, SIS) 03 (CWS, SSS) -	- - 04 (SES) - 01 (CHS, SSS) - 05 (CCPPT, SIS) - -
e-Journals	01 (CMS, SSS) 01 (CES, SLL&CS) 01 (SCSS)	- 09 (CES, SLL&CS) 03 (SCSS)	- - -
Conference proceedings	01 (CPS, SSS) 03 (CKS, SLL&CS) - 19 (SES) - - 08 (CITD, SIS) 11 (SCSS) 2 (SPS)	01 (CPS, SSS) 02 (CKS, SLL&CS) 04 (CSDE, SSS) 05 (SES) 05 (CES, SLL&CS) 03 (CHS, SSS) 08 (CITD, SIS) 11 (SCSS) -	09 (CKS, SLL&CS) - - - - - - - - -

**Note: Detailed list of Faculty Publication is attached at Annexure (i).**

### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

School/Centre	Range	Average	h-index	Nos. In SCOPUS
SCMM	2.0-7.0	4.00	-	-
CPS, SSS	-	-	29	-
SES	0.38.13	3.13	7.615 (Avg.) 99 (total)	181
SC&SS	0.14-6.01	0.91	-	80
CWS, SSS	-	-	-	06
SPS	0.150-11.996	2.278	12.07	74
SCIS	0.720-20.033	3.5074	-	-

**3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations:**

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2014-15	DBT, DST, CSIR, ICMR, ICSSR, ICHR, UGC, Foreign, Other	33,69,37,796.00	33,69,37,796.00
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total				

**3.7 No. of books published** i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

School/Centre	With ISBN No.	Without ISBN No.	Chapters in Edited Books
SCMM	02	-	02
CPS, SSS	03	-	14
CPS, SLL&CS	02	-	03
XIPOD, SIS	01	-	08
CGS, SLL&CS	02	-	-
CFFS, SLL&CS	08	-	04
CSDE, SSS	01	-	01
CRS, SLL&CS	-	01	-
CMS, SSS	01	-	06
SES	15	-	14
CES, SLL&CS	03	-	03
CHS, SSS	07	-	33
CITD, SIS	01	-	09
SCSS	08	-	05
CES, SIS	02	-	19
CCPPT, SIS	-	02	06
CWS, SSS	-	-	02
SCNS	-	-	03
SAA	03	01	21
CESP SSS	01	01	13
CIPS, SIS	04	-	07
SPS	04	-	04

SCIS	04	-	-
CSPILAS, SLL&CS	02	-	01
CIS&LS, SSS	-	08	03
<b>Total</b>	<b>73</b>	<b>13</b>	<b>181</b>

**No. of Books Published – 134**  
**No. of Chapters in Books – 309**

**3.8 No. of University Departments receiving funds from:**

UGC-SAP	<input type="text" value="02"/>	CAS	<input type="text" value="02"/>	DST-FIST	<input type="text" value="01"/>
DPE	<input type="text" value="-"/>	DBT Scheme/funds	<input type="text" value="01"/>		
Any Other	<input type="text" value="         UPE – 1&lt;br/&gt;         Area Study Programme – 5&lt;br/&gt;         Others - 2"/>				

**3.9 For colleges**

Autonomy	<input type="text"/>	CPE	<input type="text"/>	DBT Star Scheme	<input type="text"/>
INSPIRE	<input type="text"/>	CE	<input type="text"/>	Any Other (specify)	<input type="text"/>

**3.10 Revenue generated through consultancy**

**3.11 No. of Conferences organised by the Institution: = 232**

School/Centre	Level	International	National	State	University	College
SCMM	Number	-	01	-	-	-
	Sponsoring agencies	-	ICMR & JNU	-	-	-
CPS, SSS	Number	02	03	-	17	-
	Sponsoring agencies	ICSSR, UGC-D SA	ICSSR, UGC- DSA, JNU	-	JNU	-
CKS, SLL&CS	Number	03	-	-	-	-
	Sponsoring agencies	Dongguk University, Academy of Korean Studies	-	-	-	-
CIPOD, SIS	Number	03	06	02	14	-
	Sponsoring agencies	-	-	-	-	-

CGS, SLL&CS	Number	02	-	-	-	-
	Sponsoring agencies	German Academic Exchange Service	-	-	-	-
CFFS, SLL&CS	Number	-	01	-	-	-
	Sponsoring agencies	-	JNU	-	-	-
CSDE, SSS	Number	-	02	-	-	-
	Sponsoring agencies	-	ICSSR, NACDOR	-	-	-
CMS, SSS	Number	-	01	-	01	-
	Sponsoring agencies	-	-	-	-	-
SES	Number	03	02	-	-	-
	Sponsoring agencies	United Nations/APN URS/RCRS/INSA	DST UGC-DSA-SAP	-	-	-
CES, SLL&CS	Number	-	03	-	-	-
	Sponsoring agencies	-	-	-	-	-
CHS, SSS	Number	06	-	-	22	-
	Sponsoring agencies	UGC-SAP-CAS/CHS/ICHR/ICSSR	-	-	JNU	-
CES, SIS	Number	03	-	-	-	-
	Sponsoring agencies	Jean Monnet Chair	-	-	-	-
CCPPT, SIS	Number	01	-	-	-	-
	Sponsoring agencies	ICSSR	-	-	-	-
CWS, SSS	Number	07	01	01	07	-
	Sponsoring agencies	JNU	JNU	JNU	JNU	-
SCNS	Number	01	-	-	-	-
	Sponsoring agencies	JNU, DST, DRDO	-	-	-	-
SAA	Number	02	02	-	-	-
	Sponsoring agencies	UGC Ukeri JNU	JNU	-	-	-
CESP, SSS	Number	02	1+3	-	-	-
	Sponsoring agencies	Action Air, ICSSR	CAS, Action Aid, ILO, IHD	-	-	-

CIPS, SIS	Number	-	-	-	5	-
	Sponsoring agencies	-	-	-	JNU	-
SPS	Number	01	-	-	-	-
	Sponsoring agencies	ICTP, Italy and SERB, DST, India	-	-	-	-
SCIS	Number	-	-	-	04	-
	Sponsoring agencies	-	-	-	DST, COE DBT	-
CSPILAS, SLL&CS	Number	02	02	-	-	-
	Sponsoring agencies	JNU & European Consortium (Erasmus Mundus) and University of Valladolid under MoU with JNU.	JNU	-	-	-
CIS&LS, SSS	Number	06	06	-	-	-
	Sponsoring agencies	-	-	-	-	-

School	No.
SAA	06
SBT	01
SES	05
SC&SS	-
SLL&CS	82
SLS	13
SIS	53
SSS	56
SPS	02
SC&IS	04
SCSS	06
SCL&G	03
SCMM	01
SCNS	-
<b>Total</b>	<b>232</b>

### 3.12 No. of faculty served as experts, chairpersons or resource persons: = 565

School/Centre	Nos.
SCMM	07
CPS, SSS	21
CKS, SLL&CS	02
CIPOD, SIS	12
CGS, SLL&CS	05
CFFS, SLL&CS	05
SDE, SSS	01
CRS, SLL&CS	01

CMS, SSS	01
SES	23
CES, SLL&CS	04
CHS, SSS	28
CITD, SIS	06
SCSS	08
CES, SIS	05
CCPPT, SIS	05
CWS, SSS	03
SAA	07
CESP	19
CIPS, SIS	03
SPS	08
SCIS	07
CSPILAS, SLL&CS	14
CIS&LS, SSS	04

**3.13 No. of collaborations:**

International	MOUs - 30 AOCs - 15	National	MOUs - 09	Any other	-
---------------	------------------------	----------	-----------	-----------	---

**3.14 No. of linkages created during this year** 03 (Student Exchange Agreements)

**3.15 Total budget for research for current year in lakhs:**

From Funding agency	<span style="border: 1px solid black; padding: 2px;">33,69,37,796.00</span>	From Management of University/College	<span style="border: 1px solid black; padding: 2px;">-</span>
Total	<span style="border: 1px solid black; padding: 2px;">33,69,37,796.00</span>		

**3.16 No. of patents received this year**

Type of Patent		Number
National	Applied	01
	Granted	-
International	Applied	01
	Granted	-
Commercialised	Applied	-
	Granted	-

**3.17 No. of research awards / recognitions received by faculty and research fellows of the institute in the year**

Total	International	National	State	University	Dist	College
112						

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events: Total 500 students participated in different events.

University level  State level   
National level  International level

3.23 No. of Awards won in NSS:

University level  State level   
National level  International level

3.24 No. of Awards won in NCC:

University level  State level   
National level  International level

3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

### 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility:

- **Special Centre for Molecular Medicine (SCMM)** has been in the forefront in training young scientist, clinical and non-clinical, who wish to either pursue in basic medical research or spend short periods in research during their clinical training. A workshop on “Molecular Biology Techniques in Health & Medical Sciences” was organised to give a hands on training in the state of the art Molecular/cell biology techniques relevant to the areas of molecular medicine. The feedback from the participants was very positive.
- **CKS, SLL&CS** – An Intensive Short term Program in Hindi Language & Indian Culture was conducted for the students of Busan University of Foreign Studies, ROK. A talk by Prof. Mun-Woong Lee, Professor Emeritus, Department of Anthropology, Seoul National University, “Dynamics of Korean Culture in Cross-cultural Perspective”. Book Release by Prof. Vyjayanti Raghavan (co-authored) titled *Sino-Indian and Sino-South Korean Relations* by Rector, Prof. Sudha Pai. Interaction of students and faculty with Korean Writers at the event ‘Meet the Writers’ organised by Sahitya Academy, New Delhi.
- **CIPOD, SIS** – 20 talks, lectures in India & abroad by centre faculty. 37 interventions by faculty in print and visual media.  
**CGS, SLL&CS** – Centre organised The German Week, which consisted of an international conference of the theme of The South, a workshop for young scholars of German Studies on Aesthetics of Antiquity, and a symposium where these young scholars from all over India presented their research work. A two day workshop was organised with the help of visiting scholars from the University of Vienna, Austria on the theme Project Austria. As part of the departmental understanding which the Centre has with the University of Wuppertal, Germany, a two day workshop was organised with the help of visiting scholars on Genre and Narrativity. A one day seminar on literary translation was organised with Sampark involving authors and poets from Slovenia. The Centre continued to have an active Departmental Lecture Programme under which several lectures by eminent scholars from India and foreign universities were organised. The themes covered were broadly: Literary Translation, The idea of Europe, Germany and Colonialism. The students of BA put up a skit in German as part of the process of learning German as a foreign language. The translation project with the University of Wuppertal made steady progress with six German students from Wuppertal the counterparts of the six student translators from the Centre visiting JNU for a period of three months. The theme of the selected texts for translation from German into Hindi is Classical Modernity.
- **CRS, SLL&CS** – Centre had organised a special lecture in January on “Monuments of Famous Indians in Russia and Russians in India” by Ms. Anna V. Bochkovskaya, Associate Professor, Moscow State University, Moscow. Organised a Professional Development Programme on Methodology of teaching Russian as Foreign Language conducted by Dr. Yakhinalsanona Dilyara and Natalya Petrovna Sidorina, the teachers from Institute of Philology and Journalism, N.G. Chernishev Saratov State Pedagogical University with the support from Minister of Education and Science of the Russian Federation in collaboration Centre of Russian Studies at CRS, JNU. A National Workshop cum conference “e-PG: Russian Studies” organised by the Maharaja Sayajirao University of Baroda, Vadodara in collaboration with the Centre of Russian Studies at JNU. Most of the faculty members are coordinators and content writers for the “e-PG: Russian Studies in collaboration with Maharaja Sayajirao University of Baroda, Vadodara.

Centre published its journal: Critic No. 12, JNU, New Delhi, December 2014. ISSN: 2229-7146 (Chief Editor: Prof. N.S. Roomi, editorial board Kiran Singh Verma, Ajoy K. Karnati, Sonu Saini.

The centre has implemented a new B.A. Syllabus from the Academic year 2014-15.

- **CMS, SSS** – Contributions to discussions related to education/other national issues organised by public broadcasters (Lok Sabha TV & Rajya Sabha TV)  
Orientation programme for UGC/HRDC, JNU.
- **CES, SLL&CS** – Conferences organised-03, Talks & lectures-06, Lectures delivered outside the University-23, International conferences-23, National conferences-45.
- **CHS, SSS** – Field study with students to archaeological sites. Visiting Groups to the Centre.
- **CITD, SIS** – The centre is a part of the partnership of 9 universities across the world for the (DAAD Partnership on Economic Development Studies HTW).
- **CES, SIS** – Centre organised seven lectures, regularly to increase visibility of the focus area-Europe/European Union and the Centre.
- **SCNS** – Initiation and coordination of interdisciplinary project on “Nanostructure function analysis of thin films by advanced TEM techniques for novel anti-biofilm materials” in collaboration with 4 other JNU faculty members. Lectures on electron microscopy at nearby institutes and universities.
- **CESP, SSS** – Faculty regularly participates in seminars and public events and contributes to a critical analysis of economic development issues. Many former students of CESP are working in academia, in industry, in non-governmental organisations and in government. They are contributing to policy making, to teaching and research, in public outreach and also working in the private corporate sector.
- **SPS** – An academic field trip to Nainital was organised for students.
- **SCIS** – Organised “Open Day”.
- **CSPILAS, SLL&CS** – Joint activities organised with the European Consortium (Erasmus Mundus) under Multiele Program – Training of Teachers of Spanish in International Contexts. Assisted Doon University, Dehradun in consolidating and upgrading Spanish language teaching program.
- **CIS&LS, SSS** – International conference organised on Women and Land Rights: “Theory and Experience from the field: Fostering Rural Women’s Access & Ownership to Land and Collectives” in association with Action Aid India. International conference organised on “Labouring Women: Some Major Concerns at the current Juncture” with ICSSR Northern Regional Centre and UN Women. An International workshop on “Political Economy of Cross-Class alliances in India” in association with University of Denver supported by ICSSR and JNU.

## **Criterion – IV**

### **4. Infrastructure and Learning Resources**

#### **4.1 Details of increase in infrastructure facilities:**

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	1019.38 Acres	-		1019.38 Acres
Class rooms	164			164
Laboratories	217			217
Seminar Halls				
No. of important equipments purchased (≥ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

#### **4.2 Computerization of administration and library**

##### **Application Software Developed / Procured / In Use**

Unit / Department	Name of the IT Application	Functional Area Covered	IT System Architecture	Operating System	Application Software	Network Software	Hardware Including Terminal Employed	Operated by Organization Staff / Service Provider	Maintenance of the System (In-house/ Service Provider)
E-Governance	UPE2 Online Application System	UPE2 Projects Management	Web Based	CENT OS 6.X (Linux)	Browser	NIL	Existing	Organisation Staff	In-house developed software
E-Governance	Pharmacy Inventory & Distribution Software	Pharmacy Inventory & Distribution Software	Web Based	CENT OS 6.X (Linux)	Browser	NIL	One Server	Organisation Staff	In-house
CIS	Online Health Specialist Appointment	Health Centre Online Specialist OPDs Appointment	Web Based	Windows Server 2012	Browser	NIL	Existing	Organisation Staff	In-house

E-Governance	eOffice	eOffice Software (NIC) (eFile, Personal Information Mgmt. System, eLeave, eService Book, eTour, Knowledge Management System)	Web based	Hosted by NIC	Browser	NIL	Existing	NIC/NIC SI	NIC/NIC SI
E-Governance	OCR (Online Consumable Register)	Consumable stock for Estate Deptt., Consumable stock for Health Center	Web based	Windows server 2012	Browser	NIL	Existing	Organisation Staff	In-house
E-Governance	Digital Signature	Digital Signature Certificate (1000 Nos.)	Digital Signature (JAVA Based)	NA	NA	NIL	Existing	NICSI	NICSI
E-Governance	Students Registration System	MIS	Web based	CENTOS 6.3 X (Linux)	Browser	NIL	Existing	Organisation Staff	In-house
E-Governance	Result Processing System	MIS	Web based	CENTOS 6.X (Linux)	Browser	NIL	Existing	Organisation Staff	In-house
E-Governance	Thesis Tracking System	MIS	Web based	CENTOS 6.X (Linux)	Browser	NIL	Existing	Organisation Staff	In-house
E-Governance	Fees Register	Fees Register	Desktop Application	XP		NIL	1 Pc	Organisation Staff	In-house
E-Governance	Project Information System	MIS	Client server	XP		NIL	2 PC	Organisation Staff	In-house
E-Governance	Helpdesk Systems	Complaint Management System	Web based	CENTOS 6.X (Linux)	Browser	NIL	Existing	Organisation Staff	In-house

### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	29201		78		29279	
Reference Books	10505		176		10681	
e-Books	37718		863	3,517,075.00	38581	
Journals	254	3,333,637.00	Nil	No addition	254	3,333,637.00
e-Journals	67	5,919,161.00	Nil	No addition	67	5,919,161.00
Digital Database	33	40,374,654.00	Nil	No addition	33	40,374,654.00
CD & Video	2000		250		2250	
Others (specify)						

### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	2016	-	5000	14	01	108	135	-
Added	100	-	500	3	-	-	-	-
<b>Total</b>	<b>2116</b>	<b>-</b>	<b>5500</b>	<b>17</b>	<b>01</b>	<b>108</b>	<b>135</b>	<b>-</b>

### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Wi-Fi activation over Optical Fibre Network at new extension buildings namely School of Social Sciences-3, School of Language-2 and School of International Studies.
- Established VPN connectivity between JNU network and Hostels to access service over the MTNL broadband.
- Upgradation and deployment of UTM Boxes in High Availability Mode at CIS Data Centre for the perimeter security protection and URL filetering.
- Network up gradation 100 Mbps to 1000 Gbps on access layer at Admin block, School of life Science and School of Language.
- Strengthen the WiFi services at the Central Library seating halls by relocating of existing WiFi Access Points and deployed additional 10 WiFi APs.
- Commissioned 10 Mbps Internet Link as redundancy internet services in case of failure of NKN services and integration with JNU network.
- Installation of WiFi facility made available in the entire Damodar Hostel, Old CRS Building.
- Migration of JNU Mail Services for Staff and Faculty onto NKN Cloud Services.
- Deployed JNU Private Cloud for the ICT and eGovernance Applications of the university.
- Installation of Fire Alarm System at Data Center and Central UPS room.
- Established Rate Contract for Purchasing of New Laptops and Desktops, MFD's and frequently used hardware items in the university.

- Installation of dedicated Server in Health Center for their eGovernance Applications as standby server.
- Deployment of Central Antivirus Server and AV endpoint installation.
- JNUEE and CEEB Admission process (pre and post) including Online Application and Result Processing System established.

#### ICT Trainings conducted by CIS to Enhance the ICT Skills of the staff:

S. N o.	Type of Training Programme	No. of Participants	No of training	Program Date	Program Time	Sections
1	<b>ICT Skill development</b> for 3 days each	11+15+14 =50	3	<b>P1:</b> 17-19/02/2014 <b>P2:</b> 24-26/02/2014 <b>P3:</b> 9-10/10/2014	<b>T1:</b> 2:00 to 5:00 PM <b>T2:</b> 2:00 to 5:00 PM <b>T3:</b> 2:00 to 5:00 PM	Staff (Administration, Finance, Admission & Schools)
2	ICT Skill Development for <b>Hindi Implementation</b>	10+12+12 =34	3	<b>P1:</b> 17/07/2014 <b>P2:</b> 08/08/2014, <b>P3:</b> 08/08/2014	<b>T1:</b> 11:00 to 12:00 PM, <b>T2:</b> 10:00 to 12:30 PM, <b>T3:</b> 2:30 to 5:00 PM,	Staff ( CIS, Administration, Security, Engineering)
3	<b>Network Troubleshooting &amp; Infra Maintenance/IT Structure Ops Management</b>	24+25 =49	2	<b>P1:</b> 07/5/2014 <b>P2:</b> 10/6/2014	<b>T1:</b> 9:30 to 1:00PM <b>T2:</b> :9:30 to 5:30 PM	Technical Staff of Schools
4	<b>Students' Life Cycle - School/Center</b> User Level Training	27+18+17 =55	3	<b>P1:</b> 08/07/2014, <b>P2:</b> 08/07/2014 <b>P3:</b> 09/07/2014	<b>T1:</b> 10:00 to 11:30 AM, <b>T2:</b> 2:30 to 4:00 PM, <b>T3:</b> 10:00 to 11:30 AM	Staff of Schools/centres
5	<b>Students' Life Cycle - Admission process</b> Administrator Level	5	1			Staff of Admission-I & II
6	<b>Students' Life Cycle - Evaluation Process</b> Administrator Level	5	1			Staff of Evaluation Section
7	<b>Students' Life Cycle - Hostel Process</b> User Level	17+10+12+10 =49	4	<b>P1:</b> 29/04/2014 <b>P2:</b> 01/05/2014 <b>P3:</b> 05/05/2014 <b>P4:</b> 07/05/2014	<b>T1:</b> 2:00 to 5:00 PM <b>T2:</b> 2:00 to 5:00 PM <b>T3:</b> 2:00 to 5:00 PM <b>T3:</b> 2:00 to 5:00 PM	Staff of Hostels
8	<b>CPP Portal</b> Training	14	1	<b>P1:</b> 23/07/2014	<b>T1:</b> 12:00 to 1:00 PM	
9	<b>eOffice Training Master Trainer Level</b> (for 3 days each)	60	2	<b>P1:</b> 1-3/12/2014 <b>P2:</b> 4-6/12/2014	<b>T1:</b> 9:30 to 5:30 PM <b>T2:</b> 9:30 to 5:30 PM	JNU staff
10	<b>eOffice Training UserTrainer Level</b> (for 3 days each)	60+60+60+60+60 = 300	5	<b>P1:</b> 8 - 10/12/2014 <b>P2:</b> 11 - 13/12/2014 <b>P3:</b> 15 - 17/12/2014	<b>T1 to T5:</b> 9:30 to 5:30 PM	JNU staff

S. No.	Type of Training Programme	No. of Participants	No of training	Program Date	Program Time	Sections
				P4: 18 to 20/12/2014 P5: 22 to 24/12/2014		

**Also conducted the following ICT seminars, technical sessions:**

- Digital India Week Programme conducted
- Video conferencing established for the Presidential Address to all Universities (twice in a year)
- Good Governance Day Sessions arranged
- SPSS Training organised for jnu students and faculty

**Implementation of the following eSchemes launched by MHRD/UGC**

S. No.	Name of Scheme	Nodal Officer Contact details	Activities to be done
1.	Students related grievances/issues " <b>Online Students' Grievance Redressal Portal</b> " to be launched by UGC <a href="http://www.ugc.ac.in/grievance/">http://www.ugc.ac.in/grievance/</a>	Shri Pankaj Kumar Maurya Deputy Registrar (Admission) JNU. Email : dr_admissions@mail.jnu.ac.in Phone: 011-26742617(O), 9555612353(M)	Data to be uploaded on Online Students' Grievance Redressal Portal on regular basis
2.	Coordination and collection of data from University Departments <b>AISHE "All India Survey on Higher Education"</b> at <a href="http://aishe.gov.in">http://aishe.gov.in</a>	<b>Shri Pankaj Kumar Maurya</b> Deputy Registrar (Admission), JNU Email: dr_admissions@mail.jnu.ac.in Phone: 011-26742617(O), 9555612353(M)	University data to be uploaded on <a href="http://aishe.gov.in">http://aishe.gov.in</a> web portal : 1) Institution's Basic Details 2) Teacher's Details 3) Details of Non-Teaching Staff 4) Programme conducted under various Faculties /Schools & Departments /Centres 5) Students enrolled in these Programme 6) Examination result of terminal year of each Programme 7) Financial Information such as Receipt and Expenditure under various heads 8) Availability of Infrastructure 9) Scholarships, Loans & Accreditation
3.	Uploading and publication of data on the MHRD portal <a href="http://cmsinst.nic.in">http://cmsinst.nic.in</a>	Shri Uma Kant Aggarwal Deputy Registrar (Academic), JNU Email: dr_acad@mail.jnu.ac.in Phone: 011-26704050(O), 9968217990(M)	University data to be uploaded on <a href="http://cmsinst.nic.in">http://cmsinst.nic.in</a> web portal : 1. Institution profile 2. Announcement 3. Events 4. Multimedia 5. Scholarship 6. Student exchange program 7. success stories 8. vacancy positions
4.	Uploading the requisite data in respect of University on the web portal <a href="http://cup.nic.in">http://cup.nic.in</a>	Shri Uma Kant Aggarwal Deputy Registrar (Academic) JNU	University data to be uploaded on the <a href="http://cup.nic.in">http://cup.nic.in</a> web portal : 1. University Name

		Email: dr_acad@mail.jnu.ac.in Phone: 011-26704050(O), 9968217990(M)	2.Name, Designation, Tenure of VC, Registrar, FO, CE, Librarian etc. 3.EC members 4.AC members 5.Court members 6.Faculty recruitment list 7.Act & Statutes 8.Academic Ordinances 9.Rules & Regulations
5.	To complete the University's registration at "eschemes" Portal developed by the UGC  <a href="http://www.eschemesugc.gov.in/">http://www.eschemesugc.gov.in/</a>	Shri Sanjeev Kumar Director, CIS, JNU Email: sanjeev@mail.jnu.ac.in Phone: 011-26704116 (O), 9810817174 (M)	Data to upload on <a href="http://ugc.ac.in">http://ugc.ac.in</a> web portal : 1. enhance office efficiency 2. processing of proposals for funding 3. mis-appropriation of public funds 4. reduce paper-work 5. enhance effectiveness in management of schemes, grants, budget & finance 6. establish reliable MIS
6.	For <b>monitoring and redressal /disposal of public related grievances</b> pertaining to the JNU <a href="http://pgportal.gov.in/">http://pgportal.gov.in/</a>	Prof. Bhupinder Zutshi Registrar, JNU Email: registrar@mail.jnu.ac.in Phone: 011-26704005 (O)	Public Grievances
7.	FRRO (Foreigner Regional Registration Office)  <a href="http://indianfrro.gov.in/frro">http://indianfrro.gov.in/frro</a>	Shri Pankaj Kumar Maurya Deputy Registrar (Admission) JNU. Email : dr_admissions@mail.jnu.ac.in Phone: 011-26742617(O), 9555612353(M)	FRRO for foreign students visa validation.
8.	RTI MIS Web portal  <a href="http://rtionline.gov.in">rtionline.gov.in</a>	Sh. Jagdish Singh CPIO & Administrative Officer Jawaharlal Nehru University New Delhi - 110067	RTI Matters
9.	Know your college/universityportal <a href="http://www.knowyourcollege.gov.in/">http://www.knowyourcollege.gov.in/</a>		University information (profile, stature, ranking and grading and other vital information)
10.	National eScholarship Portal <a href="http://registrations.scholarships.gov.in/">http://registrations.scholarships.gov.in/</a>	Controller of Examinations	Validation of the application of students scholarships by the university/ college
11.	Vidwan Project for Expert Database	Nodal office is Central Library	Email dated 22/09/2014

#### 4.6 Amount spent on maintenance in lakhs:

##### i) ICT

Rs.16,61,000.00 (Cyberoam Firewall) Rs.1.99 Crores (eOffice) Rs. 19,90,692.00 (Network Switches) Rs. 28,700.00 (UPS 27 Nos.) Rs. 14,816.00 (LAN expansion in CESP) Rs.5,42,548.00 (Desktop AMC Charges) Rs.2,42,250.00 (Printer AMC Charges) Rs.3,65,731.00 (Antivirus)
--

ii) Campus Infrastructure and facilities

iii) Equipments

iv) Others

**Total :**

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services:

On the proposal of IQAC faculty members are awarded API points for number of contact hours spent for guiding the M.Phil/Ph.D. This encourages faculty to spend more contact hours with the students.

#### 5.2 Efforts made by the institution for tracking the progression:

Introduced and upgraded online applications for admission and created single-window registration of students.

University is on move towards e-office system and a number of initiatives have been taken in this regard to ensure early implementation of the systems.

Online complaint management system.

### Centre/School wise

**SCMM-** Respective supervisors/faculty write the recommendation for the job & placement of the students at various national and international institutions. SCMM also conduct bi-monthly seminars of the students and train them about scientific interests.

**CKS, SLL&CS-** Systematization of grading procedure. Remedial courses. Student faculty collaboration through SFC meets.

**CIPOD, SIS-** Pre-submission presentation and participation in National and International conference with ISA, AIS convention.

**CRS, SLL&CS-** Faculty advisors pointed in each year to monitor the progress of these students. Remedial classes being organised for weak students.

**CMS, SSS** – Periodic assignments and presentation to concerned teaching faculty / all CMS faculty.

**CITD, SIS** – Arranging/holding remedial coaching classes for the SC/ST/OBC and Minority students for the compulsory courses in MA Economics (with specialization in world economy) students in the department to help students and to ensure that they have no problems in coping with the M.A. classes.

**CES, SIS** – Regular interaction with M.Phil / Ph.D research scholars.

**CCPPT, SIS** – Arrange discussion of term paper, Ph.D. workshops in each semester, mid and final term examination.

**CHS, SSS** – The centre regularly organises weekly meetings / mid-term assessments and informal discussions with students. The centre also offers courses in remedial English subjects. There is also an annual conference of the research students every year. In addition there is a programme for editorial assistance for students, helping them in improving their writing skills with regard to their papers and dissertations.

**CWS, SSS** – Interactive Session with Dr. Smriti Basu, Visiting Scholar at CWS, Department of Gender and Women Studies, University of Kentucky. Research writing workshop with students conducted by faculty. Regular meetings and discussions with supervisors.

**CESP, SSS** - Progress of students is closely monitored through not just exams but also through regular class assignments, term papers, presentations and viva voce. Students are required to be in regular one-to-one contact with teachers through a system of contact hours.

**SPS** - Students are given homework assignments regularly that are graded and also two quizzes and one mid-term exam so the students have a continuous assessment of their

progress. Most of the courses have a one hour tutorial each week that is focused towards problem-solving and discussions regarding the material covered in the lectures to help students check their understanding and clear doubts.

Students are encouraged to participate actively in classes and are trained to solve problems on the spot. This helps to improve the problem solving skills of the students.

The School organizes a student faculty committee meeting every semester to provide a platform for the students to have open discussions with the faculty about their concerns/problems and receive active feedback on the same.

The School presently offers a Masters in Physics and Ph. D. degrees in Physics, Chemistry and Mathematics. For every course and stream, the school assigns student advisors to monitor the progress of students on a more day-to-day basis. The students are encouraged to approach the student advisors on a personal basis as well.

**SCIS** – Periodic Students Seminar, Faculty level consultancy, Research Advisory Committee.

**CIS&LS, SSS** – Presentation of Ph.D. students every semester.

**5.3 (a) Total Number of students**

UG	PG	Ph. D.	Others
905	2150	5219	158

(b) No. of students outside the state

(c) No. of international students

No	%
4198	49.79

Men

No	%
4234	50.21

Women

**Note:** Number and ratio of Men and Women is from total number of students.

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total*
3480	1201	643	2434	219	7977	3493	1188	632	2568	213	8432

**Note** (\* the total figure is inclusive of international students)

Demand ratio

Dropout %

**5.4 Details of student support mechanism for coaching for competitive examinations (If any)**

No. of students beneficiaries

#### 5.5 No. of students qualified in these examinations:

NET	<input type="text"/>	SET/SLET	<input type="text"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text"/>

#### 5.6 Details of student counselling and career guidance:

Placement and counselling facility is provided to the students at School level and faculty members are deputed to coordinate the process.

#### School/Centre wise details

**CIPOD, SIS** – A general presentation is made by one of the faculty members to the centre students at the beginning of the session. 130 no. of students benefitted.

**SCMM-** Faculties counselled students and teach them for appearing in NET/JRF Fellowships exams of various funding agencies i.e. CSIR, UGC, ICMR, DBT, DST, UGC-SAP etc. 22 no. of students benefitted.

**CPS, SSS-** The centre has followed a practice of holding an orientation of students when they enter the MA and M.Phil programmes. In addition all students are allotted advisors who meet them on an assigned day every semester to respond to and advise them on their queries on career options. The advisors also help students address any difficulties that students may be facing in adjusting to unfamiliar surroundings in a new campus. The centre is also reviving a past practice whereby a directory of the centre alumni in different fields was prepared to facilitate the current students getting in touch with them. 80 no. of students benefitted.

**CKS, SLL&CS-** Counselling and career guidance for 3<sup>rd</sup> year BA, 2<sup>nd</sup> Year MA students prior to their graduation. 15 no. of students benefitted.

**CGS, SLL&CS-** Centre continued to offer Remedial Courses at various levels of the Five Year Integrated MA programme. Roughly about 35 no. students benefitted from the additional counselling and help they received from these courses.

**CRS, SLL&CS-** Periodical meetings with the students to know about their problems and for counselling / career guidance.

**CES, SLL&CS** – Two counsellors are available for counselling/career guidance.

**CITD, SIS** – Students are always welcomed by faculty members to discuss their studies and resolve their problems. The class representatives are welcome to bring issues to the administration/faculty for resolution.

**SCSS** – Remedial coaching class, special lectures / seminars / workshops.

**CES, SIS** – Career Counselling committee of the centre headed by Dr. Sheetal Sharma dealt with career related queries of the students regularly.

**CHS, SSS** – One to one student counselling in small groups every week. Students advisors, student faculty (SFC) meeting.

**CESP, SSS** – Each student is assigned a faculty advisor / supervisor who regularly monitors their progress and advises the student about choices of courses, helps identify and deal with their weaknesses as well as guide them about other aspects of their career.

**CIPS, SIS** – Done on a regular basis as and when required or as and when sought.

**SPS** - While student advisors are assigned for every program of study with an important goal of providing career guidance to the students, the school maintains an open door policy for all faculty members where the student can interact with any faculty member.

As the majority of the Masters students are interested in pursuing careers in research, the students are encouraged to apply for summer research programs in their first year at other

premier institutions in India. In order to provide research training to the students, the M. Sc. Coursework in the fourth semester introduces a mandatory research project where the students get attached to a research advisor of their choosing and gain hands-on experience of working in a research group.

Ph. D. students also receive guidance from Ph. D. advisors. The first year of the Ph. D. program is spent taking basic courses in their areas of study to equip them better for tackling their research problem. Students are encouraged to present their work at conferences in India and abroad.

The school organized a yearly In-House Colloquium, with the objective of providing a common platform to the faculty members and research scholars of SPS to share their new research advances and exchange ideas within the School. The school also organizes.

Special seminars and programs were being arranged for career opportunities in India as well as abroad.

**SCIS** - Faculty incharge meets students, GAC advises regarding students.

**CSPILAS, SLL&CS** – Several students benefitted from career guidance and got scholarships for higher studies in India & abroad.

#### No. of students benefitted

CIPOD, SIS – 130
SCMM – 22
CPS, SSS – 80
CKS, SLL&CS – 15
CGS, SLL&CS - 35
SES – 186
CES, SLL&CS - 25
SCSS – 200
CHS, SSS – 493
CESP, SSS – all
CIPS, SIS - 05
SPS – all
SCIS - all

#### 5.7 Details of campus placement:

Placement facility is provided to the students at School level and faculty members are deputed to coordinate the process.

School/Centre	<i>On campus</i>			<i>Off Campus</i>
	Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
CKS, SLL&CS	02	15-20	4-5	-
CITD, SIS	07	35	11	-
SCSS	20	25	10	08

## 5.8 Details of gender sensitization programmes:

In order to create the right social ambience and to meet the security concerns of the JNU community, the University has established a Gender Sensitization Committee against Sexual Harassment (GSCASH).

Gender Sensitisation Committee Against Sexual Harassment (GSCASH) collaborated with Sports Office for organizing a self defence workshop (Judo) on 31.07.2014 where women trainers from Delhi Police taught the students basics of self defence. It was organised in Teflas and the methods taught were to deal with daily based violence on streets, buses and other public places.

During the time of new admissions in JNU, GSCASH distributed brochures containing the information about the role and procedures of GSCASH. It defined harassment and basic concerns of when and to whom the complaint of sexual harassment should be made.

Gender Sensitization Week from 10<sup>th</sup> to 18<sup>th</sup> Feb. 2015 was successfully conducted by the GSCASH covering almost the entire JNU community viz., Officers, Staffs Mess Workers, Hostel Karamcharies, Security Guards and entire student community. There were school level sessions in the first half and then to involve more students dhaba sessions in the evening for four days. Rest of the days attempts were made to interact with the workers on campus, staff and officers and security staff. The orientation involved participation and a small discussions with former GSCASH faculty members and faculty in general. This was followed by videos provoking discussion around stereotypes and stigma in society. In the evening there were activities planned with the help of other members where students spoke about myths and taboos.

A Delhi based street play group, Jana Natya Manch was invited for an interactive session with the students on gender sensitization through theatre.

GSCASH organized a march on the occasion of International Women's Day on 8<sup>th</sup> March 2015. Students marched raising slogans and holding playcards for Gender Equality, Freedom and Rights.

## 5.9 Students Activities

### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level

### No. of students participated in cultural events

State/ University level  National level  International level

### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level  National level  International

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support:

There is a liberal provision for merit-cum-means scholarships/fellowships. Students as well as faculty members are provided with financial support to undertake field trips in connection with their research both within the country and abroad.

Participation in exchange programmes with universities/institutes abroad is encouraged to promote international understanding. The University has signed Memoranda of Understanding with a large number of foreign universities and institutions.

	Number of students	Amount
Financial support from institution	351 no. of students awarded major fellowships and scholarships	
Financial support from government		
Financial support from other sources		
Number of students who received International / National recognitions	04 no. of students won national and international award	

**5.11 Student organised / initiatives**

Fairs : State/ University level  National level  International level   
 Exhibition: State/ University level  National level  International level

**5.12 No. of social initiatives undertaken by the students**

**5.13 Major grievances of students (if any) redressed:**

A Grievance Redressal Committee has been set up to promote cordial relations between the students and the University administration.

## Criterion – VI

### 6. Governance, Leadership and Management

#### 6.1 State the Vision and Mission of the Institution:

As per the First Schedule given in the JNU Act:

***“The University shall endeavor to promote the study of the principles for which Jawaharlal Nehru worked during his life time, National integration, social justice, secularism, democratic way of life, International understanding and scientific approach to the problems of society”.***

The mission statement as defined in Sec. 4. of the JNU’s Act & Statutes 1966 is reproduced below:

***The objects of the University shall be to disseminate and advance knowledge, wisdom and understanding by teaching and research and by the example and influences of its corporate life and in particular the objects set out in the First Schedule.***

#### 6.2 Does the Institution has a management Information System: Yes

#### 6.3 Quality improvement strategies adopted by the institution for each of the following:

##### 6.3.1 Curriculum Development:

School/Centre wise details are given below:

**SCMM-** A new course for integrated M.Sc.-Ph.D. Programme in Molecular Medicine was developed and approved.

**CPS, SSS-** The last comprehensive and complete revision of all the courses was completed in 2008, after an enduring exercise begun a couple of years before. Introduction of new course and minor revisions in existing courses were undertaken in 2014. In addition courses are continuously revised to reflect the new literature and debates in the field by individual faculty members and reported in the faculty meetings. The revision of M.Phil courses was initiated in 2014 and five optional courses were approved at the level of the faculty.

**CKS, SLL&CS** - Initiation of the curriculum systematization and development plan.

**CIPOD, SIS-**New course on Comparative Foreign Policy Decision Making.

**CSDE, SSS** - Prepared optional (seminar) paper.

**CRS, SLL&CS-** Centre has implemented a new BA syllabus from the Academic year 2014-2015.

**CMS, SSS** – Two new courses developed.

**CITD, SIS** - All courses taught at the centre are updated and revised by the respective faculty every year.

**SCSS** – Courses and syllabus of MCA, M.Tech and Ph.D. were revised.

**CES, SIS** – Centre faculty worked towards developing the following courses: Contemporary issues in the Nordic Region, International Conflicts and Cooperation, Globalisation Social Change and culture, Geopolitics and Regions in Europe, Major Themes in Contemporary Europe.

**CCPPT, SIS** – Development of new M.Phil Programme (05 course).

**CHS, SSS** – Introducing new courses, holding workshops for updating and introducing new course providing readers.

**CESP, SSS** – New courses are regularly developed by the faculty. These are evaluated by the extended faculty of the centre, the CASR and Board of Studies of the school before these are approved.

**SPS** - School has Master's program in Physics, and PhD programs in Physics, Chemistry and Mathematics. Efforts have been spent to revise lab manual and new experiments being added to MSc Physics program. The school is working actively towards starting Masters programs in Chemistry from Monsoon 2017 and in Mathematics in the near future.

The school awards Gold Medal to Highest Rank Holders in MSc Physics.

**SCIS** – Regular syllabus update by the faculty. Course structure revision by the faculty members for M.Sc. & Pre Ph.D.

### 6.3.2 Teaching and Learning:

School/Centre wise details are given below:

**SCMM**- Pre-Ph.D. courses in Molecular Medicine (Total 15 credits) are being taught.

**CPS, SSS**- The teaching is mostly in the lecture mode, with the research course using a combination of lecture and seminar classes.

**CKS, SLL&CS**- Audio visual, ICT techniques incorporated. E-school programme with Sukmyeong University started.

**CSDE, SSS** – Core courses and optional papers taught by all faculty members.

**CRS, SLL&CS**- New courses being taught with the help of in house material being produced by faculty for different courses.

**CMS, SSS** – Two core courses/ four optional for M.Phil. programme. Regular sessions with direct PhD/M.Phil research scholars.

**CITD, SIS**- The faculty have taken all subject classes with the help of electronic equipments viz laptops, overhead projectors, sound systems. These electronic aids help students to easily grasp the subject under discussion.

**CES, SIS** – Centre faculty reviewed the ongoing courses and updated the reading list. PPT presentations were used and encouraged. Centre also organized lectures of experts from within and outside India.

**CCPPT, SIS** – Lectures, film screening, dramatic production by students based on M.Phil course.

**CWS, SSS** – M.Phil/Ph.D. programme started an initial intake of 8 students. M. Phil and MA courses were offered. There has been a very good response with students from different centres of JNU and several international students opting for the courses. Three students from University of Cairo visited the centre in the Monsoon semester.

**CHS, SSS** – Use of visual media in classrooms, holding workshops for updating and introducing new courses, regular acquisition of books and source materials for the CAS and central library.

**CESP, SSS** – Teachers use various modern facilities both in the classroom as well as online services for teaching and for making the course material available. JNU library and the Exim Bank library are well equipped with books, print journals and online subscription to journals and databases.

**CIPS, SIS** – Teaching two courses to M. Phil students guiding 23 M. Phil. and Ph.D. students.

**SPS** - The school has state of the art computing facilities, well-equipped laboratories for Physics and Chemistry.

Provisions are made to encourage students to appear for NET, GATE & other competitive exams. Students also work on research based in their last semester.

Institution has modern strategies for imparting knowledge like audio-visual aids, OHP, Internet and Computers, Laptops. The classrooms are equipped with

green/black boards, projectors, screens, working models, diagrams, charts etc. Faculties use variety of modern tools such as power point presentation to improve student's learning process.

The students of SPS ran a regular Journal Club activity wherein they also invited talks and short courses by eminent researchers from some of the premiere institutes of the country Orientation and refresher programs. The seminar program of the School has been a vibrant one with more than 40 talks during the past year. Many visitors presented talks on diverse topics in Chemistry, Mathematics and Physics. Talks on diverse topics were presented by many visitors, including a few alumni from the School. We would like to mention a few notable names: Jayadev Athreya, Rama Bansil, Suresh K. Bhargava, Ravin Bhatt, Jayanta Bhattacharjee, Daniel Buegler, Thomas Busch, Jean-Marc Deshouillers, Oliver Eibl, Ulrike Feudel, Raj Gandhi, Peter He, Hikaru Kuramochi, Frederic Mila, V. Kumar Murty, Sunil Mukhi, Rajaram Nityananda and Sandip Pakvasa. SPS also organized a seminar by Michael Klein jointly with the School of Computational and Integrative Sciences (SCIS). The students of SPS ran a regular Journal Club activity.

An In-House Colloquium, the objective of which was to provide a common platform to the faculty members and research scholars of SPS to share their new research advances and exchange ideas within the School, was held during 27 – 28 March, 2015. The Colloquium featured 12 lectures from among the faculty members of the School and a public lecture, delivered by Prof. Sudhir K. Sopory, Vice-Chancellor, JNU.

**SCIS** – ICT tools, tutorials.

**CSPILAS, SLL&CS** – Audio visual lab and ICT tools used frequently to upgrade student/teacher understanding.

**CIS&LS, SSS** – Centre set up a course committee for the development of the syllabus. In addition to this some distinguished scholars who have been at the centre as visiting professor were also part of the process.

### 6.3.3 Examination and Evaluation



### 6.3.4 Research and Development:

School/Centre wise details are given below:

**SCMM** - SCMM faculties have got R&D project grants from various funding agencies of Govt. of India for their research objectives during the desire period.

**CPS, SSS** - The teachers have undertaken research on a range of themes and published in leading journals. Their research has also contributed to a deeper understanding of these issues and providing inputs into public policies in the area.

**CKS, SLL&CS** - M.Phil/Ph.D. programme introduced at the centre. 3 International conferences held at the centre.

**CSDE, SSS** – Working on research projects as principal investigators funded by ICSSR, UPE-II.

**CRS, SLL&CS** - Students were offered summer course in Tomsk State University, Russia.

**CMS, SSS** – Digital media research.

**CITD, SIS** – The research students of the department are working on different fields of studies on the topics selected by them as the guidance provided to them by faculty members during the selection of research topics.

**CES, SIS** – Following projects were on: Project PRIMO, Marie Curie-ITN project funded by European Union and run by the University of Hamburg. Project UPOE Impact of SSA on Elementary School Education: Survey of schools in Madhya Pradesh.

**CHS, SSS** – Weekly faculty seminars, conferences and workshops, refresher courses, studies in history – Biannual Journal of CHS, Activities of the Bhagat Singh Chair-Visiting Professors and conferences, J.P. Nayak Memorial Lecture, Research Projects awarded to individual faculty.

**CWS, SSS** – Faculty members continued on their research projects and presented and published there in different fora.

**CESP, SSS** – CESP faculty regularly published in top journals in their areas of specialisation. CESP has a large research output which can be seen from CESP's annual reports.

**CIPS, SIS** – Has been active in publishing, international and national conference presentations.

**SPS** - In recognition of the excellence in the teaching and research programmes at SPS, the UGC has been supporting the SPS through various schemes such as DRS-COSIST and DSA.

Apart from the UGC support, SPS has also received major funding from the DST under the FIST programme in 2002, 2007 and 2014. It is also worth mentioning that SPS faculty members have attracted considerable individual support through research projects from various funding agencies like the Council for Science & Industrial Research (CSIR), Department of Science & Technology (DST), Department of Biotechnology (DBT), Indo-French Centre for the Promotion of Advance Research (IFCPAR), University Grants Commission (UGC), etc.

During the last year, 75 peer reviewed research papers were published by SPS faculty and students in leading journals. Five chapters in books and four books were also published by the faculty, including those in the area of impact of science in society.

In addition, many of the faculty members, postdoctoral fellows and students presented their work in invited talks and in poster sessions at national and international conferences. They were also invited to present seminars and colloquia in different universities and institutes.

The ICTP international workshop on “Current Trends in Frustrated Magnetism” was organized by Brijesh Kumar (Coordinator) and Satyabrata Patnaik of SPS along with Michael Kiselev (ICTP, Trieste) and Federico Becca (SISSA, Trieste). Sponsored by the Abdus Salam International Centre for Theoretical Physics, Trieste, Italy and co-sponsored by Science and Engineering Research Board (SERB), DST, India, and JNU, the Workshop was held in the university during February 9-13, 2015.

Several faculty members have received prestigious awards and been elected fellows of some reputed scientific academies. Aranya B. Bhattacharjee has been selected as a Research Ambassador of the German Academic Exchange Service (DAAD). Ram Ramaswamy is presently the Vice-President of the Indian Academy of Science, Bengaluru and Indian National Science Academy, New Delhi. The interviews of Rupamanjari Ghosh and Riddhi Shah, as eminent women scientists, were shown in the series “Scientifically Yours” on the Rajya Sabha Channel. Rupamanjari Ghosh received the Rupa Chakraborty Memorial Silver Medal from the Alumni Association of Bethune College, University of Calcutta. Pritam Mukhopadhyay was awarded the Swarnajayanti Fellowship, 2014 of the DST, India. R. Rajaraman was awarded the 2014 Leo Szilard Prize by the American Physical Society. Riddhi Shah received the C.V. Raman Award for Women in Science by Swadeshi Vijnana Andolana - Karnataka on the occasion of the VIth National Women Science Congress.

**SCIS** – Research Collaboration with JNU and all outside, software development.  
**CSPILAS, SLL&CS** – EpG Paathshaala and MOOC courses developed in Spanish for MHRD/UGC. UPOE projects undertaken by several faculty members.  
**CIS&LS, SSS** – A project “Collective Memory and Resistance: the contemporary Oral History of Working Class Resistance in Maharashtra” funded by UPOE, JNU. “Political Economy of Cross-Class Collaboration in India” in collaboration with the University of Denver. “Trans-disciplinary cluster on sustainable Development and the JNU Centre, University of Sussex Sustainability Hub.

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

The Central Library is a knowledge hub of JNU. It is a nine-storey tower building and has a carpet area of about one lakh sq. ft. It is situated in the midst of the academic complex of the University and is the hub of all the academic activities of the University. It provides comprehensive access to books, journals, theses and dissertations, reports, surveys covering diverse disciplines. Apart from that every school has its own library with required facilities. Central library facilities are:

1. **Single Window Search:** Central Library, JNU has implemented Web-scale Discovery Services (EDS), Ebsco Discovery Services (EDS) which is a single window search. This service integrates a number of resources into a single search box so that the users can efficiently look for a broad range of resources and need not the various databases individually.
2. **Creation of new reading halls:** Created 130 sitting capacity with availability of laptop charging point in each and every desk.
3. **Grammarly:** Added Grammarly tool for grammar check for M.Phil. and Ph.D. students.
4. **Digitisation:** About 2000 thesis and dissertations were digitised.
5. **Launch of ETD 2015 Website:** Central Library, JNU in collaboration with NDLTD, USA and INFLIBNET Centre, Gandhinagar organised ETD2015:18<sup>th</sup> International Symposium on Electronic thesis and dissertations during November 04-06, 2015 at Convention Centre, JNU, New Delhi. This symposium was organised for the first time in Indian Sub-continent and a unique opportunity to Indian Libraries to learn from the experience of the worldwide leaders in the field of archiving of electronic Thesis and Dissertations. This platform helps Indian Libraries to learn more about digitization of thesis and dissertations and other related issues. The website was launched on 28<sup>th</sup> January 2015 by the Vice-Chancellor.
6. **Urkund:** Central Library, JNU with the help of INFLIBNET Centre (UGC) is also providing anti-plagiarism software known as “URKUND” offers a fully-automated system for handling plagiarism. In short, the students send their documents to their teachers by email. Along the electronic route between student and teacher, the documents are checked against three central source areas: Internet, published material and student material. If any document displays similarities with the content in the three sources, the system will flag it for possible plagiarism. An analysis overview is generated and sent by e-mail to the teacher concerned. The analysis overview presents in a simplified form the information needed by the teacher in order to determine if plagiarism has occurred.
7. **Toilets for Disables:** Toilet for person with disabilities has been constructed in the Library.

## 8. School/Centre wise details:

**CITD, SIS** – The centre has its own library and computer econometrics laboratory. The laboratory is equipped with statistical & econometric software. The library contains syllabus and reference books for the use of CITD students and scholars.

**CGS, SLL&CS** – Centre has a departmental library and a collection of books, newspaper and journals.

**CESP, SSS** – Apart from the university library, CESP has a large departmental library which is supported by a grant from EXIM bank. CESP maintains three computer rooms, and two reading rooms for students. There is one seminar room and three classrooms.

**SPS** - Faculty members are asked to suggest the books to be purchased according to their research and academic interests and then book are procured through various booksellers and added to the library on regular basis.

### 6.3.6 Human Resource Management

Open advertisement is published to recruit the staff belonging to all the categories in accordance with the recruitment rules of the University. Statutory reservations are provided to the persons belonging to the SC/ST/OBC and Physically Challenged categories in accordance with the norms of the GOI and by maintaining roasters.

### 6.3.7 Faculty and Staff recruitment

Administrative Staff recruited – 162
--------------------------------------

Faculty recruited – 70
------------------------

### 6.3.8 Industry Interaction / Collaboration:

School/centre wise details:

**SCMM** - Pre-Ph.D. students visited to our collaborative Institute of Liver and Billiary Sciences, Vasant Kunj, Delhi during their lab rotation schedule.

**CPS, SSS** - The faculty has served on the board of studies of several institutions and universities and contributed to curriculum development. In addition they have undertaken collaborative research projects to conduct research leading to policy intervention.

**CKS, SLL&CS** - Onsite visit for students to Samsung Electronics Factory.

**CRS, SLL&CS** - 06 Ph.D. scholars availed scholarships to visit Tomsk State University, Russia under the AoC signed between the universities.

**CWS, SSS** – AoC with great Zimbabwe University.

**SCNS** – Collaborated with few electronics industries like Keysight, rohde and Schwarz, Anritzu, Metrohm etc.

**CESP, SSS** – Many former students of CESP work in the industry. In the past, members of CESP faculty have been advisors to public sector undertakings and have been on their boards.

**SCIS** – Through seminar and lecture delivered by the expert within & outside.

**CSPILAS, SLL&CS** – Consultancy in the field of Spanish interpretation provided.

**CIS&LS, SSS** – Centre signed an MoU with the Global Labour Universities (GLU) for including its MA Programme in Labour and Development Studies as part of the

GLU initiative of a network of trade unions, universities and the ILO (International Labour Organisation) to deliver high level qualification programmes for the practitioners. We hope that the collaboration will facilitate the admission of upto 6 International practitioners in the MA programme in coming academic year. The centre has also become a part of the already existing MoU signed between JNU and the University of Sydney, Australia for exchange of doctoral students and faculty.

### 6.3.9 Admission of Students

--

### 6.4 Welfare schemes for:

Teaching	
Non teaching	<ul style="list-style-type: none"> <li>• OPD facility for staff &amp; retired employees of JNU at University Health Centre.</li> <li>• Allotment of newly built quarters to staff.</li> </ul>
Students	

### 6.5 Total corpus fund generated

83.96 Lacs

### 6.6 Whether annual financial audit has been done

Yes

No

### 6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic				
Administrative	Yes	C&AG	Yes	University's Finance and Accounts Deptt.

### 6.8 Does the University/Autonomous College declares results within 30 days?

For UG Programmes

Yes

No

For PG Programmes

Yes

No

### 6.9 What efforts are made by the University / Autonomous College for Examination Reforms?

--

### 6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not Applicable
----------------

### 6.11 Activities and support from the Alumni Association:

JNU is proud to have as its alumni a growing number of eminent social scientists, scientists civil servants, literary critics, media experts, foreign language experts, journalists, political leaders, social activists, technologists, managers, academicians and entrepreneurs over the last many years. The University recognizes the alumni as important stakeholders in enhancing JNU's excellent resources for high quality education. It realizes the enormous benefits that come from an engagement with and the support of its alumni who have considerable expertise in many areas, that can help identify strategic directions for JNU in the 21st century.

The Alumni office has organized a number of activities to develop Alumni Network of JNU:

**An event was organized where Mr. Vijay Singh an alumnus of J.N.U. residing in France and a well known writer/film maker was invited to show his latest film "India by Song" in April 2014.**

**On 14th October, 2014 our Alumna Smt. Nirmala Sitharaman, Honourable Minister of Commerce & Industry, released the documentary entitled, "JNU: The dream and the vision". This film was produced and directed by our alumnus Dr. Indrajeet Pant.**

The office established links with JNU alumni and several JNU alumni associations in different parts of India and abroad. Produced a directory of nearly 5743 alumni which is available online.

### 6.12 Activities and support from the Parent – Teacher Association:

Does not exist.

### 6.13 Development programmes for support staff:

- Training /participation of staff in various seminar/training/conference.
- In-house capacity building programme for staff.
- Hindi/Computer training for staff.
- Monthly departmental discussion on various new/amendment to Govt. rules.
- Refresher/orientation course for Group 'A' staff.
- Induction programme for new appointees.

#### **6.14 Initiatives taken by the institution to make the campus eco-friendly:**

The University campus is spread over approximately 1000 acres of land which has now been turned into a lush green and open area. JNU has been involved in number of environment issues.

Our students have strongly established their footsteps in numerous governmental and non-governmental agencies in the field of environmental protection, conservation and education. In this regard the students have always played an important role involving themselves by conducting seminars and workshops to enhance awareness, ensuring the participation of local inhabitants in tree plantation drives etc.

The University has reconstituted the Environmental Task Force (ETF) to assess environmental aspects of proposed new construction activities and other cases.

## Criterion – VII

### 7. Innovations and Best Practices

#### **7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.**

Setting up of JNU Press, through open Access System, to facilitate publications and wider dissemination of the research work of JNU faculty/Scholars. A Committee has been set up to look into the related aspects and to devise a proper mechanism to make it operational.

Introduced and upgraded online applications for admission and created single-window registration of students.

University is on move towards e-office system and a number of initiatives have been taken in this regard to ensure early implementation of the systems.

**JNU Vision 2020 and Beyond:** A Group was constituted and entrusted with the responsibility to assess University's strengths and to indicate the areas for improvement and set new goals that can lead to enhanced performance and in specific to look into the following issues and suggest changes, if needed, in tune with the future teaching, research and other requirements of the University.

#### **7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year**

Please see Point 2.15 of this report relates to Plan of Action.

#### **7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)**

1. The Admission policy and practice of JNU: for equity, access and quality has been rated as the "Best Practices" by National Institute of Educational Planning and Administration which has published it under its series of publication of Best Practices in Higher Education.
2. Students representations in various decision making body such Academic Council and Court of JNU, Student Faculty Committee at the centre levels.

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

#### **7.4 Contribution to environmental awareness / protection:**

Plantation done on various occasions viz. Environment Day, NSS Day, Independence Day, During rainy season and compensatory plantation against felled tree etc. Reconstituted Environmental Task Force (ETF) Committee to assess environmental aspects.

**7.5 Whether environmental audit was conducted?** Yes  No

#### **7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)**

-

### 8. Plans of institution for next year

-

Name: **Prof. D.K. Lobiya**

Name: **Prof. M. Jagadesh Kumar**

---

Signature of the Coordinator, IQAC

---

Signature of the Chairperson, IQAC

\*\*\*

## Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

<b>School of Social Sciences (SSS)</b>
Centre for Economic Studies and Planning (CESP)
Centre for Historical Studies (CHS)
Centre for Informal Sector & Labour Studies (CIS&LS)
Centre for Media Studies (CMS)
Centre for Philosophy
Centre for Political Studies (CPS)
Centre of Social Medicine & Community Health (CSM&CH)
Centre for Studies in Science Policy (CSSP)
Centre for the Study of Discrimination and Exclusion (CSDE)
Centre for the Study of Regional Development (CSRSD)
Centre for the Study of Social System (CSSS)
Centre for Women's Studies (CWS)
Zakir Husain Centre for Educational Studies (ZHCES)
Archives on Contemporary Studies
<b>School of International Studies (SIS)</b>
Centre for African Studies (CAS)
Centre for Canadian, US and Latin American Studies (CCUSLAS)
Centre for Comparative Politics & Political Theory (CCPPT)
Centre for East Asian Studies (CEAS)
Centre for European Studies (CES)
Centre for Indo- Pacific Studies (CIPS)
Centre for Inner Asian Studies (CIAS)
Centre for International Legal Studies (CILS)
Centre for International Politics, Organisation and Disarmament (CIPOD)
Centre for International Trade and Development (CITD)
Centre for Russian & Central Asian Studies (CR&CAS)
Centre for South Asian Studies (CSAS)
Centre for West Asian Studies (CWAS)
<b>School of Language, Literature and Culture Studies (SLL&amp;CS)</b>
Centre for Arabic & African Studies (CAAS)
Centre for Chinese & South East Asian Studies (CCSEAS)
Centre for English Studies (CES)
Centre for French & Francophone Studies (CFFS)
Centre for German Studies (CGS)
Centre for Indian Languages (CIL)
Centre for Japanese Studies (CJS)
Centre for Korean Studies (CKS)
Centre for Linguistics
Centre for Persian & Central Asian Studies (CPCAS)
Centre for Russian studies (CRS)

Centre for Spanish, Portuguese Italian & Latin American Studies (CSPI&LAS)
<b>School of Arts &amp; Aesthetics (SAA)</b>
<b>School of Biotechnology (SBT)</b>
<b>School of Computational &amp; Integrative Sciences (SCIS)</b>
<b>School of Computer and Systems Sciences (SCSS)</b>
<b>School of Environmental Sciences (SES)</b>
<b>School of Life Sciences (SLS)</b>
<b>School of Physical Sciences (SPS)</b>
<b>Special Centre for Molecular Medicine (SCMM)</b>
<b>Special Centre for Nano Sciences (SCNS)</b>
<b>Special Centre for the Study of Law &amp; Governance (SCSLG)</b>
<b>Special Centre for Sanskrit Studies (SCSS)</b>

\*\*\*\*\*

Faculty Publications

## School of Arts and Aesthetics

## Journal Articles

- **Ahuja, Naman P.**, "Plural Cultures and Monolithic Structures", *IIC Quarterly*, vol. 41, No. 2, Autumn, 2014, pp. 165-170
- **Ahuja, Naman P.**, "The Reflected, Substituted and Vanishing Body of Art" article for *Lila Inter-Actions*, 14 August, 2014 issue (<http://www.lilainteractions.in/trans-creating-the-body-allying-the-human-and-the-cosmic/>)
- **Ahuja, Naman P.**, "Limits to Official Legalism", *Seminar*, vol. 659, July, 2014 ([http://www.india-seminar.com/2014/659/659\\_naman\\_p\\_ahuja.htm](http://www.india-seminar.com/2014/659/659_naman_p_ahuja.htm)).
- **Bhaskar, Ira**, "L'emotion, la subjectivite, et les limites du desire: melodrama et modernite dans le cinema indien de Bombay des annees 40-50", *Recondtre avec L' Inde*, Tome 42 Numero 2, 2013, pp. 49-62 (Published in 2014 by Conseil Indien Pour Les Relations Culturelles) [Translation of "Emotion, Subjectivity, and the Limits of Desire: Melodrama and Modernity in Bombay Cinema, 1940s-'50s" in *Gender Meets Genre in Postwar Cinema*. Christine Gledhill, Ed. Urbana, Chicago and Springfield: University of Illinois Press, 2012, 161-176].
- **Bhaumik, Kaushik**, "Death Becomes Her: Bombay Cinema, Nation and Kashmir", (in conversation with Desire Machine Collective, Guwahati), *Synoptique*, v.3, no.1, 2014, pp.99-116.
- **Bhaumik, Kaushik**, "Insert 2014 or Re-insert 2014? – Thinking through the Indian art scene in times of the global contemporary", *Take on Art*, vol. IV, Issue 15, 2014, pp. 130-135.
- **Bhaumik, Kaushik**, "The Noise of Life, The Life of Noise: Desire Machine Collective at Project 88 Mumbai", *Art India*, vol. XIX, Issue 1, 2014, pp.68-71.
- **Choudhury, Soumyabrata**, "A militant and light reading: a review of Annihilation of Caste: The Annotated Critical Edition by B.R. Ambedkar", in *Biblio*, Vol XIX, No. 5 & 6, 2014, pp 10-12
- **Choudhury, Soumyabrata**, "Caste and Debt: The case of Ancient Greek Liturgies" in *Journal of Polity and Society*, Vol 4, Issue 2, 2012 (printed in 2014), pp 7-18
- **Choudhury, Soumyarata**, "Rajniti ke qabil kaun hai? Ambedkar baraks arastu", trans: Sunil Kumar, *Pratiman*, Vol 2, Issue 1, January-June 2014, pp- 259-278
- **Hariharan, Veena**, "Representations of Violence in the First-Person Documentary: Archival Footage and Documentary Consciousness", *Studies in South Asian Film & Media*, Vol 5, Issue 2, 2015
- **Mazumdar, Ranjani**, "Invisible Work in the Indian Media Industries", in *Media Industries* Vol.1, No. 3, 2015
- **Mukherji, Parul D.**, "Whither Art History in a Globalizing World", *The Art Bulletin*, June, vol. XCVI, Number 2, the College Art Association Quarterly, CAA, 2014, pp151-155,
- **Parmeswaran, Ameet**, "Affirmation and Disidentification: The Labour of Performing 'Brand India'", in *Performance Research: A Journal of the Performing Arts* vol. 19:2, June 2014, pp. 54-62
- **Parmeswaran, Ameet**, "Zooësis and 'Becoming with' in India: The 'Figure' of Elephant in *Sahyande Makan: The Elephant Project*", in *Theatre Research International*, vol. 39 (1), 2014, pp. 5–19
- **Sarkar Munsif, Urmimala**, (co-edited with Linda Caldwell) *Journal of Emerging Dance Scholarship*, Vol 2, July, 2014 (ISSN 2309-267X).

## Books

- **Ahuja, Naman P.**, *Rupa Pratirupa, The Body in Indian Art*, National Museum of India, New Delhi, 2014
- **Bharucha, Rustom**, *Terror and Performance* London and New York: Routledge, 2014. Also published by Tulika Books, New Delhi
- **Choudhury, Soumyarata**, *The Weight of Violence: Religion, Language, Politics*, co-edited with Saitya Brata Das, Oxford University Press, New Delhi, 2015
- **Mukherji, Parul D.**, *Arts and Aesthetics in a Globalizing World* (co-edited with Raminder Kaur), London: Bloomsbury, 2014, (ISBN 978-1-4-725-1931-3)
- **Shiva Prakash, H.S.**, *In Other Words*, Poetry Wallah, Mumbai (English), 2014
- **Shiva, Prakash, H.S.**, *Everyday Yogi*, Harper Collins, New Delhi (English), July 2014

- **Shiva Prakash, H.S.**, Navanirakshararigonda Samaacharapatra (Poems of Alok Ranjan Dasgupta Translated), Pramatha Prakashana, Bangalore (Kannada) 2014
- **Shiva Prakash, H.S.**, Matina Baladinda 2, Pramatha Prakashana, Bangalore (Kannada) 2014
- **Shiva Prakash, H.S.**, Manteswami Katha Prasanga, Kannada Sahitya Parishat, Bangalore (Kannada) 2014
- **Singh, Kavita**, and Mathur, Saloni, and (eds.) No Touching, No Spitting, No Praying: the Museum in South Asia. Routledge Visual and Media Histories Series, New Delhi and London, 2014 ISBN 978-1-13-879601-0
- **Singh, Kavita**, and Bahadur Ramaswami, Preeti (eds.) Nauras: The Many Arts of the Deccan. National Museum of India, New Delhi, 2015. ISBN: 81-85832-31-5

## Chapters in Books

- **Alone, Y. S.**, "Beholder and Public Domain: The Other Side of Spectatorship", in Jagan Karade ed. Caste-Based Exclusion Rawat Publications, 2015, ISBN 978-81-316-0706-0, pp 173-185
- **Bharucha, Rustom**, "Hauntings of the Intercultural: Enigmas and Lessons on the Borders of Failure", in Erika Fischer-Lichte et. al ed. The Politics of Interweaving Performance Cultures: Beyond Postcolonialism London and New York: Routledge, 2014
- **Bhaumik, Kaushik**, "Death Becomes Her: Bombay Cinema, Nation and Kashmir", (in conversation with Desire Machine Collective, Guwahati) in Vikrant Kishore, Amit Sarwal and Parichay Patra (eds.), Bollywood and its Other(s): Towards New Configurations, Basingstoke: Palgrave Macmillan, 2015, pp. 254-268 (ISBN: 978-1137426499)
- **Bhaumik, Kaushik**, "The Curious Case of the Serpent that Goes to Sleep when Comets Appear", in Michael Maranda (ed.), The Raqs Media Collective: Casebook, Toronto: Art Gallery of York University, 2014, pp.185-191 (ISBN: 978-0921972686)
- **Bhaumik, Kaushik**, "Filmi Nationalism, c.1940", in Rahaab Allana (ed.), Filmi Jagat, A Scrapbook: Shared Universe of Early Hindi Cinema, New Delhi: Niyogi Books, 2014, pp.11-33 (ISBN: 978-93-83098-40-8)
- **Choudhury, Soumyarata**, "Beyond Protective discoloration: Ambedkar on Conversion", in Politics and Religion, ed Saitya Brata Das, Akar Books, Delhi, 2014, pp 130-151
- **Hariharan, Veena**, "Inner-city Symphonies" in David E. James, ed., Alternative Projections: Avant-Garde Film in Los Angeles, 1940-80. John Libbey Publishing, UK, 2015
- **Mazumdar, Ranjani**, "Retro in Contemporary Bombay Cinema" in Toby Miller Ed. Routledge Companion to Popular Culture, Routledge, 2015, pp 366-375
- **Mazumdar, Ranjani**, Four entries on Memories of Underdevelopment (Thomas Alea), Amar Akbar Anthony (Manmohan Desai), Dilwale Dulhania Le Jayenge (Aditya Chopra) and Om Shanti Om (Farah Khan) for The Routledge Encyclopedia of Films ed. John White, Sarah Barrow, Sabine Haenni, Taylor and Francis: Routledge, 2014
- **Mukherji Parul D.**, "Classroom and the Plane of the Contemporary" in Michael Maranda (ed.) Raqs Media Collective: Casebook, Toronto:The Art Gallery of York University, 2014 (ISBN 978-0-921972-68-6)
- **Mukherji Parul D.**, "Entangled Temporality: Contemporary Indian Artists and Their Retakes on the 'Golden' Age", in Julia A B Hegewald (ed.) In the Shadow of the Golden Age: Art and Identity in Asia from Gandhara to the Modern Age, EBVERLAG Berlin 2014 (ISBN 978-3-86893-149-5) pp. 475-499.
- **Mukherji Parul D.**, "The Two Faces of Ananda Coomaraswamy: Discourses on Modernism and Anti-Modernism", in S G Kulkarni and Kavita Chauhan (eds.) Art, Aesthetics and Philosophy: Reflections on Coomaraswamy, D K Printworld, New Delhi 2014 (ISBN 978-3-86893-149-5) pp. 39-57.
- **Mukherji Parul D.**, "The Theory of Anukrti in the Abhinavabharati" in Patrick Mc Allister, Cristina Scherrer-Schaub and Helmut Krasser (eds.) Cultural Flows across the Western Himalaya, Osterreichische Akademie der Wissenschaften, Vienna 2015 (9-783700-17858)
- **Parmeswaran, Ameet**, "Contemporaneity and Collective: The Reportage in Amma Ariyaan", in Bose, Sathese Chandra and Varughese, Shiju Sam ed. Kerala Modernity: Ideas, Spaces and Practices in Transition. Hyderabad: Orient Blackswan, 2015
- **Sarkar Munsu, Urmimala**, "Being Rama: Performing Rama in a Changing World", for IGNCa publication Ramkatha in Narrative, Performance and Pictorial Traditions, IGNCa", April, 2014
- **Shiva Prakash, H.S.**, "Extension of the Poetic Landscape: Rabindranath Tagore's Contribution to Drama", in Arnab Bhattacharya and Mala Renganathan ed. The Politics and Reception of

Rabindranath Tagore's Drama: the Bard on the Stage. Routledge Advances in Theatre and Performance Studies, New York & London: Routledge, 2015

- **Singh, Kavita**, and Mathur, Saloni, "Introduction", in Kavita Singh and Saloni Mathur ed. No Touching, Spitting or Praying: Modalities of the Museum in South Asia. Routledge, Visual and Media History series, New Delhi and London, 2015, ISBN 978-1-13-879601-0
- **Singh, Kavita**, "The Museum is National", in Mathur, Saloni and Singh ed. No Touching, Spitting or Praying: Modalities of the Museum in South Asia. Routledge Visual and Media Histories series, New Delhi and London, 2015. ISBN 978-1-13-879601-0
- **Singh, Kavita**, and Mathur, Saloni "Reincarnations of the Museum: The Museum in an Age of Religious Revivalism", in Kavita Singh and Saloni Mathur (eds) No Touching, Spitting or Praying: Modalities of the Museum in South Asia. Routledge Visual and Media Histories series, New Delhi and London, 2015. ISBN 978-1-13-879601-0
- **Singh, Kavita**, "Nauras: New Rasa," in Bahadur Ramaswami, Preeti and Singh, Kavita ed. Nauras: The Many Arts of the Deccan. National Museum of India, New Delhi, 2015, pp. xii-xix. ISBN: 81-85832-31-5

### Reviews, Catalogue and Media Articles

- **Hariharan, Veena**, Book Review of Khorana, Sukhmani ed. Crossover Cinema: Cross-cultural Film from Production to Reception in Studies in South Asian Film & Media, Vol. 5, Issue 2, 2015
- **Mukherji Parul D.**, "Anita Dube: The Corner that Sees- At the Centre of the Edges", in Akansha Rastogi and Roobina Karode (eds.) Seven Contemporaries Art, New Delhi: Kiran Nadar Museum of Art, 2014, pp. 56-63.
- **Mukherji Parul D.**, "Anita Dube: The Corner that Sees- At the Centre of the Edges", in Akansha Rastogi and Roobina Karode ed. Seven Contemporaries Art, New Delhi: Kiran Nadar Museum of Art, 2014, pp. 128-138.
- **Parneswaran, Ameet**, "To be Partisan, Unsettled, and Alert: Conversation with Geeta Kapur", Written by Ameet Parneswaran and Rahul Dev. ARTMARGINS, March, 2015, <http://www.artmargins.com/index.php/5-interviews/756-to-be-partisan-unsettled-and-alert-conversation-with-geeta-kapur->
- **Sawant, Shukla V.**, "Art in life —Art as Life: some pedagogical issues", in Art Education Issue, Rupabheda, (Mumbai: Jamshethji Jeebhoy School of Art), February, 2015
- **Sawhney, Rashmi**, "The Race for Mary Kom", in DNA, Analysis column; 27 September, 2014
- **Sawhney, Rashmi**, "The Sick World Before Her", in DNA, Analysis column; 21 June, 2014

## School of Biotechnology

### Journal Articles

- Grover S, Aslam S, Sharma V & **Arya R**: “Expression and secretion of GNE and its mutants in *Dictyostelium discoideum*. CNS and neurological disorders-DT (2014), Vol. 13, Issue 7, 1263-1272 (I.F. 3.77), (2014)
- Deeksha Tripathi, **Bhatnagar R.**, “Low expression level of glnA1 accounts for absence of cell wall associated poly-L-glutamate/glutamine”, in *Mycobacterium smegmatis*. Biochemical and Biophysical Research Communications., 2015, 458:240-245
- Purna Chaudhary, Samer Singh, **Bhatnagar R**, Neera Bhalla Sarin and Seemi Farhat. “Basic Expression of Edema Factor Gene (*cya*) from *Bacillus anthracis* in Model Plant Tobacco” .P.1143-1148, 2014
- Kaur M, Garg R, Singh S, **Bhatnagar R.**, “Rabies vaccines: where do we stand, where are we heading?” *Expert Rev Vaccines*, 2015, 14(3): 369-81
- [Garg R](#), [Tripathi D](#), [Kant S](#), [Chandra H](#), [Bhatnagar R](#), [Banerjee N.](#), “Conserved Hypothetical Protein Rv0574c Is Required for Cell Wall Integrity, Stress Tolerance and Virulence of *Mycobacterium tuberculosis*”. *Infection and immunity*. 2014, 83(1): 120-9
- Shashikala Verma, **Bhatnagar R.**, “MoxT toxin of *Bacillus anthracis* exhibits sequence specific ribonuclease activity”. *Biochemical and Biophysical Research Communication*, 2014, 450(2):998-1004
- Rajni Garg, Manpreet Kaur, **Bhatnagar R.**, “DNA vaccination for Rabies: Evaluation of Preclinical Safety and Toxicology”. *Trials in Vaccinology.*, 2014, [3](#): 73–80
- Shashikala Verma, Sudhir Kumar, Ved Prakash Gupta, Samudrala Gourinath, Sonika Bhatnagar, **Bhatnagar R.**, “Structural basis of *Bacillus anthracis* MoxXT disruption and the modulation of MoxT ribonuclease activity by rationally designed peptides”. *J. Biomol. Struct. Dyn.*, 2014, 33(33):606-24
- Gorantala J, Grover S, Rahi A, Chaudhary P, Rajwanshi R, Sarin NB, **Bhatnagar R.**, “Generation of Protective immune response against anthrax by oral immunization with protective antigen plant based vaccine”, *Journal of Biotechnology*, 2014, 176:1-10
- Alisha Dhiman, Sonika Bhatnagar, Parul Kulshreshtha and **Bhatnagar R.**, “Functional Characterization of WalRK: a Two Component Signal Transduction System from *Bacillus anthracis*”. *FEBS Open Bio*, 2014, 4: 65–76
- Gurudutta Panda, Trayambak Basak, Pooja Tanwer, Shantanu Sengupta, Vitor A.P. Martins dos Santos, **Bhatnagar R.**, “Delineating the Effect of Host Environmental Signals on a Fully Virulent Strain of *Bacillus anthracis* using an Integrated Transcriptomics and Proteomics Approach”. *Journal of Proteomics*, 2014
- Gurudutta panda, Pooja Tanwer, Salim Ansari, Devanshi Khare, **Bhatnagar R.** “Regulation and RNA binding properties of Hfq-like RNA chaperones in *Bacillus anthracis*, *BBA - General Subjects*, January 2015, Manuscript No.: BBAGEN-15-23R1.
- Garhyan J, Bhuyan S, Pulu I, Kalita D, Das B, **Bhatnagar R.**, “Preclinical and clinical evidence of *Mycobacterium tuberculosis* persistence in the hypoxic niche of bone marrow mesenchymal stem cells after therapy”, *The American Journal of Pathology*, March, 2015 (Accepted)
- **Balaji B.S.**, “A strain-promoted alkyne–azide cycloaddition (SPAAC) reaction of a novel EpCAM aptamer–fluorescent conjugate for imaging of cancer cells”, Nithya Subramanian, Jagadeesh Babu Sreemanthula, Baghavathi Balaji, Jagat R. Kanwar, Jyotirmay Biswas and Subramanian Krishnakumar, *Chem. Commun.*, 2014, 50, 11810-11813
- M. Jain and **Bhat R.**, “Modulation of human  $\alpha$ -synuclein aggregation by a combined effect of calcium and dopamine”, *Neurobiology of Disease*, 63, 115-128 (2014)
- S. Uppal, S, Salhotra, N. Mukhi, F. K. Zaidi, M. Seal, S. Ghosh Dey, **Bhat R.**, and S. Kundu, “Significantly enhanced heme retention ability of myoglobin engineered to mimic the third covalent linkage by non-axial histidine to heme (vinyl) in *Synechocystis* hemoglobin”, *J. Biol Chem.*, 290, 1979-93 (2015)
- [G. Rabbani](#), [E. Ahmad](#), [M. V. Khan](#), [M. T. Ashraf](#), **Bhat R.**, and [R. H. Khan](#), “Impact of structural stability of cold adapted *Candida antarctica* lipase B (CaLB): in relation to pH, chemical and thermal denaturation”, *RSC Adv.*, 5, 20115-20131(2015)
- **Chaturvedi R.**, de Sablet T, Asim M, Piazuelo MB, Barry DP, Verriere TG, Sierra JC, Hardbower DM, Delgado AG, Schneider BG, Israel DA, Romero-Gallo J, Nagy TA, Morgan DR, Murray-Stewart T, Bravo LE, Peek RM Jr, Fox JG, Woster PM, Casero RA Jr, Correa P, Wilson KT. “Increased *Helicobacter pylori*-associated gastric cancer risk in the Andean region of Colombia is mediated by

spermine oxidase". *Oncogene*. 2014 September 1. doi: 10.1038/onc.2014.273. [Epub ahead of print] PubMed PMID: 25174398; PubMed Central PMCID: PMC4345146

- Poindexter SV, Reddy VK, Mittal MK, Williams AM, Washington MK, Harris E, Mah A, Hiebert SW, Singh K, **Chaturvedi R.**, Wilson KT, Lund PK, Williams CS. "Transcriptional corepressor MTG16 regulates small intestinal crypt proliferation and crypt regeneration after radiation-induced injury". *Am J Physiol Gastrointest Liver Physiol*. 2015 March 5;308(6):G562-71. doi: 10.1152/ajpgi.00253.2014. Epub 2015 Jan 8. PubMed PMID: 25573176; PubMed Central PMCID: PMC4360050.
- Van Kaer L, Algood HM, Singh K, Parekh VV, Greer MJ, Piazuelo MB, Weitkamp JH, Matta P, **Chaturvedi R**, Wilson KT, Olivares-Villagómez D. "CD8 $\alpha$  $\beta$  innate-type lymphocytes in the intestinal epithelium mediate mucosal immunity". *Immunity*. 2014 September 18;41(3):451-64. doi: 10.1016/j.immuni.2014.08.010. Epub 2014 Sep 11. Erratum in: *Immunity*. 2014 Dec 18;41(6):1064. PubMed PMID: 25220211; PubMed Central PMCID: PMC4169715
- Gobert AP, Verriere T, Asim M, Barry DP, Piazuelo MB, de Sablet T, Delgado AG, Bravo LE, Correa P, Peek RM Jr, **Chaturvedi R**, Wilson KT. "Heme oxygenase-1 dysregulates macrophage polarization and the immune response to *Helicobacter pylori*". *J Immunol*. 2014 September 15;193(6):3013-22. doi: 10.4049/jimmunol.1401075. Epub 2014 August 8. PubMed PMID: 25108023; PubMed Central PMCID: PMC4171064
- Carbo A, Olivares-Villagómez D, Hontecillas R, Bassaganya-Riera J, **Chaturvedi R**, Piazuelo MB, Delgado A, Washington MK, Wilson KT, Algood HM. "Systems modeling of the role of interleukin-21 in the maintenance of effector CD4<sup>+</sup> T cell responses during chronic *Helicobacter pylori* infection". *MBio*. 2014 July 22; 5(4):e01243-14. doi: 10.1128/mBio.01243-14. PubMed PMID: 25053783; PubMed Central PMCID: PMC4120195
- **Chaturvedi R**, Asim M, Piazuelo MB, Yan F, Barry DP, Sierra JC, Delgado AG, Hill S, Casero RA Jr, Bravo LE, Dominguez RL, Correa P, Polk DB, Washington MK, Rose KL, Schey KL, Morgan DR, Peek RM Jr, Wilson KT. "Activation of EGFR and ERBB2 by *Helicobacter pylori* results in survival of gastric epithelial cells with DNA damage". *Gastroenterology*. 2014 June;146(7):1739-51.e14. doi:10.1053/j.gastro.2014.02.005. Epub 2014 February 13. PubMed PMID: 24530706; PubMed Central PMCID: PMC4035375
- Krakowiak MS, Noto JM, Piazuelo MB, Hardbower DM, Romero-Gallo J, Delgado A, **Chaturvedi R**, Correa P, Wilson KT, Peek RM Jr. "Matrix metalloproteinase 7 restrains *Helicobacter pylori*-induced gastric inflammation and premalignant lesions in the stomach by altering macrophage polarization". *Oncogene*. 2015 April 2; 34(14):1865-71. doi: 10.1038/onc.2014.135. Epub 2014 May 19. PubMed PMID:24837365; PubMed Central PMCID: PMC4237684.
- Wroblewski LE, Piazuelo MB, **Chaturvedi R**, Schumacher M, Aihara E, Feng R, Noto JM, Delgado A, Israel DA, Zavros Y, Montrose MH, Shroyer N, Correa P, Wilson KT, Peek RM Jr. "*Helicobacter pylori* targets cancer-associated apical-junctional constituents in gastroids and gastric epithelial cells". *Gut*. 2015 May; 64(5):720-30. doi: 10.1136/gutjnl-2014-307650. Epub 2014 Aug 14. PubMed PMID: 25123931; PubMed Central PMCID: PMC4329117
- Ahmad R, **Chaturvedi R**, Olivares-Villagómez D, Habib T, Asim M, Shivesh P, Polk DB, Wilson KT, Washington MK, Van Kaer L, Dhawan P, Singh AB. "Targeted claudin-2 expression renders resistance to epithelial injury, induces immunosuppression, and protects from colitis". *Mucosal Immunol*. 2014 November; 7(6):1340-53. doi: 10.1038/mi.2014.21. Epub 2014 March 26. PubMed PMID: 24670427; PubMed Central PMCID: PMC4221190
- A. Jadaun, D. R. Sudhakar, N. Subbarao, **Dixit Aparna**, "In silico screening for novel inhibitors of DNA polymerase III alpha subunit of *Mycobacterium tuberculosis* (MtbDnaE2 H37Rv)". *PLoS One*. 10(3):e0119760. doi: 10.1371/journal.pone.0119760. eCollection 2015
- M. Sharma and **Dixit Aparna**, "Identification and immunogenic potential of B cell epitopes of outer membrane protein OmpF of *Aeromonas hydrophila* in translational fusion with a carrier protein". *Appl Microbiol Biotechnol*. 2015 Jan 31. [Epub ahead of print]
- S. Karan, H. Kaushik, N. Saini, P. K. Sahoo, **Dixit Aparna**, & L. C. Garg, "Genomic cloning and sequence analysis of Interleukin-10 from *Labeo rohita*". *Bioinformation*, 10,623-629. doi: 10.6026/97320630010623, (2014)
- B. Bhatia, S. S. Ponia, A. K. Solanki, **Dixit Aparna**, L. C. Garg, "Identification of glutamate ABC-Transporter component in *Clostridium perfringens* as a putative drug target". *Bioinformation*, 10, 401-405, (2014)
- B. Bhatia, A. K. Solanki, H. Kaushik, **Dixit Aparna**, and L. C. Garg, "Expression, purification, and characterization of the B-cell epitope of *Clostridium perfringens* beta toxin genetically conjugated to a carrier protein". *Protein Expression and Purification*, 02, 38-44, (2014)

- P. Dash, P. K. Sahoo, P. K. Gupta, L. C. Garg and **Dixit Aparna**, "Immune responses and protective efficacy of recombinant outer membrane protein R (rOmpR)-based vaccine of *Aeromonas hydrophila* with a modified adjuvant formulation in rohu (*Labeo rohita*)". *Fish & Shellfish Immunology*, 39, 512-523, (2014)
- Navya Raj, Agnes Helen, N. Manoj, G. Harish, Vipin Thomas, Shailja Singh, Seema Sehrawat, Shaguna Seth, Achuthsankar S. Nair, Abhinav Grover, **Dhar Pawan K.**, "In silico study of peptide inhibitors against BACE 1". *Sys & Synth. Biol J*, in print (March, 2015)
- Remya Krishnan, Vinod Kumar, Vivek Ananth, Shailja Singh, Achuthsankar S. Nair, **Dhar Pawan K.**, "Computational identification of novel microRNAs and their targets in the malarial vector, *Anopheles stephensi*". *Sys & Synth. Biol J*, in print (February, 2015)
- Shidhi PR, Suravajhala P, Nayeema A, Nair AS, Singh S, **Dhar PK.**, "Making novel proteins from pseudogenes". *Bioinformatics*, 2015 January 1;31(1):33-9
- Reddy KS, Amlabu E, Pandey AK, Mitra P, Chauhan VS, **Gaur D.**, "A multi-protein complex between the GPI-anchored CyRPA with PfRH5 and PfRipr is crucial for *Plasmodium falciparum* erythrocyte invasion". *Proceedings of the National Academy of Sciences USA*.112 (4):1179- 1184, (2015)
- Tyagi C, Bathke J, Goyal S, Fischer M, Dahse HM, Chacko S, Becker K, **Grover A.** (2015) Targeting the intersubunit cavity of *Plasmodium falciparum* glutathione reductase by a novel natural inhibitor: Computational and experimental evidence. *International Journal of Biochemistry and Cell Biology* 61:72-80
- Gupta A, Jain R, Wahi D, Goyal S, Jamal S and **Grover A.** "Abrogation of AuroraA-TPX2 by novel natural inhibitors: Molecular dynamics based mechanistic analysis". *Journal of Receptors and Signal Transduction* (Accepted), (2015)
- Maindola P, Jamal S and **Grover A.** "Cheminformatics based machine learning models for AMA1- RON2 abrogators for inhibiting *Plasmodium falciparum* erythrocyte invasion". *Molecular Informatics* (Accepted), (2015)
- Wahi D, Jamal S, Goyal S, Singh S, Jain R, Rana P and **Grover A.** Cheminformatics models based on machine learning approaches for design of USP1/UAF1 abrogators as anticancer agents. *Systems and Synthetic Biology* DOI 10.1007/s11693-015-9162-1, (2015)
- Vats C, Gupta A, Dhanjal JK, Goyal S, Bharadvaja N and **Grover A.** "Mechanistic analysis elucidating the relationship between Lys96 mutation in Mycobacterium tuberculosis pyrazinamidase enzyme and pyrazinamide susceptibility". *BMC Genomics* 16(S2):S14, (2015)
- Gupta A, Jamal S, Goyal S, Jain R, Wahi D and **Grover A.** "Structural studies on molecular mechanisms of Nelfinavir resistance caused by non-active site mutation V771 in HIV-1 protease". *BMC Bioinformatics* (Accepted), (2015)
- Dhanjal JK, Sharma S, **Grover A** and Das A. "Use of ligand based pharmacophore modeling and docking approach to find novel acetylcholinesterase inhibitors for treating Alzheimer's". *Biomedicine and Pharmacotherapy* 71:146-152, (2015)
- Goyal S, Jamal S, Shanker A and **Grover A.** "Structural investigations of T854A mutation in EGFR and identification of novel inhibitors using structure activity relationships". *BMC Genomics* (Accepted), (2015)
- Raj N, Helen A, Manoj N, Harish G, Thomas V, Singh S, Sehrawat S, Seth S, Nair AS, **Grover A** and Dhar PK. "In silico study of peptide inhibitors against BACE 1", *Systems and Synthetic Biology* DOI 10.1007/s11693-015-9169-7, (2015)
- Dhanjal JK, Grover S, Sharma S, Singh AK and **Grover A.** "Structural insights into mode of actions of novel natural Mycobacterium protein tyrosine phosphatase B inhibitors". *BMC Genomics* 15(S1):S3, (2014)
- Tyagi C, Gupta A, Goyal S, Dhanjal JK and **Grover A.** "Fragment based group QSAR and molecular dynamics mechanistic studies on arylthioindole derivatives targeting the  $\alpha$ - $\beta$  interfacial site of human tubulin". *BMC Genomics* 15(S7):S6, (2014)
- Vats C, Dhanjal JK, Goyal S, Bharadvaja N and **Grover A.** "Computational design of novel flavonoid analogues as potential AChE inhibitors: analysis using group-based QSAR, molecular docking and molecular dynamics simulations". *Structural Chemistry* doi: 10.1007/s11224-014-0494-3, (2014)
- Goyal S, Dhanjal JK, Tyagi C, Goyal M and **Grover A.** "Novel fragment-based QSAR modelling and combinatorial design of pyrazole derived CRK3 inhibitors as potent anti-leishmanials". *Chemical Biology and Drug Design* 84(1):54-62, (2014)
- Goyal S, Grover S, Dhanjal JK, Goyal M, Tyagi C, Chacko S and **Grover A.** "Mechanistic insights into mode of actions of novel oligopeptidase B inhibitors for combating leishmaniasis". *Journal of Molecular Modeling* 20(3):2099, (2014)

- Soni S, Tyagi C, **Grover A.** and Goswami A. “Molecular modeling and molecular dynamics simulations based structural analysis of the SG2NA protein variants”. *BMC Research Notes* 7:446, (2014)
- Goyal M, Dhanjal JK, Goyal S, Tyagi C, Hamid R and **Grover A.** “Development of dual inhibitors against Alzheimer’s disease using fragment-based QSAR and molecular docking”. *Biomed Research International Article* ID 979606, (2014)
- Grover S, Dhanjal JK, Goyal S, **Grover A.**, and Sundar D., “Computational identification of novel natural inhibitors of glucagon receptor for checking type II diabetes mellitus”. *BMC Bioinformatics* 15(S16):S3, (2014)
- Dhanjal JK, Grover S, Paruthi P, Sharma S and **Grover A.** “Mechanistic insights into mode of action of a potent natural antagonist of orexin receptor-1 by means of high throughput screening and molecular dynamics simulations”. *Combinatorial Chemistry & High Throughput Screening* 17(2):124-31, (2014)
- Dhanjal JK, Nigam N, Sharma S, Chaudhary A, Kaul SC, **Grover A.**, Wadhwa R., “Embelin inhibits TNF-alpha converting enzyme and cancer cell metastasis: molecular dynamics and experimental evidence”. *BMC Cancer* 14:775, (2014)
- Patel K, Tyagi C, Goyal S, Dhanjal JK, Bharadvaja N, **Grover A.** “Curcumin-based IKK $\beta$  inhibiting anticancer lead design using novel fragment based group QSAR modeling”. *Medicinal Chemistry Research* DOI 10.1007/s00044-014-1274-8, (2014)
- **Maitra S. S.**, Neha Singh and R. Khatri, Shailendra Yadav, “Effect of temperature variations and inorganic phosphate concentrations upon tetracycline production by *Streptomyces aureofaciens*”, *International Journal of Biotechnology and Biochemistry*, Vol. 10 No.2 October, 2014, page 175-185
- Shukla Pal, S.K. Gupta, T R. Sreekrishnan and **Maitra S. S.**, “Determination of physico-chemical parameters for prediction of MSW leachate transport through vadose zone by break through curve in a realistic undisturbed soil column”, *Journal of Environmental Science and Engineering* (NEERI) Vol. 56 No.2 April, 2014, page179-192
- Shailendra Yadav, **Maitra S. S.**, Shukla Pal, Neha Singh, S.K. Gupta, S.K. Ghosh, T.R. Sreekishnan “Accumulation of lactic acid during bio-digestion of municipal solid waste leachate and identification of indigenous lactic acid bacteria in leachate”, *Journal of hazardous and toxic and radioactive waste: (American Society of Civil Engineers )*, Published online 6 March, 2014, Print 18(4) October, 2014
- **Maitra S. S.**, Vinay Kumar and Rohit Shukla, “Metagenomics: The Data Assembly and Data Analysis Perspective”, *Journal of Institution of Engineers: Section A: Environmental Engineering*. DOI 10.1007/s40030-014-0102-y A Vol. 96(1) January – March, 2015 : page71–83
- **Maitra S. S.**, Brijesh Kumar SailendraYadav, S.K. Ghosh, B. Tiwary, “Cross-reactivity of prokaryotic 16S rRNA gene-specific primers with genomes from eukaryotic organisms from marshlands”, *Journal of Biology and Nature* Vol. 2 issue 2 page 58 -68, 2015
- Chih-Chin Chen, Rupali Walia, **Mukherjee K.J.**, Subhashree Mahalik and David K. Summers “Indole generates quiescent and metabolically active *E. coli* cultures”, *Biotechnology Journal*, 16 January, 2015 | DOI: 10.1002/biot.201400381
- Shubhashree Mahalik, Ashish K Sharma and **Mukherjee K.J.**, “Genome engineering for improved recombinant protein expression in *Escherichia coli*” *Microbial Cell Factories* 2014, 13:177 doi:10.1186/s12934-014-0177-1
- [Arun K. Upadhyay](#), [Anupam Singh](#), **Mukherjee K.J.**, and [Amulya K. Panda](#) “Refolding and purification of recombinant L-asparaginase from inclusion bodies of *E. coli* into active tetrameric protein”, *Front Microbiol.* 2014; 5: 486. Published online 2014 Sep 15. doi: 10.3389/fmicb.2014.00486
- A Singh & **Pati U.**, “CHIP stabilizes amyloid precursor protein via proteasomal degradation and p53-mediated trans-repression of  $\alpha$ -secretase”, *Aging Cell* (2015), 1-10, Doi: 10.1111/accel.12335
- Mohammad Azam, Saud I. Al-Resayesa, Agata Trzesowska-Kruszynskab, Rafal Kruszynsk, Ambarish Verma, **Pati U.**, “Apoptosis induction by chiral anionic binuclear Zn(II) complexes based on (1S,2S)-(+)-Cyclohexanediamine in HCT cells with different p53 status”, *Inorganic Chemistry* (2014)46
- Lao J, **Sharma MK**, Sharma R, Gonzalez Fernandez-Nino SM, Schmutz J, Ronald PC, Heazlewood JL and Schwessinger B., “Proteome profile of the endomembrane of developing coleoptiles from switchgrass (*Panicumvirgatum*)”. *Proteomics*, DOI: 10.1002/pmic.201400487, (2015)
- Sharma AK, **Sharma MK.**, “Plants as host for recombinant DNA”. *Gene and its Engineering*; Edited by H. K. Das pp 410-433, (2014)
- Kiera L. Clayton, Matthew B. Douglas-Vail, A. K. M. Nur-urRahman, Karyn E. Medcalf, Irene Y. Xie, Glen M. Chew, **Tandon Ravi**, “Soluble T Cell Immunoglobulin Mucin Domain 3 Is Shed from CD8+ T Cells by the SheddaseADAM10, Is Increased in Plasma during Untreated HIV Infection, and

Correlates with HIV Disease Progression”, co-authored by Kiera L. Clayton, *Journal of Virology*, January 2015, doi:10.1128/JVI.00006-15

- **Tiwari, S.**, Tripathy B. C., Jajoo A., Das, A. B., Murata, N., Sane, P. V., Govindjee, “Prasanna K. Mohanty (1934–2013)Ω a great photosynthetiker and a wonderful human being who touched the hearts of many”. *Photosynth. Res.*, 2014, 122: 235-260

## Books

- **Arya R.**, Jamal SM, Bora RS., and Saini KS. Optimization of Culture Parameters and Novel Strategies to Improve Protein Solubility. Book\_307540\_García-Fruitós\_Insoluble Proteins\_Chapter\_3. Springer Science+Business Media New York, 2015
- Vikram Singh and **Dhar Pawan K.**. Textbook of Systems and Synthetic Biology. ISBN 978- 94-017-9514-2, Springer 2015.

## Patent

- **Bhattacharya J.**, US patent Granted: Detector For Chemical Compounds Patent NO.: US 8,951,783 B2, Date of Patent: 10 February, 2015

## School of Computational and Integrative Sciences

### Journals/Research Articles

- **Bandyopadhyay Pradipta**, Sabeeha Hasnain, Christopher L. McClendon, Monica T. Hsu, Matthew P. Jacobson, “A New Coarse-Grained Model for *E. coli* Cytoplasm: Accurate Calculation of the Diffusion Coefficient of Proteins and Observation of Anomalous Diffusion”, *PLOS ONE*, DOI: 10.1371/journal.pone.0106466, (2014)
- **Bandyopadhyay Pradipta**, Nityananda Sahu, Shridhar R. Gadre, Avijit Rakshit, Evangelos Miliordos and Sotiris S. Xantheas, “Low energy isomers of (H<sub>2</sub>O)<sub>25</sub> from a hierarchical method based on Monte Carlo temperature basin paving and molecular tailoring approaches benchmarked by MP2 calculations”, *J. Chem. Phys.* 141, 164304 (2014)
- **Bandyopadhyay Pradipta**, Priya Singh and Subir K. Sarkar, “Wang-Landau density of states based study of the folding-unfolding transition in the mini-protein Trp-cage (TC5b)”, *J. Chem. Phys.* 141, 015103 (2014)
- **Bandyopadhyay Pradipta**, Sabeeha Hasnain, Matthew P. Jacobson, “A comparative Brownian dynamics investigation between small linear and circular DNA: Scaling of diffusion coefficient with size and topology of DNA”, *Chem. Phys. Lett.*, 591 253–258
- **Chakraborti Anirban**, D. Challet, A. Chatterjee, M. Marsili, Y.C. Zhang, B.K. Chakrabarti, “Statistical mechanics of competitive resource allocation using agent-based models”, *Physics Reports* 552, 1–25 (2015)
- **Chakraborti Anirban**, Palash Nath, and Dirtha Sanyal, “Ab initio calculation of magnetic properties of p-block element doped ZnO”, *RSC Adv.* 4, 45598- 45602 (2014)
- **Krishnamachari Annangarachari**, Harsh Parikh, Apoorvi Singh and Kushal Shah, “Computational prediction of origin of replication in bacterial genomes using correlated entropy measure (CEM)”, *Biosystems*, Volume 128, Pages 19 – 25, February, 2015
- **Lynn Andrew**, Pankaj Narang, Shawez Khan, Anmol J Hemrom, OSDD, “MetaNET-a web-accessible interactive platform for biological metabolic network analysis.” *BMC Systems Biology* 8.1: 130 (2014)
- **Lynn Andrew**, Singh, Shilpi and Urmi Bajpai, “Structure based virtual screening to identify inhibitors against MurE Enzyme of Mycobacterium tuberculosis using AutoDock Vina”. *Bioinformatics* 10.11: 697, (2014)
- **Lynn Andrew**, Qayum, Abdul, and Rakesh Arya. “Traditional Knowledge System Based GIS Mapping of Antimalarial Plants: Spatial Distribution Analysis.” *Journal of Geographic Information System* 6.05: 478, (2014)
- **Lynn Andrew**, Sinha, Swati, “HMM-ModE: implementation, benchmarking and validation with HMMER3”. *BMC research notes* 7 (1), 483
- **Lynn Andrew**, Kumari, Rashmi, Rajendra Kumar, OSDD, “g\_mmpbsa A GROMACS Tool for High-Throughput MM-PBSA Calculations.” *Journal of Chemical Information and Modeling* 54.7: 1951-1962, (2014)
- **Ghosh Indira**, Rama Kaalia, Amit Kumar, and Ashwin Srinivasan, “An Ab Initio Method for Designing Multi-Target Specific Pharmacophores using Complementary Interaction Field of Aspartic Proteases”. *Mol. Inf.*, 34, 2 –16, (2015)
- **Ghosh Indira**, Khan, Taushif, “Modularity in protein structures: A study on all alpha proteins”. *Journal of Biomolecular Structure & Dynamics* <http://dx.doi.org/10.1080/07391102.2014.1003969>, February, 2015
- **Ghosh Indira**, Amit Kumar, Nidhi Agarwal, Lalit Pant, Jay Prakash Singh, Naidu Subbarao, “PfalDB: An Integrated Drug Targets and Chemical Database for *Plasmodium falciparum*”. *Current Drug Targets*, 15,12,1089-1093, (2014)
- **Singh Brojen R.K.**, G.R. Devi and Md.J. Alam, “Synchronization in stress p53 network”. *Math. Med. Biol.* (2015) doi: 10.1093/imammb/dqv002
- **Singh Brojen R.K.**, Md.J. Alam, S. Kumar and V. Singh. “Bifurcation in cell cycle dynamics regulated by p53”. *PloS One* (2015) DOI: 10.1371/journal.pone.0129620
- **Singh Brojen R.K.**, Md.J. Alam, and V. Singh, “Switching Mechanism in the p53 Regulatory Network”. *Chapter, Syst. And Synthetic Biol.* 195-216 (2015)
- **Singh Brojen R.K.**, Kh. Kabita, B. I. Sharma, J. Maibam and R.K. Thapa, “Structural Phase Transition of Indium Arsenide under induced pressure: A Density functional theory study”. *J. Appl. Fund. Sc.* 1, 2395-5562 (2015)

- **Singh Brojen R.K.**, M Jameson, Kh. Kabita, B.I. Sharma, B. Ramendu, RK Thapa. "Density Functional Theory: Band Structure". *Inv. J. Renew. Energy* 5, 2231-3419 (2015)
- **Singh Brojen R.K.**, Kh. Kabita, M Jameson, B.I. Sharma, RK Thapa, "First principle study on pressure-induced electronic structure and elastic properties of indium phosphide (InP)". DOI:10.1007/s12648-015-0701-0 (2015)
- **Subbarao Naidu**, Kamaldeep Gill, Lokesh Nigam, Ratnakar Singh, Suresh Kumar, Dhyam Singh Chauhan, Sharmistha Dey. "The Rational Design of Specific Peptide Inhibitor against p38 $\alpha$  MAPK at Allosteric-Site: A Therapeutic Modality for HNSCC". *PlosOne* 9 (7), e101525 (2014)
- **Subbarao Naidu**, Yachana Jha, Gaurav Sablok, Raja Sudhakar, M. H. U. Turabe Fazil, R. B. Subramanian, Andrea Squartini and Sunil Kumar, "Bacterial-induced expression of RAB18 protein in *Orzya sativa* salinity stress and insights into molecular interaction with GTP ligand". *Journal of Molecular Recognition* 27 (9), 521-527 (2014)
- **Subbarao Naidu**, Mohd H Baig; D Raja Sudhakar; Ponnusamy Kalaiarasan; Gulshan Wadhawa; Mohtashim Lohani; Asad U Khan "Effect of inhibitor resistant S130G mutant on physico-chemical properties of SHV type beta-lactamase". *PLOSOne*, 9(12), e112456 (2014)
- **Subbarao Naidu**, Ponnusamy Kalaiarasan, Rameshwar NK Bamezai, "Molecular simulation of Tyr105 phosphorylated Pyruvate kinase M2 to understand its Structure and Dynamics". in *Journal of Molecular Modeling* 20,9,1-12 (2014)
- **Subbarao Naidu**, Amit Kumar, Nidhi Agarwal, Lalit Pant, Jay Prakash Singh, Indira Ghosh, "PfalDB: An Integrated Drug Targets and Chemical Database for *Plasmodium falciparum*". *Current Drug Targets*, 15,12,1089-1093 (2014)
- **Subbarao Naidu**, Vijayan Ramachandran, Manoharan Natesan, "Homology modeling of LAMMER kinase of *Plasmodium falciparum* and to identify the interaction of critical residues involved in binding of ATP by Molecular docking simulation study", *International Journal of Advanced Life Sciences*, 7,2,311-320 (2014)
- Ankit Verma, **Vig Lovekesh**, "Using Convolutional Neural Networks to Discover Congnitively Validated Features for Classification", *ISCM*, 2014, an International Conference on "Soft Computing and Machine Intelligence", (ISCM), 2014 pp. 33 – 37, doi:10.1109/ISCM.2014.17
- **Vig Lovekesh**, Amit Srivastava, Rupali Chopra, Shafat Ali, Shweta Agarwal and Ramesh Bamezai, "Inferring population structure and relationships using minimal independent markers in Y-chromosome: a hybrid approach of recursive feature selection for hierarchical clustering", *Nucleic Acids Research*, 42 (15), 2014

## Books

- **Chakraborti, Anirban**, F. Abergel, H. Aoyama, B. K. Chakrabarti, and A. Ghosh, "Econophysics and Data Driven Modelling of Market Dynamics", Eds. (Springer, Milan, 2015)

## Chapters in Books

- **Chakraborti Anirban**, Yoshi Fujiwara, Asim Ghosh, Jun-ichi Inoue and Sitabhra Sinha, "Physicists' Approaches to a Few Economic Problems", in (Eds.) F. Abergel, H. Aoyama, B. K. Chakrabarti, A. Chakraborti and A. Ghosh, *Econophysics and Data Driven Modelling of Market Dynamics* (Springer, Milan, 2015)
- **Chakraborti Anirban**, M. Banerjee and J. Inoue, "Maximizing a Psychological Uplift in Love Dynamics", in (Eds. R.) Lopez-Ruiz, D. Fournier-Prunaret, Y. Nishio, C. Gracio, *Nonlinear Maps and their Applications*, Springer Proceedings in Mathematics & Statistics (Springer International Publishing, Switzerland, 2015)
- **Chakraborti Anirban**, and S.Goswami, "Kinetic Exchange Models in Economics and Sociology", in (Eds.) R. Lopez-Ruiz, D. Fournier-Prunaret, Y. Nishio, C. Gracio, *Nonlinear Maps and their Applications*, Springer Proceedings in Mathematics & Statistics (Springer International Publishing, Switzerland, 2015)

## Book Review

- **Chakraborti, Anirban**, "Essentials of Econophysics Modelling", *Physics Today* 68, 1, 44; Book written by Frantisek Slanina, Oxford U. Press, 2014. (411 pp.), (2015)

## School of Computer and Systems Sciences

### Research Papers in Journals

- **Agrawal R. K.**, (with B Rana, A Juneja, M Saxena, S Gudwani, SS Kumaran, Madhuri Bihari), "Regions-of-Interest based Automated Diagnosis of Parkinson's Disease using T1-weighted MRI", *Expert Systems with Applications*, 42 (9), 4506-4516, 2015
- **Agrawal R. K.**, (with Hanuman Verma, Naveen Kumar), "Improved Fuzzy Entropy Clustering Algorithm for MRI Brain Image Segmentation", *International Journal of Imaging Systems & Technology Journal*, 24(4), 277-283, 2014
- **Agrawal R. K.**, (with Navjot Singh), "Combination of Kullback-Leibler Divergence and Manhattan Distance Measures as a Center-surround Feature Statistics to Detect Salient Object", *Signal Image and Video Processing*, 9(2), 427-435, 2015
- **Agrawal R. K.**, (N Kumar, A Jaiswal), "Incremental and Decremental Exponential Discriminant, Analysis for Face Recognition", *International Journal of Computer Vision and Image Processing*, 4 (1), 40-55, 2014
- **Agrawal R. K.**, (Ratnadip Adhikari), "A linear hybrid methodology for improving accuracy of time series forecasting", *Neural Computing and Applications*, 25 (2), 269-281, 2014
- **Agrawal R. K.**, (with B Rana, A Juneja, M Saxena, S Gudwani, SS Kumaran), "A machine learning approach for classification of Parkinson's disease and controls using T1-weighted MRI", *Movement Disorders*, 29, S88-S89, 2014
- Awal, G.K. and **Bharadwaj, K.K.**, "Team formation in social networks based on collective intelligence --- an evolutionary approach." *Applied Intelligence*, vol. 41, issue 2, Springer
- Latha Banda and **Bharadwaj, K.K.** "An Approach to Enhance the Quality of Recommendation Using Collaborative Tagging." *International Journal of Computational Intelligence Systems*, vol. 7, issue 4, Taylor & Francis
- Rajesh Kumar, **Kumar Sushil**, Diksha Shukla, Ram Shringar Raw, Omprakash Kaiwartya "Geometrical Localization Algorithm for Three Dimensional Wireless Sensor Networks", *Wireless Personal Communications*, Springer, November, 2014, Volume 79, Issue 1, pp 249-264
- Upasana Dohare, D. K. Lobiyal, **Kumar Sushil**, "Energy Balanced Model for Lifetime Maximization in Randomly Distributed Wireless Sensor Networks", *Wireless Personal Communications*, Springer, September 2014, Volume 78, Issue 1, pp 407-428
- Omprakash Kaiwartya, **Kumar Sushil**, D. K. Lobiyal, Abdul Hanan Abdullah and Ahmed Nazar Hassan, "Performance Improvement in Geographic Routing for Vehicular Ad Hoc Networks", *Sensors* 2014, 14(12), 22342-22371; doi:10.3390/s141222342
- Omprakash Kaiwartya, **Kumar Sushil**, D. K. Lobiyal, Pawan Kumar Tiwari, Abdul Hanan Abdullah, and Ahmed Nazar Hassan, "Multi-objective Dynamic Vehicle Routing Problem and Time Seed Based Solution Using Particle Swarm Optimization", *Journal of Sensors*, Volume 2015 (2015), Article ID 189832, 14 pages <http://dx.doi.org/10.1155/2015/189832>
- Omprakash Kaiwartya and **Kumar Sushil**, "Guaranteed Geocast Routing (GGR) in Vehicular Adhoc Networks for Highways Environment", *Wireless Personal Communications*, Springer, April, 2015, DOI 10.1007/s11277-015-2562-4
- Ram Shringar Raw, D. K. Lobiyal, Sanjoy Das, **Kumar Sushil**, "Analytical Evaluation of Directional-Location Aided Routing Protocol for VANETs", *Wireless Personal Communications*, February 2015, DOI 10.1007/s11277-015-2320-7
- Ajay Sikandar and **Kumar Sushil**, "Performance Analysis of Channel Access Model for Mac in Randomly Distributed Wireless Sensor Networks", *International Journal of Computer Networks & Communications (IJCNC)*, Vol.6, No.5, September 2014, pp. 99-110
- Ajay Sikandar and **Kumar Sushil**, "Energy Efficient Clustering in heterogeneous Wireless Sensor Network", *International Journal of Computer Networks & Communications (IJCNC)*, Vol.7, No.2, March 2015, pp. 19-31.
- Puspendra Patel and **Lobiyal D. K.**, "A Simple but Effective Collision and Error Aware Adaptive Back-off Mechanism to Improve the Performance of IEEE 802.11 DCF in Error-Prone Environment", *Wireless Personal Communication*, Springer, vol. 77, no. 2, 2014 (DOI 10.1007/s11277-015-2460-9), March 2015
- Puspendra Patel and **Lobiyal D. K.**, "A Simple but Effective Contention Aware and Adaptive Back-off Mechanism for Improving the Performance of IEEE 802.11 DCF", *Wireless Personal Communication*, Springer, vol. 77, no. 2, 2014 (DOI 10.1007/s11277-015-2477-0), March 2015

- Ram Shringar Raw, **Lobiyal D. K.**, Sanjoy Das, and Sushil Kumar, “Analytical Evaluation of Directional-Location Aided Routing Protocol for VANETs”, *Wireless Personal Communication, Springer*, vol. 77, no. 2, 2014 (DOI 10.1007/s11277-015-2320-7), March, 2015
- Sohan Kumar Yadav, **Lobiyal D. K.**, “Performance Evaluation of Power Efficient MAC Protocol for MANETs”, *International Journal of Scientific & Engineering Research*, Volume 6, Issue 3, March-2015 494 ISSN 2229-5518, pp. 494-99
- Omprakash Kaiwartya, Sushil Kumar, **Lobiyal D. K.**, Abdul Hanan Abdullah, Ahmed Nazar Hassan, “Performance Improvement in Geographic Routing for Vehicular Ad hoc Networks”, *Sensors*, Vol. 14, Issue 12, MDPI AG, Basel, Switzerland, 2014
- Amita Jain and **Lobiyal D. K.**, “A New Approach for Unsupervised Word Sense Disambiguation in Hindi Language using Graph Connectivity Measures”, *International Journal of Artificial Intelligence and Soft Computing*, Vol. 4 No. 4; Inderscience Publishers, 2014, pp. 318-334
- Adwitiya Sinha and **Lobiyal D. K.**, “Probabilistic Data Aggregation in Information-based Clustered Sensor Network”, *Wireless Personal Communication, Springer*, vol. 77, no. 2, 2014 (DOI 10.1007/s11277-013-1566-1)
- Upasana Dohare, **Lobiyal D. K.**, and Sushil Kumar “Energy Balanced Model for Lifetime Maximization in Randomly Distributed Wireless sensor networks”, *Wireless Personal Communication, Springer*, DOI 10.1007/s11277-014-1759-2, April 2014
- Anil Kumar Sagar and **Lobiyal D. K.**, “Coverage and Lifetime Maximization of Wireless Sensor Network with Multi-objective Evolutionary Algorithm”, *International Journal of Scientific & Engineering Research*, Volume 5, Issue 6, June 2014 pp. 1194 - 1203 (ISSN 2229-5518)
- Indrani Das, **Lobiyal D. K.**, and C.P Katti, “Effect of Node Mobility on AOMDV Protocol in MANET”, *International Journal of Wireless & Mobile Networks, (IJWMN)* Vol. 6, No. 3, June 2014
- Indrani Das, **Lobiyal D. K.**, and C.P Katti, “Effect of Mobility Models on the Performance of Multipath Routing Protocol in MANET”, *International Journal of Computer Science & Information Technology*, Vol. 6 Issue 4, p149, 2014
- Vipin Kumar and **Minz Sonajharia**, “Multi-Objective Particle Swarm Optimization: An Introduction,” *Smart Computing Review*, Korea Academia-Industrial Cooperation Society (KAIS), Vol. 4, No.05, pp-335-353, October, 2014
- **Raza Zahid**, and Sajid, Mohammad, “An Analytical Model to characterize the Resource Requirement Limits of a Parallel Job in Homogeneous Environment”, *International Journal of Distributed Systems and Technologies (IJDST)*, Volume 6, Issue 1, 2015, pp. 34-52
- Siddiqi S, **Sharan A**, “Keyword and Keyphrase Extraction Techniques: A Literature Review”, *International Journal of Computer Applications*, 109(2):18-23, January, 2015
- Dileep Kumar Yadav and **Singh Karan**, “Motion Based Object Detection in Real-Time Visual Surveillance System Using Adaptive Learning”, *Journal of Information Assurance and Security*, ISSN: 1554-1010, Volume 10, Issue 2, 2015
- **Vidyarthi Deo Prakash**, with Shiv Prakash, “Maximizing Availability for Task Scheduling in Computational Grid using GA”, *Concurrency and Computation: Practice and Experience*, Volume 27, 2015, pp. 193-210, IF: 1.322
- **Vidyarthi Deo Prakash**, with Neetesh Kumar, “Improved Scheduler for Multi-Core Many-Core Systems”, *Int. J. of Computing*, Volume 96, Issue 11, 2014, pp. 1087-1110, IF: 1.055
- **Vidyarthi Deo Prakash**, with Achal Kaushik, “Green Energy Model for Grid Resource Allocation: A Graph Theoretic Approach”, *International Journal of Grid and High Performance Computing*, 6(2), 52-73, April – June, 2014
- **Vidyarthi Deo Prakash**, with Achal Kaushik, “A Green Energy Model for Resource Allocation in Computational Grid”, *The Computer Journal Advance Access*, published, 16 August, 2014 IF: 1.024
- **Vidyarthi Deo Prakash**, with Isha Pathak, “A Graph Theoretic Algorithm for Virtual Network Embedding”, *International Journal of Business Data Communications and Networking*, Volume 10, issue 2, April – June, 2014, pp.1-14
- **Vidyarthi Deo Prakash**, with Shiv Prakash, “A Hybrid GABFO Scheduling for Optimal Makespan in Computational Grid”, *International Journal of Applied Evolutionary Computation*, Volume 5 issue 3, July-September 2014 pp. 58-84
- **Vidyarthi Deo Prakash**, with Shiv Prakash, “A Hybrid Immune Genetic Algorithm for Scheduling in Computational Grid”, *International Journal on Bio-Inspired Computation*, Vol. 6, No. 6, 2014, pp. 396-408 IF: 1.681
- **Vijay Kumar, T.V.**, (with Shina Panicker), “Distributed Query Plan Generation using Multi-Objective Genetic Algorithm”, *The Scientific World Journal*, Hindawi Publishing Corporation, Volume 2014, Article ID 628471

- **Vijay Kumar, T.V.**, (with Santosh Kumar), “Materialized View Selection using Differential Evolution”, *International Journal of Innovative Computing and Applications (IJICA)*, Inderscience Publishers, Volume 6, Number 2, pp. 102-113, 2014
- **Vijay Kumar, T.V.**, (with Manisha Rathee), “DNA Fragment Assembly using Multi-objective Genetic Algorithms”, *International Journal of Applied Evolutionary Computation (IJAE)*, IGI Global, Volume 5, Number 3, July – September, pp. 84-108, 2014
- **Vijay Kumar, T.V.**, (with Mohammad Haider), “Query Answering Based View Selection”, *International Journal of Business Information Systems (JBIS)*, Inderscience Publishers, Volume 18, Number 3, pp. 338-353, 2015
- **Vijay Kumar, T.V.**, (with Rahul Singh and Amit Kumar), “Distributed Query Plan Generation using Ant Colony Optimization”, *International Journal of Applied Metaheuristic Computing (IJAMC)*, IGI Global, Volume 6, Number 1, pp. 1-22, 2015

## Chapters in Books

- Vinti Agarwal and **Bharadwaj K. K.**, “Friends Recommenders in Dynamic Social Networks”, R. Alhaji, J.Rokne (eds.). *Encyclopedia of Social Network Analysis and Mining*, Springer, 2014
- **Choudhary Ayesha**, Santanu Chaudhury, “Gait Recognition Based Online Person Identification in a Camera Network”, Book Title *Computer Vision - ACCV 2014, Workshops*, Springer International, Publishing, Switzerland, 2014
- **Choudhary Ayesha**, Shubham Sharma, Indu Sreedevi, Santanu Chaudhury, “Real-Time Distributed Multi-Object Tracking in a PTZ Camera Network”, To be published in *Springer LNCS 9124*, Chapter 18, 2015
- Singh, Jagendra, and **Sharan Aditi**, “Co-occurrence and Semantic Similarity Based Hybrid Approach for Improving Automatic Query Expansion in Information Retrieval”, *Distributed Computing and Internet Technology*, Springer International Publishing, 2015. 415-418

## Conference/Seminar Paper

- **Agrawal R. K.**, (Nitin Kumar, Ajay Jaiswal), “A Comparative Study of Linear Discriminant and Linear Regression Based Methods for Expression Invariant Face Recognition”, *Advances in Signal Processing and Intelligent Recognition Systems*, pp. 23-32, 2014
- **Agrawal R. K.**, (with, A Juneja, B Rana), “A Novel Approach for Computer Aided Diagnosis of Schizophrenia using Auditory Oddball Functional MRI”, *Proceedings of the 2014 Indian Conference on Computer Vision, Graphics and Image Processing, ICVGIP'14*, Bangalore, India, ACM 2014, 37, 1-6
- Latha Banda and **Bharadwaj K.K.**, “Evaluation of Collaborative Filtering Based on Tagging with Diffusion Similarity Using Gradual Decay Approach”, *Proceedings of the Second International Conference on Advanced Computing, Networking and Informatics (ICACNI-2014)*, Springer, pp 421-428, 2014
- Latha Banda and **Bharadwaj K.K.**, “E-FCM Algorithms for Collaborative Tagging System”, *Proceedings of the 3<sup>rd</sup> International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2014)*, *Advances in Intelligent Systems and Computing*, Volume 327, Springer, pp 89-97, 2014
- Latha Banda and **Bharadwaj K.K.**, “Evaluation of Collaborative Tagging using GA with JEC Similarity Measure”. *Proceeding of the second international conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA 2014)*, Volume 3, 2014, Elsevier, pp 835-840, 2014
- Anil Kumar Giri, **Lobiyal D. K.**, and C. P. Katti, “Parameter Value Optimization of Ad-hoc On Demand Multipath Distance Vector Routing using Particle Swarm”, in *Procedia Computer Science*, *International Conference on Information and Communication Technologies (ICICT 2014)*, India
- Indrani Das, **Lobiyal D. K.**, and C.P Katti, “Effect of Mobility Models on the performance of Multipath Routing Protocol in MANET”, in the *Proceeding of international conference on Wireless and Mobile Network (WiMon)*, 24 – 25 May, 2014, pp. 149-155, Delhi India
- Amita Jain and **Lobiyal D. K.**, “Unsupervised Hindi Word Sense Disambiguation based on network Agglomeration”, *Proceedings of India Com*, 12 – 13 March, 2015 (To appear in *IEEE Explorer*)

- Rohini Sharma and **Lobiyal D. K.**, “Proficiency Analysis of AODV, DSR and TORA Ad-hoc Routing Protocols for Energy Holes Problem in Wireless Sensor Networks”, (ICRTC, 2015), Procedia Computer Science 2015
- Savita Singh and **Lobiyal D. K.**, “Location Information and Inter-Contact based Routing approach for Delay Tolerant Networks”, (ICRTC, 2015), Procedia Computer Science 2015
- Anil Kumar Giri, **Lobiyal D. K.**, and C.P. Katti, “Optimization of Value Parameters in A-hoc On Demand Multipath Distance Vector Routing using Teaching-Learning Based Optimization”, Procedia Computer Science 2015
- Rohini Sharma and **Lobiyal D. K.**, “Energy Based Proficiency Analysis of Ad-hoc Routing Protocols in Wireless Sensor Networks”, International Conference on Advances in Computer Engineering and Applications (ICACEA), 2015
- Omprakash Kaiwartya and **Kumar Sushil**, “Geo PSO: Geocasting through Particle Swarm Optimization in Vehicular Adhoc Networks”, In Proceedings of Information Systems and Design of Communication (ISDOC 2014), ACM, pp. 62-66, May 2014, Portugal
- Ajay Sikandar and **Kumar Sushil**, “Performance Analysis of Interference Aware Power Control Scheme for TDMA in WSNs,” International Conference on advance Computing, Networking and informatics (ICACNI), Springer, Vol.28, June, 2014, pp. 95-101.
- Aarti Singh, **Kumar Sushil**, Omprakash Kaiwartya, “A Hybrid Localization Algorithm for Wireless Sensor Networks”, 3<sup>rd</sup> International Conference on Recent Trends in Computing 2015 (ICRTC-2015) Ghaziabad, India. 12 – 13 March, 2015
- Durga Prasad Dora, **Kumar Sushil**, and Omprakash Kaiwartya “Route Detection using Segmented Path Vector (RD-SPV) based connectivity-aware Geocast Routing in VANETs”, In Proceedings of International Conference on Futuristic Trends in Computational analysis and Knowledge management, IEEE, Noida, India, 25 – 27 February, 2014
- Prem Shankar Singh Aydav, **Minz Sonajharia**, “Exploring Self Learning for spatial-spectral classification of remote sensing images” IEEE-ICCCI-2015, January, 2015
- **Minz Sonajharia**, and Vipin Kumar, “Reinforced Multi-view Ensemble Learning for High Dimensional Data Classification,” international conference on Communication and Computing (ICC-2014), ELSEVIER, August, 2014
- Prem Shankar Singh Aydav, **Minz Sonajharia**, “Soft Subspace Fuzzy C-Means with Spatial Information for Clustering of Hyper spectral Images”, Krishi Sanskriti-ACSEICT-2014, September, 2014
- Prem Shankar Aydav and **Minz Sonajharia**, “Generalized Fuzzy C-Means with Spatial Information for Clustering of Remote Sensing Images”, IEEE International Conference in Data Mining and Intelligent Computing, September, 2014
- Vipin Kumar and **Minz Sonajharia**, “Multi-view Ensemble Learning for Poem Data Classification using Senti Word Net,” 2<sup>nd</sup> International Conference on Advanced computing, Networking, and Informatics (ICACNI-2014), Smart Innovation, Systems and Technologies, Springer Verlag (ISSN: 2190-3018), June, 2014
- **Minz Sonajharia**, and Vipin Kumar, “Reinforced Multi-view Ensemble Learning for High Dimensional Data Classification,” international conference on Communication and Computing (ICC-2014), ELSEVIER, June, 2014
- **Raza Zahid**, and Krishan Veer Singh, “A GA Based Job Scheduling Strategy For Computational Grid”, international conference on Advances in Computer Engineering and Applications (ICACEA-2015), IMS Engineering College, Ghaziabad, India, 19 – 20 March, 2015; (Best Paper Award)
- **Raza Zahid**, and Dinesh Kumar, “A PSO based VM Resource Scheduling Model for Cloud Computing”, IEEE international conference on Computational Intelligence & Communication Technology (CICT’15), ABES Engineering College, India, 13 – 14 February, 2015, pp. 213-219
- **Raza Zahid**, and Shahid, Mohammad, “Performance Evaluation of Static Level Based Batch Scheduling Strategy for Computational Grid”, international conference on Parallel, Distributed and Grid Computing, Jaypee University of Information technology, Solan, 11 – 13 December, 2014, pp. 169-175
- **Raza Zahid**, and Shahid, Mohammad, A Precedence Based Load Balancing Strategy for Batch of DAGs for Computational Grid”, international conference on Contemporary Computing and Informatics (IC3I’14), SJCE, Mysore, 27 – 29 November, 2014, pp. 1289-1295
- Nidhi Malik, **Sharan Aditi**, “Question Classification using domain specific semantic features”, international conference on contemporary computing and informatics, Mysore, November, 2014

- Nidhi Malik, **Sharan Aditi**, Deena Hijam, “Ontology development for agriculture domain”, 2<sup>nd</sup> International Conference on Computing for Sustainable Global Development ( INDIACOM), New Delhi, IEEE, March, 2015
- Biswas, Payal, **Sharan Aditi**, Kumar, Ashish. “AGNER: Entity tagger in agriculture domain”, 2<sup>nd</sup> International Conference on Computing for Sustainable Global Development (INDIACom), New Delhi, India, IEEE, 11 – 13 March, 2015, pp1134 – 1138
- Biswas, Payal, **Sharan Aditi**, and Rakesh Kumar, “Question Classification using syntactic and rule based approach”, international conference on Advances in Computing, Communications and Informatics (ICACCI), 2014
- Kumar, Rakesh, and **Sharan Aditi**, “Personalized web search using browsing history and domain knowledge”, international conference on Issues and Challenges in Intelligent Computing Techniques (ICICT), 2014
- Yadav, Chandra Shekhar, **Sharan Aditi**, and Manju Lata Joshi, “Semantic graph based approach for text mining”, international conference on Issues and Challenges in Intelligent Computing Techniques (ICICT), 2014
- **Sharan Aditi**, Siddiqi S, “A Supervised Approach to Distinguish Between Keywords and Stopwords Using Probability Distribution Functions”, international conference on Advances in Computing, Communications and Informatics (ICACCI), IEEE Xplore, 2014
- Siddiqi S, **Sharan Aditi**, “Keyword and Keyphrase Extraction from Single Hindi Document using Statistical Approach”, 2<sup>nd</sup> International Conference on Signal Processing and Integrated Networks (SPIN), IEEE Xplore, 2015
- Dileep Kumar Yadav and **Singh Karan**, “Object Detection in Dynamic Background for Visual Surveillance Applications”, published in IEEE Conference Computing for Sustainable Global Development (INDIACom), 2015, 2<sup>nd</sup> International Conference on Publication Year: 2015, Page(s): 1601 – 1606
- [Saket Kumar Choudhary](#); **Singh Karan**, and [Sunil Kumar Bharti](#), “Variability in Spiking Pattern of Leaky Integrate-and-Fire Neuron Due to Excitatory and Inhibitory Potentials”, published in IEEE Conference Computing for Sustainable Global Development (INDIA Com), 2015 2nd International Conference on Publication Year: 2015, Page(s): 2025 - 2030
- Ghaartan Ankur, **Tirthankar Gayen**, “Ananalysis and Proposition of fault-tolerance model for real time software systems”, proceedings of international conference on Computing, Communication, Electrical, Electronics, Devices and Signal Processing, Lankapalli, India, PP.353-357, 28 – 30 March, 2015
- **Vidyarthi Deo Prakash**, with Rekha Kashyap, “Security-aware Real-time Scheduling for Hypervisors”, IEEE 17<sup>th</sup> International Conference on Computational Science and Engineering, Chengdu, China, 2014 pp. 1520-1527, 19 – 21 December, 2014
- **Vidyarthi Deo Prakash**, with Atul Tripathi, “Task Allocation on Cloud Resources using Analytic Network Process”, International Conference on Advances in Computer Engineering and Applications (ICACEA), IMS Engineering College, Ghaziabad, India, 19 – 20 March, 2015

## School of Environmental Sciences

### Journal/Research Articles

- Ragini Kumari, **Attri Arun K.**, Luc intPanis, B.R. Gurjar, "Emission Estimates of Particulate Matter and Heavy Metals from mobile Sources in Delhi (India). *Journal of Environmental Science and Engineering*. 55(2), 127-142, 2013-14
- Shweta Yadav, Ankit Tandon and **Attri Arun K.**, "Timeline trend profile and seasonal variations in nicotine present in ambient PM10 samples: A four year investigation from Delhi region". *Atmospheric Environment*, 98, 89-97, 2014
- Sandeep Ojha, Jamal Ahamad, Alok Bhattacharya, and **Bhattacharya Sudha**, "Ribosomal RNA and protein transcripts persist in the cysts of *Entamoeba invadens*". *Mol Biochem Parasitol*. May 29; 195(1):6-9. doi: 10.1016/j.molbiopara.2014.05.003, 2014
- R. M. Devi, **Dimri A. P.** and J. Dutta. "Uttarakhand disaster: Natural or Man-made?-A Meteorological Investigation". *eJournal of Applied Forest Ecology (eJAFE)*, Vol. 2, No. 2, 32-38, 2014
- **P. Dimri**. "How much robust and (un)certain regional climate models over the Himalayas?" *The Cryosphere Discuss.*, 8, 1–20, 2014.
- R. J. Thayyen and **Dimri A. P.**. "Factors controlling Slope Environmental Lapse Rate (SELR) of temperature in the monsoon and cold-arid glacio-hydrological regimes of the Himalaya". *The Cryosphere Discuss.*, 8, 5645–5686, 2014
- Chevuturi, **Dimri A.P.** and U.B. Guntru. "Numerical Simulation of a rare winter Hailstorm Event over Delhi, India on 17 Jan 2013". *Nat. Hazards Earth Syst. Sci.*, 14, 3331–3344, 2014
- Chevuturi, **Dimri A.P.** and U.B. Guntru. "Numerical Simulation of a 'Winter' Hailstorm Event over Delhi, India on 17 Jan 2013". *Nat. Hazards Earth Syst. Sci. Discuss.*, 2, 6033-6067, 2014
- G. Agnihotri and **Dimri A.P.**. "Simulation Study of Heavy Rainfall Episodes over southern Indian Peninsula". *Meteorological Applications*, DOI: 10.1002/met.1446, 2014
- P. Maharana and **Dimri A. P.**. "Study of seasonal climatology and interannual variability over India and its sub-regions using a regional climate model (RegCM3)". *J. of Earth System Science*. 123(5), 1147-1169, 2014
- **Dimri P.**. "Sub-seasonal interannual variability associated with the excess and deficit Indian winter monsoon over the Western Himalayas". *Climate Dynamics*, 42 (7-8), 1793-1805, 2014
- P. Maharana and **Dimri A. P.**. "Impact of initial and boundary condition on regional winter climate over the western Himalayas: A fixed domain size experiment". *Global and Planetary Change*, 114, 1-3, 2014
- **Dimri P.** and A. Chevuturi. "Model sensitivity analysis study for Western Disturbances over the Himalayas". *Meteorology and Atmospheric Physics*, 123(3-4), 155-180, 2014
- Arya DK, Sharma A, Mehta G, **Dua M**, Johri AK. "Molecular epidemiology and virulence characteristics of prevalent group A streptococci recovered from patients in northern India". *J Infect Dev Countries*. 8(3):271-81, 2014
- Gahlot, S., Joshi, A., Singh, P., Tuteja, R., **Dua, M.**, Jogawat, A., Kumar, M., Dayaman, M., Raj, S., Johri, A. K., and Tuteja, N. "Isolation of genes conferring salt tolerance from *Piriformospora indica* by random over-expression in *Escherichia coli*". *W J Microbiol. Biotech*. 2015 (in press).
- **Garkoti, S. C.** "Litter production and nutrient return in two regenerating white oak (*Quercus leucotrichophora* A. Camus) forests in central Himalaya". *International Journal of Ecology and Environmental Sciences* 40: 139-148, 2014
- Agnihotri SK, Agrawal U, **Ghosh I\***. "Brain most susceptible to cadmium induced oxidative stress in mice". *J Trace Elem Med Biol*. 2015 Apr; 30:184-93. doi: 10.1016/j.jtemb.2014.12.008. Epub 2015 Jan 3
- Saha P, **Ghosh I\***, Datta K\*. "Increased Hyaluronan levels in HBP1/p32/gC1qR overexpressing HepG2 cells inhibit autophagic vacuolation regulating tumor potency". *PLoS One*. 9(7):e103208, 25 July, 2014
- Sapna Chourasiya, **Khillare P. S.** Darpa Saurav Jyethi, "Health risk assessment of organochlorine pesticide exposure through dietary intake of vegetables grown in the periurban sites of Delhi", India, *Environmental Science and Pollution Research*, Vol. 22. pp 5793-5806, 2015
- Gupta, G P, S Singh, B Kumar and **Kulshrestha U C.** "Industrial dust sulphate and its effects on biochemical and morphological characteristics of Morus (*Morus alba*) plant in NCR Delhi". *Environmental Monitoring and Assessment*, DOI: 10.1007/s10661-015-4301-4, 2015
- **Kulshrestha U** and Sharma D. "Importance of atmospheric dust in India: Future scope of research", *J. Indian Geophysical Union*, 19, 2, 205-209, 2015

- Kumari A, Kumar B, Manzoor S, **Kulshrestha U**. "Status of Atmospheric Mercury Research in South Asia: A Review". *Aerosol and Air Quality Research*, doi: 10.4209/aaqr.2014.05.0098, 2014
- Singh S and **Kulshrestha U C**. "Rural versus urban gaseous inorganic reactive nitrogen in the Indo-Gangetic Plains (IGP) of India". *Environmental Research Letters*, 9, DOI: doi:10.1088/1748-9326/9/12/125004, 2014
- Singh S, Gupta G P, Kumar B, **Kulshrestha U C**. "Comparative study of indoor air pollution using traditional and improved cooking stoves in rural households of Northern India". *Energy for Sustainable Development*, 19, 1-6, 2014
- Sharma d and **Kulshrestha U**. "Spatial and Temporal Patterns of Air Pollutants in Rural and Urban Areas of India". *Environmental Pollution* 10.1016/j.envpol.2014.08.026, 2014
- **Kulshrestha U** and Kumar B. "Airmass Trajectories and Long Range Transport of Pollutants: Review of Wet Deposition Scenario in South Asia". *Advances in Meteorology*, doi.org/10.1155/2014/596041, 2014
- Kumar B. Verma K. and **Kulshrestha U.C**. "Deposition and Mineralogical Characteristics of Atmospheric Dust in relation to Land Use and Land Cover Change in Delhi (India)", *Geography Journal*, doi.org/10.1155/2014/32561, 2014
- Sudha Singh, Kumar B., Gyan Prakash Gupta, **U.C. Kulshrestha**. "Signatures of Increasing Energy Demand of Past Two Decades as Captured in Rain Water Composition and Airmass Trajectory Analysis at Delhi (India)", *Energy, Environment and Carbon Credits*, 4, 43-61, 2014
- Bauri, N., Bauri, P., **Kumar, K.** and Jain, V. K. "Evaluation of seasonal variations in abundance of BTXE hydrocarbons and their ozone forming potential in ambient urban atmosphere of Dehradun (India)". *Air Quality, Atmosphere and Health*. DOI 10.1007/s11869-015-0313-z, 2015
- Kumar, A., Singh, D., Singh, B. P., Singh, M., Anandam, K., **Kumar, K.** and Jain, "V. K. Spatial and temporal variability of surface ozone and nitrogen oxides in urban and rural ambient air of Delhi-NCR, India". *Air Quality, Atmosphere & Health*. DOI 10.1007/s11869-014-0309-0, 2014
- Pandey, A. K., Kumar, D., Singh, S., Pandey, P., Prakash, A., Berwal, S., Lodhi, N., Maithani, S., Jain, V. K. and **Kumar, K.** "Spatio - temporal variations of Urban Heat Island over Delhi". *Urban Climate*, 10, 119-133, 2014
- Punia M., Nain, S., Kumar, A., Singh, B.P., **Kumar, K.** and Jain V. K. "Analysis of temperature variability over Northwest Part of India for the period 1970-2000". *Natural Hazards* - DOI 10.1007/s11069-014-1352-8, 2014
- Saini, R., Singh, P., Awasthi, B. B., **Kumar, K.** and Taneja, A. "Ozone distributions and urban air quality during summer in Agra – a world heritage site." *Atmospheric Pollution Research*, 5, 796-804. doi: 10.5094/APR.2014.089, 2014
- Singh, B.P., Kumar, A., Singh, D., Punia, M., **Kumar, K.** and Jain, V.K. "An assessment of ozone levels, UV radiation and their occupational health hazard estimation during photocopying operation". *Journal of Hazardous Materials*, 275, 55-62. (IF=4.144), 2014
- Kumar, A., Singh, B. P., Punia, M., Singh, D., **Kumar, K.** and Jain, V. K. "Determination of volatile organic compounds and associated health risk assessment in residential homes and hostels within an academic institute, New Delhi". *Indoor Air, Accepted for Publication*, *Indoor Air*, 24(5), 474 – 483, DOI:10.1111/ina.12096, 2014
- Joon, V., **Kumar, K.**, Bhattacharya, M., and Chandra, A. "Non-Invasive Measurement of Carbon Monoxide in Rural Indian Woman Exposed to Different Cooking Fuel Smoke." *Aerosol and Air Quality Research, Accepted for Publication*, *Aerosol and Air Quality Research* 14:1789 – 1797, DOI: 10.4209/aaqr.2013.05.0157, 2014
- Kumar, A., Singh, B. P., Punia, M., Singh, D., **Kumar, K.** and Jain, V. K. "Assessment of indoor air concentrations of VOC's and their associated health risks in the library of Jawaharlal Nehru University, New Delhi". *Environmental Science and Pollution Research*, 21, 2240-2248, DOI 10.1007/s11356-013-2150-7, 2014
- Kumari M., Pittman C. U. Jr., **Mohan D.** "Heavy metals [chromium (VI) and lead (II)] removal from water using mesoporous magnetite (Fe<sub>3</sub>O<sub>4</sub>) nanospheres". *Journal of Colloid and Interface Science*, 442, 120-132, 2015
- **Mohan D.**, Kumar S., Srivastava A. "Fluoride removal from ground water using magnetic and nonmagnetic corn stover biochars". *Ecological Engineering*, 73, 798-808, 2014
- **Mohan D.**, Sarswat A., Ok Y. S., Pittman, C. U. Jr. "Organic and inorganic contaminants removal from water with biochar, a renewable, low cost and sustainable adsorbent – A critical review". *Bioresource Technology*, 2014, 160, 191-202.
- Bikundia D. S., **Mohan D.** "Major ion chemistry of the ground water at the Khoda Village, Ghaziabad, India", *Sustainability of Water Quality and Ecology*, 3–4, 133-150, 2014

- Singh K. P., Gupta S., **Mohan D.** "Evaluating influences of seasonal variations and anthropogenic activities on alluvial groundwater hydrochemistry using ensemble learning approaches". *Journal of Hydrology*, 511, 254-266, 2014
- Dou X., **Mohan D.**, Zhao X., Pittman C. U. Jr. "Antimonate removal from water using hierarchical macro-/mesoporous amorphous alumina". *Chemical Engineering Journal*, 264, 617-624, 2015
- Zhao X., Dou X., **Mohan D.**, Pittman C.U. Jr., Ok Y. S., Jin X. "Antimonate and antimonite adsorption by a polyvinyl alcohol-stabilized granular adsorbent containing nanoscale zero-valent iron". *Chemical Engineering Journal*, 247. 250-257, 2014
- Rajapaksha A. U., Vithanage M., Zhang M., Ahmad M., **Mohan D.**, Chang S. X., Ok Y. S. "Pyrolysis condition affected sulfamethazine sorption by tea waste biochars". *Bioresource Technology*, 166, 303-308, 2014
- Singh K. P. Singh, Gupta S., Basant N., **Mohan D.**, "QSTR Modeling for Qualitative and Quantitative Toxicity Predictions of Diverse Chemical Pesticides in Honey Bee for Regulatory Purposes". *Chemical Research in Toxicology*, 27 (9), 1504–1515, 2014
- Singh K. P. Gupta S. Kumar A., **Mohan D.** "Multispecies QSAR Modeling for Predicting the Aquatic Toxicity of Diverse Organic Chemicals for Regulatory Toxicology". *Chemical Research in Toxicology*. 27 (5), 741–753, 2014
- Tyagi P, Singh M, Kumari H, Kumari A, **Mukhopadhyay K.** "Bactericidal activity of curcumin I is associated with damaging of bacterial membrane", *Plos One*, 10 (3): e0121313, 2015
- Santra RC, Ganguly D, Singh J, **Mukhopadhyay K,** Das S. "A study on the formation of the nitro radical anion by ornidazole and its significant decrease in a structurally characterized binuclear Cu(II)-complex: impact in biology" *Dalton Transactions*, 44 (4): 1992-2000, 2015
- Singh M and **Mukhopadhyay K.** "Alpha-melanocyte stimulating hormone: an emerging anti-inflammatory antimicrobial peptide", *BioMed Research International* (Volume 2014), Article ID 874610, 2014
- Khatri R, Akhtar N, **Mukhopadhyay K,** Verma KK, Sethuraman G, Sharma A. "Genetic endowment of proinflammatory cytokine tumor necrosis factor- $\alpha$  (-) 308 G > A polymorphism to *Parthenium hysterophorus*-induced airborne contact dermatitis in an Indian cohort", *International Journal of Dermatology*. 54(2): 179-84, 2015
- Santra RC, Sengupta K, Dey R, Shireen T, Das P, Guin PS, **Mukhopadhyay K,** Das S. "X-ray crystal structure of a Cu (II) complex with the antiparasitic drug tinidazole, interaction with calf thymus DNA and evidence for antibacterial activity", *Journal of Coordination Chemistry*, 67 (2): 265–285, 2014
- **Mukherjee Saumitra,** "Northern India Power Grid failure due to extraterrestrial changes". *Journal of Earth Science and Climatic Change* 6-21, <http://dx.doi.org/10.4172/2157-7617.1000261> IF:1.69, 2015
- **Mukherjee Saumitra** with Javed Mallick Chander Kumar Singh Hussein Al-Wadi Mohd. Ahmed, Atiqur Rahman and Satyanarayan Shashtri, "Geospatial and geostatistical approach for ground water potential zone delineation". *Hydrological Processes* (Wiley) Volume 29, Issue 3, Pages 395-418 January 2015 DOI: 10.1002/hyp.10153 (IF: 2.448), 2015
- Vikas Kamal and **Mukherjee Saumitra** Study of geomorphological changes in upper Ganga floodplain from 1973 to 2013. *Quest Journal, Journal of research in Environment and Earth Sciences*./vol.1, Issue.3Pp 17 – 31, ISSN online 2348-2532, 2014
- C.K.Singh and **Mukherjee Saumitra** "Aqueous geochemistry of fluoride enriched groundwater in arid part of western India". *Environmental Science and pollution research*. DOI:10.1007/s11356-014-3504-5 (Impact Factor:2.78), 2014
- **Mukherjee Saumitra,** "Electron Flux and Cosmic Ray Anomaly Before H1N1 Outbreak". *J Climatol Weather Forecasting* 2:113. doi:10.4172/2332-2594.1000113 (IF:1.69)
- **Mukherjee Saumitra,** S.Priyadarshini "Extra terrestrial solar event triggered Uttarakhand Cloudburst". *Nature India Macmillan Press*. Doi:10.1038/nindia. 2014
- **Mukherjee Saumitra** "Extra terrestrial remote sensing and geophysical applications to understand cloudburst in uttarakhand India". *Journal of Geophysics and Remote sensing*, volume 3 issue 3, 1000124
- **Mukherjee Saumitra** and Vijay Veer, "Water resource management in a part of Hindon basin, India using Artificial Neural Networking and image processing technique". *International Journal of Innovation and Advancement in Computer Sciences*. (Impact Factor 1.96). Volume 3 Issue 4 Pp 96-117, 2014
- Radovanovic, M.M., Ducic,V. and **Mukherjee Saumitra.** "Climate Changes instead of Global warming". *Thermal Science* (International Scientific Journal). Impact Factor 1.45. (DOI:10.2298/TSCI140610076R).

- Neha Singh, Ravi Praksh Singh, Vikas Kamal, Ratan Sen and **Mukherjee Saumitra**. "Assessment of hydrogeochemistry and the quality of groundwater in 24-Parganas districts, West Bengal" *Envir. Earth Sci* (Springer) (DOI: 10.1007/s12665-014-3431-2)
- **Mukherjee Saumitra** and Priyadarshini Singh "Application of m- $\chi$  Decomposition Technique on Mini-SAR Data to Understand Crater and Ejecta Morphology," *Geoscience and Remote Sensing Letters, IEEE*, vol.12, no.1, pp.73,76, January, 2015 doi: 10.1109/LGRS.2014.2326420 IF:1.823 URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6828756&isnumber=6878497>, 2015
- **Mukherjee Saumitra** and Singh P. "Moon shows Earth like activities" doi:10.1038/nindia.2014.57; Published online 25 April, 2014 <http://www.nature.com/nindia/2014/140425/full/nindia.2014.57.html> (Nature India), 2014
- **Mukherjee Saumitra** & Singh, P. "Investigation of tectonic processes in the lunar South Polar Region using Mini-SAR and other data". *Front. Earth Sci.* doi:10.3389/feart.2014.00006 fert.2014 00006 (Nature Publishing Group), 2014
- Vikas Kamal, **Mukherjee Saumitra**, Deepika Srivastava, Naba Hazarika and Neha Singh. "Geoenvironmental study of alluvial aquifer in Upper Gangetic plain, a case study of J P Nagar, Uttar Pradesh, India". *IOSR Journal of Environmental Science, Toxicology and Food Technology* (IOSR-JESTFT) e-ISSN: 2319-2402, p- ISSN: 2319-2399. Volume 8, Issue 5 Ver. III (May. 2014), PP 00-00 [www.iosrjournals.org\(I.F.1.8\)](http://www.iosrjournals.org(I.F.1.8)), 2014
- Prashant K. Srivastava, Sudhir K. Singh, Manika Gupta, Jay Krishna Thakur and **Mukherjee Saumitra**. "Modeling impact of landuse change trajectories on groundwater quality using remote sensing and GIS". *Environmental Engineering and Management Journal*, Volume 12, No.12/2013. (IF: 1.70), 2014
- Ramovatar Meena, Sumit Kumar and **Paulraj R**, "Titanium oxide (TiO<sub>2</sub>) nanoparticles in induction of apoptosis and inflammatory response in brain", *J Nanoparticle Research*. J Nanopart Res 17:49, 2015
- Dhanya K. Nambiar, **Paulraj R**, Rana P. Singh. "Silibinin attenuates ionizing radiation-induced pro-angiogenic response and EMT in prostate cancer cells", *Biochemical and Biophysical Research Communications*, 456, 262–268, 2015
- Ramovatar Meena, Kumari Kajal & **Paulraj R**. "Cytotoxic and Genotoxic Effects of Titanium Dioxide Nanoparticles in Testicular Cells of Male Wistar Rat", *Appl Biochem Biotechnol*, 175:825–840, 2015
- Kumar Sanjay, Nirala Jay Prakash, Behari, J, **Paulraj, R**. "Effect of electromagnetic irradiation produced by 3G mobile phone on male rat reproductive system in a simulated scenario", *IJEB*, 52, 890-897, 2014
- **Raju N. Janardhana**, Deepa Gurung and Priyanka Patel, "Groundwater quality Appraisal in parts of Dun Valley Aquifers in the Terai Region, Central Nepal". Proceedings of IAMG2014 conference on Geostatistical and Geospatial Approaches for the Characterization of Natural Resources in the Environment: Challenges, Processes and Strategies, pp 115-118, 2014
- Musarrat Parween, AL Ramanathan, PS Killare and **Raju N. Janardhana**, "Persistence, variance and toxic levels of organochlorine pesticides in fluvial sediments and the role of black carbon in their retention". *Environ Sci Pollut Res.*, 21(10): 6525-6546, 2014
- **Raju N. Janardhana**, Prahlad Ram and Wolfgang Gossel. "Evaluation of Groundwater Vulnerability in the lower Varuna catchment area, Uttar Pradesh, India using AVI concept". *Journal of Geological Society of India*, 83:273-278, 2014
- F. Brun, M. Dumont, Wagnon, E. Berthier, M. F. Azam, J. M. Shea, P. Sirguey, A. Rabatel, **Ramanathan AL.** "Seasonal changes in surface albedo of Himalayan glaciers from MODIS data and links with the annual mass balance"; *The Cryosphere*, 9, 341-355, 2015; doi:10.5194/tc-9-341-2015
- Shruti Dutta, **Ramanathan AL.**, Anurag Linda, Jose George Pottakkal, Virendra Bahadur Singh, Thupstan Angchuk. "Glacier Mass Balance and Its Significance on the Water Resource Management in the Western Himalayas; Management of Water, Energy and Bio-resources in the Era of Climate Change: Emerging Issues and Challenges, 2015, pp 73-83
- M. F. Azam, P. Wagnon, C. Vincent, **Ramanathan AL.**, V. Favier, A. Mandal, and J. G. Pottakkal. "Processes governing the mass balance of Chhota Shigri Glacier (western Himalaya, India) assessed by point-scale surface energy balance measurements", *The Cryosphere*, 8, 2195–2217, 2014; doi:10.5194/tc-8-2195-2014
- Arindan Mandal, **Ramanathan AL.** and Thupstan Angchuk. "Assessment of Lahaul Spiti (Western Himalaya, India) glaciers- An assessment of mass balance and climate". *Journal of Earth Science and Climatic change*, 2014, S11:003, doi:10.4172/2157.S11-003

- Virendra Bahadur Singh, **Ramanathan AL.** and Parmanand Sharma. “Major ion chemistry and assessment of weathering processes of the Patsio glacier meltwater, Western Himalaya, India”. *Environmental Earth Sciences*, DOI 10.1007/s12665-014-3432-1, 2014
- Virendra Bahadur Singh, **Ramanathan AL.**, Jose George Pottakkal, and Manoj Kumar. Seasonal variation of the solute and suspended sediment load in Gangotri glacier meltwater, central Himalaya, India”. *Journal of Asian Earth Sciences*, Vol. 79, 224-234, 2014
- Mohd Farooq Azam, P. Wagnon, C. Vincent, **Ramanathan AL.**, Anurag Linda and Virendra Bahadur Singh. “Reconstruction of the annual mass balance of Chhota Shigri Glacier (Western Himalaya, India) since 1969”. *Annals of Glaciology*. 55 (66), 69-80. Doi: 10.3189/2014AoG66A104, 2014
- Jose George Pottakkal, **Ramanathan AL.**, Anurag Linda, Parmanand Sharma, Mohd Farooq Azam and Virendra Bahadur Singh. “Characterization of subglacial pathways draining two tributary meltwater streams through the lower ablation zone of Gangotri Glacier, Garhwal Himalaya, India”, *Current Science*, 107 (4), 613-621, 2014
- Virendra Bahadur Singh, **Ramanathan AL.** Jose George Pottakkal and Manoj Kumar. “Hydrogeochemistry of meltwater of the Chaturangi glacier, Garhwal Himalaya, India”. Proceeding of National Academy of Sciences, India Section A: Physical Sciences. DOI: 10.1007/s40010-014-0181-1, 2014
- Virendra Bahadur Singh, **Ramanathan AL.** and T. Kuriakrose. “Hydrogeochemical assessment of meltwater quality using major ion chemistry: A case study of Bara Shigri glacier, western Himalaya, India”. *National Academy Science Letters*. 2014, Volume 38, Issue 2 , pp 147-151
- Rajesh Kumar Ranjana, Joyanto Routh J. Val Klump, **Ramanathan AL.** “Sediment biomarker profiles trace organic matter input in the Pichavaram mangrove complex, southeastern India”, *Marine Chemistry*. Volume 171, April 2015, Pages 44–57
- Rita Chauhana, Arindam Datta, **Ramanathan AL.**, T.K. Adhya. “Factors influencing spatio-temporal variation of methane and nitrous oxide emission from a tropical mangrove of eastern coast of India”, *Atmospheric Environment*, Volume 107, April 2015, Pages 95–106
- Swati Mohan Sappal, **Ramanathan AL.**, Rajesh K Ranjan, Gurmeet Singh, Alok Kumar. “Rare Earth Elements As Biogeochemical Indicators In Mangrove Ecosystems (Pichavaram, Tamilnadu, India)”. *Journal of Sedimentary Research* 09/2014; 84(9):781-791. DOI:10.2110/jsr.2014.63
- Ranjan Manju Rawat, **Ramanathan AL.**, Tripathi Ashutosh, Jha Pawan Kumar, “Landfill mining: a case study from Ghazipur landfill area of Delhi”, *International Journal of Environmental Sciences*, 2014, Volume: 4, Issue: 5, 919 – 925, Online ISSN: 0976-4402
- Goutam Kumar, **Ramanathan AL.**, “Biogenic Silica in the Surface Sediment: A Geochemical Indicator in Estuarine Environment of Gulf of Kachchh, Gujarat, India”, *National Academy Science Letters*, Volume 37, Issue 4, pp 375-380, 2014
- Parween M., **Ramanathan AL.**, Khillare, P. S., & Raju, N. J. “Persistence, variance and toxic levels of organochlorine pesticides in fluvial sediments and the role of black carbon in their retention”. *Environmental Science and Pollution Research*, 21(10), 6525-6546, 2014
- Shashi Prabha, **Ramanathan AL.**, Anindita Gogoi, Pallavi Das, Jyoti Prakash Deka, Vinay Kumar Tayagi, & Manish Kumar. “Suitability of conventional and membrane bioreactor system in textile mill effluent treatment”. *Desalination and Water Treatment*, DOI:10.1080/19443994.2014.932716, pp 1944-3986, 2014
- Sappal, Swati M., **Ramanathan AL.**, Ranjan, Rajesh K., Singh, Gurmeet, “Sedimentary geochemistry of Chorao Island, Mandovi mangrove estuarine complex, Goa”. *Indian Journal of Geo-Marine Sciences*, 2014. Vol. 43 (6), 1085-1094
- Virendra Bahadur Singh, **Ramanathan AL.** and T. Kuriakrose. “Hydrogeochemical assessment of meltwater quality using major ion chemistry: A case study of Bara Shigri glacier, western Himalaya, India”. *National Academy Science Letters*, 2014
- V.B. Singh, **Ramanathan AL.**, A. Mandal, T. Angchuk. “Transportation of Suspended Sediment from Meltwater of the Patsio Glacier, Western Himalaya, India.” Proceeding of National Academy of Sciences, India Section A: Physical Sciences. DOI 10.1007/s40010-014-0189-6, 2014
- Bhadauria, T., Kumar, P., Maikhuri, R.K. and **Saxena, K.G.** “Effect of application of vermicompost and conventional compost derived from different residues on pea crop productivity and soil faunal diversity in agricultural system in Garhwal Himalaya.” *Natural Sciences*, 6, 433-446, 2014
- Phondani, P.C., Maikhuri, R.K. and **Saxena, K.G.** “The efficacy of herbal system of medicine in the context of allopathic system in Indian Central Himalaya.” *Journal of Herbal Medicine*, 4, 147-158, 2014
- Takeuchi, K., Liang, L., Yimyam, N., Sengtaheuanghoung, O., **Saxena, K.G.** and Kawasaki, K. “Critical Analysis of Effectiveness of REDD+ for Forest Communities and Shifting Cultivation Based

on Lessons Learnt from Conservation Efforts in Lao PDR. and Thailand.” *Asia-Pacific Network for Global Change Research Science Bulletin*, 5, 10-12, 2015

- Sunita Maharia, **Srivastava Arun**, “Influence of seasonal variation on concentration of fungal bioaerosol at a Sewage Treatment Plant (STP) in Delhi”, *Aerobiologia*, DOI: 10.1007/s10453-014-9361-3.
- Amit Mishra, Takashi Shibata, **Srivastava Arun**, “Synergistic approach for the aerosol monitoring and identification of types over Indo-Gangetic Basin in premonsoon season”, *Aerosol and Air Quality Research*, Volume 14, 767-782, 2014
- Jaiswal, P.K., Gupta, J., Shahni, S. and **Thakur, I.S.** “NADPH oxidase mediated superoxide production by intermediary bacterial metabolites of dibenzofuran: A potential cause for trans-mitochondrial membrane potential ( $\Delta\Psi_m$ ) collapse in human hepatoma cells Toxicol”. *Sci. kf107* doi:10.1093/toxsci/kfv107, 2015
- Kumar, M, Singh J, Singh M.K., Singhal A., **Thakur I.S.** “Investigating the degradation process of kraft lignin by  $\beta$ -proteobacterium, *Pandoraea* sp. ISTKB”, *Environmental Sciences Pollution Research*, DOI 10.1007/s11356-015-4771-5, 2015
- Gupta, A., **Thakur, I.S.** “Biodegradation of wastewater organic contaminants using *Serratia* sp. ISTVKR1 isolated from sewage sludge”. *Biochemical Engineering Journal* doi:10.1016/j.bej.2015.02.007. Impact factor-3.055, 2015
- Srivastava, S., Bharti, R., Verma, P. and **Thakur, I.S.** “Cloning and expression of gamma carbonic anhydrase from *Serratia* sp. ISTD04 for sequestration of carbon dioxide and formation of calcite”. *Bioresource Technology*. 188, 209-213. Impact factor-5.600, 2015
- Singh, J., Tripathi, R. and **Thakur, I.S.** “Immobilized lipase from *Schizophyllum commune* ISTL04 for the production of fatty acids methyl esters from cyanobacterial oil”. *Bioresource Technology*. 188, 214-218. Impact factor-5.600, 2015
- Ghosh, P., Gupta, A. and **Thakur, I.S.** “Combined chemical and toxicological evaluation of leachate from municipal solid waste landfill sites of Delhi, India”. *Environmental Science and Pollution Research*, DOI 10.1007/s11356-015-4077-7. Impact factor-2.85, 2015
- Sundaram, S. and **Thakur, I.S.** “Immobilized lipase from *Schizophyllum commune* ISTL04, for enzymatic biodiesel production from cyanobacterial oil”, *Bioresource Technology*. 188, 247-250. Impact factor-5.600, 2015
- Moni, Ghosh, P., Swati, **Thakur, I.S.** “Microcosmic study of endosulfan degradation by *Paenibacillus* sp. ISTD10 and its toxicological evaluation using mammalian cell line”, *International Biodeterioration & Biodegradation* 96, 33-40. Impact factor-2.444, 2015
- Srivastava, S., Bharti, R. and **Thakur, I.S.** “Characterization of bacteria isolated from palaeoproterozoic metasediments for sequestration of carbon dioxide and formation of calcium carbonate”. *Environmental Science and Pollution Research* 22, 1499–1511. DOI 10.1007/s11356-014-3442-2. Impact factor-2.757, 2015
- Singhal, A., Jaiswal, P. and **Thakur, I.S.** “Biopulping of bagasse by *Cryptococcus albidus* under partially sterilized conditions.” *International Biodeterioration & Biodegradation* 97, 143-150. Impact factor-2.444, 2015
- Singh, M.K., Singh, J., Kumar, M. and **Thakur, I.S.** “Novel lipase from basidiomycetes *Schizophyllum commune* ISTL04, produced by solid state fermentation of *Leucaena leucocephala* seeds”. *Journal of Molecular Catalysis B: Enzymatic*. 110, 92-99. Impact factor-2.786, 2014
- Ghosh, P., Swati, **Thakur, I.S.** “Enhance removal of COD and colour from landfill leachate in a sequential bioreactor”. *Bioresource Technology* 170, 10-19. Impact factor 5.600, 2014
- Bharti, R.K., Srivastava, S. and **Thakur, I.S.** “Production and characterization of biodiesel from carbon dioxide concentrating chemolithotrophic bacteria, *Serratia* sp. ISTD04”. *Bioresource Technology* 153, 189-197. Impact factor 5.600, 2014
- Mishra, M., Das, M.T., **Thakur, I. S.** “Mammalian cell-line based toxicological evaluation of paper mill black liquor treated in soil microcosm by indigenous alkalotolerant *Bacillus* sp.” *Environmental Science and Pollution Research* 21:2966–2976. Impact Factor: 2.87, 2014
- Swati, Ghosh, P., Das, M.T. and **Thakur, I.S.** “*In vitro* toxicity evaluation of organic extract of landfill soil and its detoxification by indigenous pyrene-degrading *Bacillus* sp. ISTDY1”. *International Biodeterioration & Biodegradation* 90: 145-151. Impact factor-2.444, 2014
- Das, M.D., Ghosh, P. and **Thakur, I.S.** “Intake estimates of phthalate-esters for South Delhi population based on exposure media assessment”. *Environmental Pollution* 189, 118-125. Impact factor-4.306, 2014

- Bharti, R.K., Srivastava, S. and **Thakur, I.S.** “Proteomic analysis of carbon concentrating chemolithotrophic bacteria *Serratia* sp. for sequestration of carbon dioxide”. *PLOS ONE*, Volume 9 | Issue 3 | e91300. Impact factor-4.24, 2014
- Bharti, R.K., Srivastava, S. and **Thakur, I.S.** “Extraction of extracellular lipids from chemoautotrophic bacteria *Serratia* sp. ISTD04 for production of biodiesel”. *Bioresource Technology* 165, 201–204. Impact factor-5.600, 2014
- Das, M. and **Thakur, I.S.** “Differential toxicological endpoints of di(2-ethylhexyl) phthalate (DEHP) exposure in MCF-7 and MDA-MB-231 cell lines: possible estrogen receptor  $\alpha$  (ER $\alpha$ ) independent modulations.” *Ind. J. Exp. Biol.* 52, 1052-1061. Impact factor 0.753, 2014
- Naik, U.C., Das, M.T., Sauran, S. and **Thakur, I.S.** “Assessment of in-vitro cyto/genotoxicity of sequentially treated electroplating effluent on the human hepatocarcinoma HuH-7 cell line”. *Mutation Research* 762, 9–16. Impact factor-2.843, 2014
- **Thakur, I.S.**, Rai A. and Singhal, A. “Ethanol from sugar cane bagasse of pulp and paper mill effluent by *Cryptococcus albidus* and *Saccharomyces cerevisiae*”. *Energy Sources Part A: Recovery, Utilization, and Environmental Effects* (In press). Impact factor-1.21, 2015
- Tripathi, R., Singh, J., Bharti, R. and **Thakur, I.S.** “Production, purification and characterization of lipase from *Microbacterium* sp. and its application in biodiesel production”. *Energy Procedia* 54, 518–529, 2014
- Bharti, R.K., Srivastava, S. and **Thakur, I.S.** “Isolation, purification, characterization and mass spectroscopic analysis of carbonic anhydrase from *Serratia* sp. for sequestration of carbon dioxide and formation of calcite”. *Journal of Environmental Chemical Engineering* 2, 31–39, 2014
- Ghosh, P., Das, M.T. and **Thakur, I.S.** “Mammalian cell line based bioassays for toxicological evaluation of landfill leachate treated by *Pseudomonas* sp. ISTDF1”. *Environmental Science and Pollution Research* 21, 8084–8094. Impact Factor: 2.87, 2014
- Singh, J., Tripathi, R. and **Thakur, I.S.** “Characterization of endolithic cyanobacterial strain, *Leptolyngbya* sp. ISTCY101, for prospective recycling of CO<sub>2</sub> and biodiesel production”. *Bioresource Technology* 166, 345–352. Impact Factor: 5.600, 2014.
- Tripathi, R., Singh, J. and **Thakur, I.S.** “Characterization of microalga *Scenedesmus* sp. ISTGA1 for potential CO<sub>2</sub> sequestration and biodiesel production”. *Renewable Energy*, 74, 774–781. Impact factor-3.982, 2015
- Raj R., Chamyal, L.S., Prasad, V., Sharma, A., **Tripathi, J.K.**, Verma, P. “Holocene climatic fluctuations in the Gujarat Alluvial Plains based on a multiproxy study of the Pariyaj Lake archive, western India.” *Palaeogeography, Palaeoclimatology, Palaeoecology*, 421, 60-74, 2015
- Sridhar A., Laskar A., Prasad V., Sharma A., **Tripathi, J. K.**, Balaji, D., Maurya, D. M., Chamyal, L. S. “Late Holocene flooding history of a tropical river in western India in response to southwest monsoon fluctuations: A multi proxy study from lower Narmada valley”, *Quaternary International*, doi:10.1016/j.quaint.2014.10.052, 2014
- **S Yadav**, “Investigations of metal leaching from mobile phone parts using TCLP and WET methods”. *Journal of environmental management* 144, 101-107, 2014
- P Kumar, **Yadav S**, A Kumar. “Sources and processes governing rainwater chemistry in New Delhi, India.” *Natural Hazards*, 74 (3), 2147-2162, 2014
- P Kumar, JK Pattanaik, N Khare, S Chopra, **Yadav S**, S Balakrishnan. “Study of 10Be in the sediments from the Krossfjorden and Kongsfjorden Fjord System, Svalbard.” *Journal of Radioanalytical and Nuclear Chemistry*, 1-7 DOI: 10.1007/s10967-014-3315-7, 2014

## Books

- **Mukherjee Saumitra** with Srivastava, P.K, Gupta, M and Islam, T. Remote sensing applications to environmental research. Published by Springer, Society of Earth Sciences Series ISBN 978-3-319-05906-8. 2014
- **Mukherjee Saumitra** with Islam T, Srivastava P.K., Gupta, M and Zhu, X. Computer Intelligence Technique in Earth and Environmental sciences, Springer. Published by Springer Verlag, USA. ISBN 978-94-017-8642-3. 2014
- **Raju NJ** edited IHK2013 volume (Captial co-published with Springer Publications) – Management of Water, Energy and Bio-resources in the Era of Climate Change: Emerging Issues and Challenges, 2014

- **Raju NJ** edited IAMG (proceeding) volume (Capital co-published with Springer Publications) – Geostatistical and Geospatial Approaches for the Characterization of Natural Resources in the Environment: Challenges, Processes and Strategies, 2014
- **Raju NJ** edited IHK2013 volume (Capital co-published with Springer Publications) – Management of Natural Resources in a Changing Environment, 2015
- Safe and sustainable use of Arsenic – contaminated aquifers in the Gangetic Plain: A Multidisciplinary Approach, Edited by **Ramanathan, AL.**, Johnson, S., Mukherjee, A., Nath, Bibhas, Capital publishing company, Co-Published by Springer, Switzerland, ISBN 978-93-81891-08-07, 2014
- Rao, K.S., **Saxena, K.G.**, and Tiwari, B.K. Linking Conservation of Terrestrial Biodiversity with Climate Change Mitigation and Adaptation and Socio-economic Development in the Himalaya. Policy Discussion Paper, United Nations Educational, Scientific and Cultural Organization, New Delhi. 52 Pp, 2014

## Chapters in Books

- Abhishek K. Gupta and **Bhattacharya Sudha** “Ribosomal RNA Genes and their Regulation in *Entamoeba histolytica*”. In Amebiasis: Biology and pathogenesis of Entamoeba. T. Nozaki and A. Bhattacharya, eds. Springer, pp. 119-135, 2015
- Vijay Pal Yadav and **Bhattacharya Sudha**. “The Biology of Retrotransposition in *Entamoeba histolytica*”. In Amebiasis: Biology and pathogenesis of Entamoeba. T. Nozaki and A. Bhattacharya, eds. Springer, pp. 151-170, 2015
- **Garkoti S.C.** “Regeneration of white oak (*Quercus leucotrichophora*) in two pine invaded forests in Indian Central Himalaya”. In: Management of Natural Resources in a Changing Environment, N. J. Raju, W. Gossel and M. Sudhakar, eds., Capital Publishing Company, New Delhi (ISBN 978-93-81891-25-4), 200-205, 2014
- Mishra, B.K. & **Garkoti S. C.** “Species diversity and regeneration status in Sabaiya Collaborative Forest, Nepal”. In: Geostatistical and Geospatial Approaches for the Characterization of Natural Resources in the Environment: Challenges, Processes & Strategies, N.J. Raju ed., Capital Publishing Company, New Delhi (ISBN 978-93-81891-25-4), 248-252, 2014
- **Mohan Dinesh**, Abhishek Kumar and Charles U. Pittman Jr. “Sustainable Biochar: A tool for Climate Change Mitigation, Soil Management and Water and Wastewater Treatment”, In: Geostatistical and Geospatial Approaches for the Characterization of Natural Resources in Environment: Challenges, Processes and Strategies. Edited by Janardhana Raju, Capital Publishing Company, New Delhi, ISBN 978-93-81891-25-4.
- **Mukherjee Saumitra**. “Procedure for selection of check dams site in Rain water harvesting” Chapter 23, Handbook of Engineering Hydrology, Fundamentals and Applications. Pp 486-500 CRC Press. 2014
- S.N.Sashtri, A.Singh, **Mukherjee Saumitra**, S. Eslamian and C.K.Singh. “Groundwater Exploration: Geophysical remote sensing and GIS Techniques”. Handbook of Engineering Hydrology, Fundamentals and Applications. Pp CRC Press, 2014
- P.Sajadi, A.Singh, **Mukherjee Saumitra** and K. Chapi. “Hydrological investigations of Dahalgaon plain, Kurdistan, Iran using geophysical techniques”. Environment and Biodiversity, Ed. N.Gupta & D.K.Gupta, Narendra Publishing House, Delhi, 2014
- **Raju N. Janardhana**, A. Chaudhary, S. Nazneen, S. Singh and A. Goyal. “Hydrogeochemical investigation and quality assessment of groundwater for drinking and agricultural use in Jawaharlal Nehru University (JNU), New Delhi, India”. In: N.J. Raju et al (eds.), Management of Natural Resources in a Changing Environment. Springer co-published with Capital Publishing Company, pp 3-28. (ISBN 978-93-81891-13-1), 2014
- Sangita Dey, **Raju N. Janardhana**, Prahlad Ram and Janmejy Singh. “Hydrogeochemical characterization and evaluation of seasonal variation in groundwater chemistry in upper Panda River basin, India”. In: N. J. Raju et al. (eds.), Management of water, energy and Bio-resources, in the era of climate change: emerging issues and challenges. Springer co-published with Capital Publishing Company, pp 21-36. (ISBN 978-3-319-05968-6), 2014
- Manoj Kumar, Mukesh Kumar, Alok Kumar, VB Singh, Senthil Kumar, AL. Ramanathan, and Prosun Bhattacharya. Arsenic distribution and mobilization: A case study of three districts of Uttar Pradesh and Bihar (India). In: **Ramanathan AL.**, Scott Johnston, Abhijit Mukherjee & Bibhash Nath (eds.) “Safe and Sustainable Use of Arsenic-Contaminated Aquifers in the Gangetic Plain: A

Multidisciplinary Approach” Co-published by Springer, International Publishing, Cham, Switzerland with Capital Publishing Company, New Delhi, India. (ISBN 978-93-81891-08-7), pp. 121-135, 2015

- Manoj Kumar, **Ramanathan AL.**, Prosun Bhattacharya. “Evaluation of arsenic and its controlling factors in aquifer sands of district Samastipur, Bihar, India”. In: M.I. Litter, H.B. Nicolli, M. Meichtry, N. Quici, J. Bundschuh, P. Bhattacharya & R. Naidu (eds.) “One Century of the Discovery of Arsenicosis in Latin America (1914–2014) As 2014”. Interdisciplinary Book Series: “Arsenic in the Environment—Proceedings”. Series Editors: J. Bundschuh & P. Bhattacharya, CRC Press/Taylor and Francis (ISBN 978-1-138-00141-1), pp. 108-109. 2014
- **Saxena, K.G.**, Rao, K.S. and Maikhuri, R.K. “Soil as A Living Body”. In: Textbook of Plant Nutrient Management. Edited by R. Prasad, D. Kumar, D.S. D.S., Y.S. Shivay and R.K. Tewatia, R.K. Indian Society of Agronomy, Indian Agricultural Research Institute, New Delhi. 23-47, 2014
- Sundaram, S. and **Thakur, I.S.** “Isolation and characterization of thermotolerant Bacillus sp. strain IST2 for carbon dioxide sequestration”. Ed. Raju, N.J., Gossel, W., Ramanathan, A.L. and Sudhakar, M. In. Management of natural resources in the era of climate change: Emerging issues and challenges. Springer., pp. 308-316, 2015
- Ghosh, P., Krishna, M., Das, M.T. and **Thakur, I.S.** “Bioremediation and detoxification of xenobiotic organic compounds in landfill leachate by Pseudomonas sp. ISTDF1”. Ed. Raju, N.J., Gossel, W., Ramanathan, A.L. and Sudhakar, M. In. Management of natural resources in the era of climate change: Emerging issues and challenges. Springer. pp. 219-228, 2015
- Mishra, M. and **Thakur, I.S.** “Biodegradation of lignocellulosic waste in the environment”, Ed. Rama Chandra, Advances in biodegradation and bioremediation of environmental waste. CRC Press, pp. 155-180, 2015
- Ghosh, P. and **Thakur, I.S.** “Treatment of landfill leachate in a sequential bioreactor using white rot fungi and bacteria”, the international conference on solid wastes 2015: knowledge transfer for sustainable resource management, Ed. Wong, J. et al., Hongkong, 2015
- **Yadav VP**, Bhattacharya S “The Biology of Retrotransposition in Entamoeba histolytica”, Amoebiasis: Biology and Pathogenesis of Entamoeba. Ed. T. Nozaki, A. Bhattacharya. Springer Japan, 2015: 151-170. ISBN: 978-4-431-55199-7 (online in November 2014)

## Media Articles

- **Ramanathan AL.**, CNN International has interviewed me to know my research activities in Himalayan Glacier and the training program I Conducted twice on Glaciers and also Bloomberg Magazine in USA and Time of India news paper covered our research activities on Glaciers.

## School of International Studies

### Journals Articles

#### Centre for Indo-Pacific Studies

- **Naidu G V C**, “Indo-Pacific as a New Template of Analysis”, *Indian Foreign Affairs Journal*, Vol. 9, No. 2, April – June, 2014
- **Naidu G V C**, “[What does Indo-Pacific Mean to India?](#)”, Indian Council for World Affairs, 1 August, 2014
- **Naidu G V C**, “India-Korea Relations in the Asian Century”, Vivekananda International Foundation, 26 December, 2014
- **Sundaraman Shankari**, “Indonesia: 2014 Presidential Election Explained” *IPCS Commentary*, No. 4582, 28 July, 2014
- **Sundaraman Shankari**, “South China Sea: Intransigence Over Troubled Waters” *IPCS Commentary*, No. 4605, 18 August, 2014
- **Sundaraman Shankari**, “Myanmar's Political Transition: Challenges of the 2015 Election” *IPCS Commentary*, No. 4651, 8 September, 2014
- **Sundaraman Shankari**, “The ASEAN's Centrality in the Indo-Pacific Region” *IPCS Commentary*, No. 4700, 20 October, 2014
- **Sundaraman Shankari**, “Modi in Myanmar: From ‘Look East’ to ‘Act East’” *IPCS Commentary*, No. 4742, 17 November, 2014
- **Sundaraman Shankari**, “Indonesia’s Pacific Identity: What Jakarta Must Do in West Papua”, *IPCS Commentary*, No. 4781, 17 December, 2014.
- **Sundaraman Shankari**, “Southeast Asia in 2015”, *IPCS Commentary*, No. 4810, 19 January, 2015

#### Centre for Russian & Central Asian Studies

- **Chenoy, Anuradha**, Sachin Chaturvedi, et. al, “Learning from India's Development Cooperation”, IDS Policy Briefing, No. 70, Sussex: Institute of Development Studies (IDS), 2014, Available at: <https://www.ids.ac.uk/publication/learning-from-india-s-development-cooperation>.
- **Chenoy, Anuradha**, Sachin Chaturvedi, et. al, “Indian Development Cooperation: the State of the Debate”, IDS Evidence Report, No. 95, Sussex: Institute of Development Studies (IDS), 2015, Available at: <https://www.ids.ac.uk/publication/indian-development-cooperation-the-state-of-the-debate>.
- **Das, Preeti D.**, “Two Decades of Re-emerging Russia: Issues and Challenges”, *Ethnicity and Culture in Post-Soviet Russia*. Ed. Sanjay Deshpande. Centre for Central Eurasian Studies: KW Publishers, 2015
- **Das, Preeti D.**, “School Education in India: Cognitive Approach in Education”, Современная Когнитология и Когнитивная аналитика в контексте философской инноватики, Rostov-Na-Don, Russia, URIU RANXiGC, 2014, ISBN- 978-5-89546-780-0.
- **Das, Preeti D.**, “Cultural Identities and Folk Culture: A Comparative Analysis of Russian and Indian Folk Narratives”, Компаративное Измерение Филосовской Инноватики, Rostov-Na-Don, Russia, Donizdat, 2014, ISBN 978-5-86216-234-9.
- **Mohanty, Arun**, “People to People: Building Bridges and Breaking Stereotypes”, *A New Era: India-Russia Ties in the 21<sup>st</sup> Century*. Eds. Konstantin Fets and Nandan Unikrishnan. New Delhi: Times Group Book Publication, 2015
- **Mohanty, Arun**, “Russia and Central Asia: Forays into Security Cooperation”, *Central Asia and Regional Security*. Eds. P. L. Dash and Murat M. Bakhadirov. New Delhi: KW Publishers, 2014
- **Mohanty, Arun**, “Boris Nemtsov’s Murder and Demonization of Putin”, *Mainstream*, Vol. LII, No. 11, 20 March, 2015
- **Mohanty, Arun**, “Ukrainian Crisis and Implications for World Order”, *Vestnik*, Bulletin of Moscow State University, Issue No. 12, March, 2015
- **Mohanty, Arun**, “Russia at Cross Roads”, *Mainstream*, Annual Issue, Vol. 53, No. 1, 27 December, 2014
- **Mohanty, Arun**, “Putin’s Visit and Indo-Russian Summit”, *Mainstream*, Vol. LII, No. 15, 13 December 2014.

- **Mohanty, Arun**, “Stocktaking before the 15th Indo-Russian Summit”, *Mainstream*, Vol. LII, No. 50, 6 December, 2014
- **Mohanty, Arun**, “Devil’s Dance on Malaysian Plane Tragedy”, *Mainstream*, Vol. L, 11, No. 32, 2 August, 2014
- **Mohanty, Arun**, “Tragedy in Donbas Sky and Ukrainian Crisis”, *Mainstream*, Vol. 52, No. 3, 26 July, 2014
- **Pandey, Sanjay Kumar**, “Afghanistan and Central Asia”, *Central Asia and its Neighbours: Prospects of India’s Cooperation*. Eds. Rashpal Malhotra et al. Chandigarh: CRRID, 2014: 153 – 168.
- **Pandey, Sanjay Kumar**, “Diaspora and Citizenship”, *Diaspora Studies*, Vol. 8 Issue 2, 2015: 166-168.
- **Patnaik, Ajay**, “Changing Migration Pattern in Eurasia: Special Focus on Central Asia”, *Demograficheskoe Prostranstvo Azii: Isotiya Sovremennost i Gipotezi*, published proceedings of the Conference material, *Novosibirsk: Parallel*, 2014
- **Upadhyay, Archana**, “Analysing Post-Soviet Politics”, *Two Decades of Re-emerging Russia, Challenges and Prospects*. Ed. Sanjay Deshpande, New Delhi: KW Publishers, 2015
- **Upadhyay, Archana**, “Dynamics of India-Russia Partnership in a Changing World”, *Economic and Political Weekly*. (Accepted for Publication in January, 2015)
- **Upadhyay, Archana**, “Dynamics of Post-Soviet Politics: Issues and Challenges”, *World Affairs*, Vol. 19 No. 1, January – March, 2015
- **Upadhyay, Archana**, “India’s Foreign Policy Strategy and the European Union”, *Latvian Interests in the European Union*, Vol. 16, No. 4, 2014, pp. 7-20, ISSN 2243-6049
- **Badan, Phool**, “Environmental Degradation and Health Problems in Central Asia”, *Central Eurasia: Political and Economic Perspective*. Ed. Sanjay Deshpande. Mumbai: Centre for Central Eurasian Studies, 2015
- **Kumar Rajan**, “Shanghai Cooperation Organization: Multilateralism or Countering US Influence?”, *Central Eurasia: Political and Economic Perspective*. Ed. Sanjay Deshpande. Mumbai: Centre for Central Eurasian Studies, 2015
- **Kumar, Rajan**, “India’s Foreign Policy under Modi Government”, *Marmara Üniversitesi Siyasal Bilimler Dergisi*, Turkey, Cilt 2, Sayı 2, Eylül 2014: 101-117, ISSN 2147-6934, Available at: <http://e-dergi.marmara.edu.tr/marusbd/article/view/5000092955/5000086435>
- **Mohapatra, Nalin Kumar**, “‘Securitisin’ Environment in Central Asia: From a Non-Traditional Threat Framework”, *Central Asia and Its Neighbours: Prospects for India’s Cooperation*. Eds. Rashpal Malhotra et al. Chandigarh: CRRID, 2014: 72-102.

### **Centre for South Asian Studies**

- **Batra Amita**, “India and China in the Emerging Asian Economic Architecture” in *India and China in the Emerging Dynamics of East Asia* by Naidu et al (Eds.), *Springer India*, 2015
- **Batra Amita**, ‘SAARC and Economic Integration’ in the Debate section of the *Indian Foreign Affairs Journal*, Vol.9, No. 4, 2014
- **Batra Amita**, “Challenges and Prospects of Mekong-India Trade” in *ASEAN-India: Deepening Economic Partnership in Mekong Region* by Prabir De (ed.), published by Research and Information System for Developing Countries (RIS), New Delhi, 2014.
- **Bhardwaj, Sanjay K.**, 66th Indian Republic Day and Contemporary South Asia: published by Bangladesh-India Friendship Society, Bangladesh, January, 2015
- **Kharat Rajesh S.**, India–Nepal Relations: Connecting from Somnath to Pashupatinath, in *Monthly magazine One Nation One People*, (Mumbai) March 2015, pp
- **Kharat Rajesh S.**, *Bhutan: Straddling Between Monarchy and Democracy* in Tikekar (2014), *Constitutionalism and Democracy in India’s Neighbourhood* (Oxford University Press), pp.

### **Centre for East Asian Studies**

- **Kondapalli Srikanth**, “Si Jinping si-gi jung-guk ui goon-sa-juk jeonhwan gwa jung-guk inmin haebang-goon ui baljeon yang-sang”, [Military transformation and development of Chinese People’s Liberation Army during the Xi Jinping period] in Lee Yongbin eds. “*Jung-guk Inmin Haebang goon ui Sil-iyuk- Gujo wa Hyun-sil*”, [Ability of the Chinese People’s Liberation Army- Structure & Reality] (Seoul: Hanwool Academy, 2015) pp.264-79.

- **Kondapalli Srikanth**, China's National Security & Apparatus", *USI Journal* Vol. CXLIV No. 595 (January-March 2014) pp. 5-25.
- **Kondapalli Srikanth**, "The paradox of China in the Asia-Pacific theatre", *Griffith Asia Quarterly* vol. 1 No. 1 (2014) at <https://www104.griffith.edu.au/index.php/gaq/article/view/469/436>
- **Kondapalli Srikanth**, "Simultaneous Rise of India and China- The Way Ahead", *Indian Foreign Affairs Journal* Vol. 9, No. 1, January–March 2014 pp. 18-22.
- **Kondapalli Srikanth**, "Transforming China's Military- Modernisation Aspects", *Defence and Diplomacy* (July –September 2014) vol. 3 no. 4 pp.1-18.
- **Choudhury Srabani Roy**, "India-Japan Strategic Cooperation- Expanding Engagement", *Indian Defence Review* Vol. 29. 4 October – December, 2014
- **Hashmi Sana**, "China-Myanmar Border Dispute Resolution: An Assessment", *Himalayan and Central Asian Studies Journal*, Vol. 18. No. 1/2, January – July, 2014
- **Hashmi Sana**, "Salience of South China Sea in China's Strategic Calculation", *Defence and Diplomacy Journal*, Vol. 3, No. 4, July – September, 2014
- **Hashmi Sana**, "Five Issues that are Determinants in India-China Relations", *Defence and Security Alert*, Vol. 5, Issue 8, May 2014, pp. 56-57
- **Hashmi Sana**, "India-China Economic Ties: Bedrock of Relations", *The Diplomatist*, June, 2014
- **Hashmi Sana**, "India-China Cooperation in BRICS", *India-China Chronicle*, March – April, 2015, pp. 48-51.
- **Singh Abhishek Pratap**, Emerging Legal Regime in China: Effect of Economic Law Reforms", *World Focus*, March 2014, Volume 411.
- **Singh Abhishek Pratap**, "Energy Security and South Asian Scenario: Options for India", *World Focus*, October 2014, Volume 418.
- **Singh Abhishek Pratap**, "Sustainable Development and China: A Study of Environment Policy and Legal Sanctions", *World Focus*, February 2015, Volume 422, pp. 69.
- **Singh Abhishek Pratap**, Commentaries: "China Debates Rule of Law", Indian Institute of Technology (IIT) Madras, China Studies Centre, 13 November, 2014. \*(available at URL: <http://www.csc.iitm.ac.in/> )
- **Singh Abhishek Pratap**, "China's Anti-Graft Campaign", Indian Institute of Technology (IIT) Madras, China Studies Centre, 23 March, 2014 Obituary Lee Kuan Yew, *Statesman of the East*, Bharat Niti, April 03, 2015 (\* available online at <http://www.bharatniti.in/>)

### **Centre for International Trade and Development**

- **Bansal, S.**, "Environmental quality: Impact of economic growth", *Environment and Development Economics*, Cambridge University Press, 2014
- **Bansal, S.**, "Eliciting Farmers' Valuation for Abiotic Stress-Tolerant Rice in India", co-authored with A. Arora and P.S. Ward, IFPRI Discussion Paper 01409, 2015
- **Bansal, S.**, An Analysis of Corporate Social Responsibility Expenditure in India", co-authored with S. Rai, *Economic and Political Weekly*, Vol - XLIX No. 50, 13 December, 2014
- **Bansal, S.**, "Imperfect Certification under Cournot Duopoly", co-authored with C. Grover, CITD Discussion Paper 15-03, 2015
- **Barua, Alokesh**, and Manoj Pant, "Trade and wage inequality: A specific factor model with intermediate goods", *International Review of Economics and Finance* 33, pp. 172 – 185, (2014).
- **Barua, Alokesh**, and Aparna Sawhney (Accepted in 2014), "Development Policy Implications for growth and regional inequality in a small open economy: The Indian case", *Review of Development Economics* (forthcoming in August, 2015)
- **Barua, Rashmi** & Marian Vidal-Fernandez, "No Pass, No Drive: Education and Allocation of Time", Volume 8, No. 4, Pages 399-431, winter 2014, *Journal of Human Capital*, 2014
- **Barua, Rashmi**, "Intertemporal Substitution in Maternal Labor Supply: Evidence Using State School Entrance Age Laws", Volume 31, Pages 129-140 (December, 2014), *Labour Economics*
- **Guha, Brishti**, and Roy Chowdhury, Prabal, "Borrower Targeting Under Microfinance Competition with Motivated MFIs and Strategic Complementarity". *The Developing Economies*. No 52, pages 211–240, 2014
- **Guha, Brishti**, and Guha, Ashok S. "Reversal of Fortune Revisited: the Geography of Transport and the Changing Balance of World Economic Power". *Rivista di Storia Economica*. No 30, pages 161-188, 2014

- Datt, Divya and **Keswani Mehra, Meeta**, “Environmental Policy in a Federation with Special Interest Politics and Inter-Governmental Grants”. *Environmental and Resource Economics*. February, 2015
- **Basu, Sujata** and **Keswani Mehra, Meeta** “Endogenous Human Capital Formation, Distance to Frontier and Growth”. *Research in Economics*. No 68, pages 117–132, 2014
- Barua A. and **Pant, Manoj.**, “Trade and wage inequality: A Specific Factor Model with Intermediate Goods”, *International Review of Economics and Finance* 33, pp.172–185, September, 2014
- Sanghita M. and **Pant, Manoj**, “FDI and Firm Competitiveness: Evidence from Indian Manufacturing”, *Economic and Political Weekly*, 20 September, 2014 vol XIX no. 38, pp. 56-64.
- **Sarma, Mandira**, “Measuring Financial Inclusion”, *Economics Bulletin*, 35(1): 604-611 (March, 2015)
- **Sawhney, Aparna** and Rashmi Rastogi, “Is India Specializing in Polluting Industries?”, *The World Economy*, Volume 38(2): 360-378, (2015). ISSN 1467-9701
- **Sawhney, Aparna** and M. Rahul, “Examining the Regional Pattern of Renewable Energy CDM Power Projects in India”, *Energy Economics*, Volume 42: 240-247, (2014). ISSN 0140-9883

## Books

### **Centre for Comparative Politics and Political Theory**

- **Chenoy, Kamal Mitra**, *The Rise of Big Business in India*, Aakar Books, New Delhi, 2015, (ISBN: 978-93-5002-323-5 (Hb); 978-93-5002-324-5 (Pb)).

### **Centre for European Studies**

- **Jain, Rajendra K.**, *India, Europe and Conflict Resolution in South Asia* (editor), K W Publishers, New Delhi, 2015
- **Jain, Rajendra K.**, *The European Union and South Asia* (editor), K W Publishers, New Delhi, 2015

### **Centre for Inner Asian Studies**

- **Warikoo, K.**, *The Other Kashmir: Society, Culture and Politics in the Karakoram Himalayas*. New Delhi, IDSA/Pentagon Press, 2014. XIV, 341pp. (Edited)
- **Warikoo, K.**, *Tajikistan in the 21<sup>st</sup> Century: Society, Politics and Economy*. New Delhi, Pentagon Press, 2015. 300 pp. (Co-Edited with Khojamahmad Umarov)
- **Namgyal, Tsetan**, *The Trans Himalayan Tibet: A Copter Approach (Histories, Languages and Literatures of the Peoples (Traditional and Contemporary) Vol. I* Manakin Press Pvt. Ltd New Delhi, 2015. (ISBN: 978-93-843-701-76)

### **Centre for Indo Pacific Studies**

- **Kaul Man Mohini**, Forthcoming ready for publication. “India’s Look East to Act East Policy: Tracking the Opportunities and Challenges in the Indo-Pacific”, Pentagon Press, New Delhi, 2015
- **Naidu G V C.**, *Building Confidence in “East Asia: Identity, Maritime Security and Economic Interdependence”*, co-edited with Kazuhiko Togo. New York: Palgrave, 2015
- **Naidu G V C.**, *India and China in the Emerging Dynamics of East Asia*, co-edited with Mumin Chen and Ravi Prasad Narayan. Heiderberg: Springer, 2014

### **Centre for Russian & Central Asian Studies**

- **Mohanty, Arun** and Larisa Ruban, *Asia-Pacific Energy Scenario*, Moscow: Russian Academy of Sciences, 2014.
- **Badan, Phool**, *Resurgence of Islam in Central Asia*, New Delhi: Lancers’ Books, 2014.

### **Centre for International Politics, Organization and Disarmament**

- **Rajagopalan, Rajesh**, (with Atul Mishra), *Nuclear South Asia: Key Words and Concepts* (New Delhi and Abingdon: Routledge, 2014).

### ***Centre for East Asian Studies***

- **Dolla Varaprasad Sekhar**, *Science and Technology in Contemporary China: Interrogating Policies and Progress*. Cambridge University Press: Cambridge, January, 2015.
- **Srabani Roy Choudhury**, (Edited) *Japan- SAARC Partnership: A Way Ahead*, Pentagon Press, 2014
- **Uttam, Jitendra**, *The Political Economy of Korea: Transition, Transformation and Turnaround*, Basingstoke, U.K. & New York: Palgrave Macmillan, 10 December, 2014, pp 269.

### ***Centre for International Trade and Development***

- **Manoj Pant**, *FDI in India: History, Policy and the Asian Perspective-* with Deepika Srivastava, Orient Blackswan, February, 2015

## **Chapters in Books**

### ***Centre for Comparative Politics and Political Theory***

- **Bijukumar, V.**, “Democracy and Development: A Theoretical Understanding”, *Democracy and Development in India’s North-East: Challenges and Opportunities*. Eds. L.S. Gassah and C.J. Thomas. New Delhi: Bookwell Publishers, 2015, pp. 31-47, (ISBN: 978-93-80574-74-5).
- **Bijukumar, V.**, “Modernity and Ethnicity: An Intersectionality Analysis”, *Modernity and Ethnic Process in India*. Ed. D.V. Kumar. New Delhi: Rawat Publications, 2014, pp. 113-126, (ISBN: 978-81-316-0639-1).
- **Bijukumar, V.**, “Globalisation, Modernity and Identity Politics”, *Globalisation and Traditional Institutions in North-East India*. Ed. R. K. Satapathy. New Delhi: Lakshmi Publishers, 2014, pp. 57-71, (ISBN: 978-93-82120-35-3).
- **Dastider, Mollica**, “Janajati Interventions in the Caste Hindu Culture of East Himalayas”, *Kumar Kirti (Bilingual Eassays in Honour of Social Historian and Literary Critic Kumar Pradhan)*. Ed. Manprasad Subba. Darjeeling: Mukti Prakashan, 2014: 210-220.

### ***Centre for European Studies***

- **Bava, Ummu Salma**, “India, China and the European Union, Changing Engagements and New Relations” in Jan Wouters, Jean-Christophe Defraigne and Mathieu Burnay ed., *China, the European Union and the Developing World* (Cheltenham, UK, 2015), pp.177-185
- **Jain, Rajendra K.**, “The European Union and Democracy Promotion in South Asia”. Ed. Rajendra K. Jain, *The European Union and South Asia*, New Delhi: Knowledge World Publishers, 2015: 55-76.
- **Jain, Rajendra K.**, ed., *India, the Europe and Conflict Resolution in South Asia*, New Delhi: Knowledge World Publishers, 2015: 78-96.
- **Jain, Rajendra K.**, “India’s Strategy towards the EU: Shared Values but Elusive Coordinated Policies”, Ed. Hungdah Su, *Asian Countries’ Strategies towards the European Union in an Inter-regionalist Context*, Taipei: National University of Taiwan Press, 2015: 177-196.
- **Jain, Rajendra K.**, “Indian Elites and the EU as a Normative Power”, co-authored with Shreya Pandey, Ed. Natalia Chaban and Martin Holland, *Europe and Asia: Perceptions from Afar*, Baden-Baden: Nomos and Bloomsbury Publishing, 2015: 252-272.
- **Jain, Rajendra K.**, “Perceptions and Misperceptions: Images of the European Union in India”, co-authored with Shreya Pandey, Ed. Natalia Chaban and Martin Holland, *Europe and Asia: Perceptions from Afar*, Baden-Baden: Nomos and Bloomsbury Publishing, 2015: 143-170.
- **Jain, Rajendra K.**, “Contemporary Indian Perspectives on the EU and its Role in South Asia and the World”, Ed. Pascaline Winaud, Andrea Benvenuti and Max Guderzo, *The External Relations of the European Union*, Berlin: Peter Lang, 2015: 135-150.
- **Jain, Rajendra K.**, “India-EU Strategic Partnership: Perceptions and Perspectives”, NFG Working Paper 2014, Free University of Berlin [Networked Think Tank of the NFG

(Nachwuchsforschergruppe) Research Project “Asian Perceptions of the EU: External views on the EU as a Civilian Power – India and China in Comparison”].

- **Sachdeva, Gulshan**, “India and the European Union: Human Rights Challenges”, in Douthett Lettinga & Lars van Troost (Eds) *Shifting Power and Human Rights Diplomacy: India* (Amsterdam; Amnesty International Netherlands), 2015, pp.65-72.
- **Sachdeva, Gulshan**, “Post-2014 Challenges in Afghanistan and India’s Role”, in Mushir Anwar (Ed) *Pakistan’s Strategic Environment Post-2014* (Islamabad: Hans Seidel Foundation, Islamabad Policy Research Institute, 2015).
- **Sachdeva, Gulshan**, “The European Union and Conflict Resolution on Afghanistan”, in Rajendra K Jain, *India, Europe and Conflict Resolution in South Asia* Delhi: K W Publishers 2015, ISBN 9789383649402, pp. 49-63
- **Sachdeva, Gulshan**, “Changing Discourse through Integration”, in *Afghanistan Reconnected* (NY: East West Institute, 2014)
- **Sachdeva, Gulshan**, “Post-2014 Afghanistan: Possible Areas of India-Russia Cooperation”, in Rajiv Bhatia et al (eds) *India & Russia: Deepening the Strategic Partnership* (New Delhi: Shipra Publishers, 2014, ISBN: 9788175417212).
- **Sachdeva, Gulshan**, “India-Poland Economic Relations in the Context of broader India-EU Ties and Euro Crisis”, in Vijay Sakhuja, Dinoj K Upadhyay & Patryk Kugiel (Eds) *India Poland Relations in the 21st Century - Vistas for Future Cooperation* (New Delhi: Vij Books, 2014).
- **Sharma, Sheetal**, “South Asian Diaspora in the UK”, in R.K. Jain (ed.) *The European Union and South Asia*. KW Publishers Pvt Ltd: New Delhi. pg 152-176.
- **Sharma, Sheetal**, “Multiculturalism and the Social Structure in India and Europe”, in R.K. Jain (ed) *Multiculturalism in India and Europe*, Aakar Books: New Delhi. 2014. pg. 1-25.
- **Sharma, Sheetal**, “Social Integration in Multicultural Societies: A comparative Study of India and Europe”, in R.K. Jain (ed) *Multiculturalism in India and Europe*, Aakar Books: New Delhi. 2014, pg. 49-71.

### ***Centre for Inner Asian Studies***

- **Debata, Mahesh Ranjan**, “India and Xinjiang: A Study of Historico-Cultural Linkages” in Sudhir Singh (ed.) *India in Emerging Asia*, New Delhi: Pentagon, 2015: 137-149.
- **Debata, Mahesh Ranjan**, “Discourse on ‘Three Evil Forces’ within the Ambit of SCO” in Rashpal Malhotra et al (eds.) *Central Asia and its Neighbours: Prospects of India’s Cooperation*, Chandigarh: Centre for Research in Rural and Industrial Development (CRRID), 2014: 39-56
- **Dutta, Mondira**, “India - Tajikistan Initiatives for Peace and Security in Afghanistan”, Pg 125, in *Central Asia and its Neighbours, Prospects of India's Cooperation*, Edt by Rashpal Malhotra, Sucha Singh Gill & Davinder K Madaan, May, 2014, Centre for Research in Rural and Industrial Development (CRRID), Chandigarh, ISBN: 978-81-85835-69-1.
- **Dutta, Mondira**, “Japan - SAARC Relations: Addressing Challenges of Afghan Women, Post-2014”, Pg 211, in *Japan-SAARC Partnership, A Way Ahead* Edt by Srabani Roy Choudhury, April, 2014, Pentagon Press, New Delhi, Pentagon Press, ISBN: 978-81-8274-784-5.
- **Dutta, Mondira**, “Tajik-Afghan Border: Countering Drug Trafficking for Regional Stability”, in *Tajikistan in the 21<sup>st</sup> Century: Society, Politics and Economy*. Edited by K. Warikoo and Khojamahmad Umarov (Editors), New Delhi, Pentagon Press, March, 2015
- **Soni, Sharad K.**, “Debating Nomadism versus Modernism: Some Reflections on Mongolian Identity Issues”. *Image of the Region in Eurasian Studies*. Suchandana Chatterjee (ed.) New Delhi: KW Publishers, 2014:87-100.
- **Thapliyal, Sangeeta**, “Perception of the Other: Myths or Realities”, in Monika Mondal (ed)., *Indo Nepal Relations*: New Delhi: KW Publishers, 2014
- **Warikoo, K.**, “Central Asia-China Cooperation: Lessons for India”. In *Central Asia and Its Neighbours: Prospects of India’s Cooperation*. Edited by Rashpal Malhotra, S.S.Gill and Davinder K. Madaan. Chandigarh, CRRID, 2014. pp 145-152.
- **Warikoo, K.**, “Karakoram Himalayas and Central Asia: The Buddhist Connection”. In *The Other Kashmir: Society, Culture and Politics in the Karakoram Himalayas*. New Delhi, IDSA, Pentagon Press, 2014. pp 13-34.
- **Warikoo, K.**, “The Making of a Frontier: The Relationship between Kashmir and its Frontier Territories”. In *The Other Kashmir: Society, Culture and Politics in the Karakoram Himalayas*. New Delhi, IDSA, Pentagon Press, 2014. pp 98-124.

- **Warikoo, K.**, “Geo-strategic Importance of Gilgit-Baltistan”. In *The Other Kashmir: Society, Culture and Politics in the Karakoram Himalayas*. New Delhi, IDSA, Pentagon Press, 2014. Pp 125-145.
- **Warikoo, K.**, “Afghanistan and Central Asia: Challenges and Opportunities”. In *Afghanistan after 2014*. Edited by S. Paranjpe and R. Abhyankar. New Delhi, Kalinga Publishers, 2014.
- **Warikoo, K.**, “Afghanistan Factor in Tajikistan Crisis, 1992-1997”. In *Tajikistan in the 21<sup>st</sup> Century*. Edited by K. Warikoo and Khojamahmad Umarov. New Delhi, Pentagon Press, 2015. pp 66-84.
- **Warikoo, K.**, “Development of Trade and Economic Relations between India and Tajikistan”. In *Tajikistan in the 21<sup>st</sup> Century*. Edited by K. Warikoo and Khojamahmad Umarov. New Delhi, Pentagon Press, 2015. pp 187-195.
- **Warikoo, K.**, “On the High Road to Pamirs: Travel experiences in Gorno-Badakhshan Region of Tajikistan”. In *Tajikistan in the 21<sup>st</sup> Century*. Edited by K. Warikoo and Khojamahmad Umarov. New Delhi, Pentagon Press, 2015. pp 258-267.

### ***Centre for Indo-Pacific Studies***

- **Naidu G V C.**, Introduction (with Kazuhiko Togo) in *Building Confidence in East Asia: Identity, Maritime Security and Economic Interdependence* (New York: Palgrave, 2015) co-edited with Kazuhiko Togo
- **Naidu G V C.**, “Can Economic Interdependence and Cooperation Mitigate Security Concerns in East Asia?” in *Building Confidence in East Asia: Identity, Maritime Security and Economic Interdependence* (New York: Palgrave, 2015)
- **Naidu G V C.**, “Maritime Security Environment in East Asia: Need for Strengthening Maritime Regimes, Greater Cooperation and Dialogues” (with Tran Viet Thai) in *Building Confidence in East Asia: Identity, Maritime Security and Economic Interdependence* (New York: Palgrave, 2015) co-edited with Kazuhiko Togo
- **Naidu G V C.**, Conclusion (with Kazuhiko Togo) in *Building Confidence in East Asia: Identity, Maritime Security and Economic Interdependence* (New York: Palgrave, 2015) co-edited with Kazuhiko Togo
- **Naidu G V C.**, Introduction (with Mumin Chen) in *India and China in the Emerging Dynamics of East Asia* (Heiderberg: Springer, 2014) co-edited with Mumin Chen and Ravi Prasad Narayan
- **Naidu G V C.**, “India, China and East Asia in India and China”, in the *Emerging Dynamics of East Asia* (Heiderberg: Springer, 2014) co-edited with Mumin Chen and Ravi Prasad Narayan
- **Sundararaman Shankari**, “India ASEAN Cooperation and the Regional Comprehensive Economic Partnership”, in Rajiv Bhatia and Rahul Mishra (eds.), *The Peacock and the Garuda: An Overview of India-Indonesia Relations*, ICWA and Knowledge World, New Delhi, 2015
- **Sundararaman Shankari**, “Bilateral Trade Relations Between India and Indonesia: Challenges and Opportunities”, in Rajiv Bhatia and Rahul Mishra (eds.), *The Peacock and the Garuda: An Overview of India-Indonesia Relations*, ICWA and Knowledge World, New Delhi, 2015

### ***Centre for Russian & Central Asian Studies***

- **Chenoy, Anuradha**, “Gendered Nation”, in *Gender, Literature, Culture*, for MA in Women’s & Gender Studies, Course Code: MWG 006, Indira Gandhi National Open University (IGNOU), New Delhi, 2015
- **Patnaik, Ajay**, “Russia in the post-Soviet Space”, *Two Decades of Re-emerging Russia*. Ed. Sanjay Deshpande. New Delhi: KW Publishers, 2015
- **Patnaik, Ajay**, “India-Central Asia Energy Partnership: Current Trends and Outlook for the Future”, *India and Central Asia. Exploring New Horizons for Cooperation*. Eds. Rajiv Bhatia. Meruyert Abusseitova, Laura Yerekesheva and Athar Zafar. New Delhi: Shipra Publishers, 2014
- **Patnaik, Ajay**, “Russian and the US: Synergy amid Rivalry in Central Asia”, *Central Asia and Regional Security*. Eds. P.L. Dash, Anita Sengupta and Murat M. Bakhadirov. New Delhi: KW Publishers, 2014

### ***Centre for International Politics, Organization and Disarmament***

- **Kumar, Shivaji**, “India’s Identity Dilemma: Asian or Western”, in Ted Hopf and Bentley Allan, Eds., *Making Identity Count* (Oxford University Press, 2015)

- **Meena, Krishnendra**, “Indonesia as a pivot in Indo-Pacific geopolitical imagination”, in Gautam Kumar Jha and Son Kuswadi (eds.), *India-Indonesia Bilateral Ties* (New Delhi: DK Printworld, 2015), 152-168
- **Meena, Krishnendra**, “Geopolitics of the Indian Ocean Region”, in Happymon Jacob (ed.), *Does India Think Strategically? India’s Strategic Culture and Foreign Policy* (New Delhi: Manohar Publications, 2014)
- **Rajagopalan, Rajesh**, “Nuclear Issues in West Asia: An Indian Perspective”, in Meena Singh Roy (ed.), *Emerging Trends in West Asia: Regional and Global Implications* (New Delhi: IDSA/Pentagon Press, 2014)
- **Sahni, Varun**, “UNSC Reform Agendas and Group Dynamics”, in Ruchita Beri and Arpita Anant (eds.), *United Nations Security Council Reform: Perspectives and Prospects*, IDSA Monograph Series 38, June 2014, pp. 23-29.
- **Sahni, Varun**, “Indian perspective on the BRICS: enthusiastic, elusive, and still evolving”, José Vicente de Sá Pimentel (ed.), *Brazil, BRICS and the international agenda* (Brasilia: Fundação Alexandre de Gusmão, 2014), pp. 569-609
- **Singh, Swaran**, “China-India Equations: Indian Perspectives”, in Annpurna Nautiyal and Chintamani Mahapatra (eds.), *India-China Relations in the Contemporary Era: Opportunities, Obstacles and Outlooks* (New Delhi: Kalpaz Publications, 2015), pp.33-44
- **Srivastava, Jayati**, “India-Pakistan and Civilizational Subtext: Problematizing the Binaries”, in Brigitte Vassort-Rousset (ed.), *Building Sustainable International Couples: Critical Components of a Strategy Towards Peaceful and Constructive Cooperation* (Basingstoke, Hampshire: Palgrave Macmillan, 2014), pp. 190-208

### ***Centre for South Asian Studies***

- **Bhardwaj, Sanjay K.**, “Bangladesh Small states’ Imperatives vis-à-vis India”, in Sarkar Sanghamitra (ed) *21 Century South Asia*, Manas Publication, New Delhi, 2014

### ***Centre for East Asian Studies***

- **Prabhakar H. S.**, “Extra-Regional Powers in SAARC: Role of JAPAN”, in Srabani Roychoudhary (ed), *Japan-SAARC Partnership*, Pentagon Press, New Delhi, 2014
- **Varma Laima**, Japan’s Approach to Resignation with reference to SAARC”, in Srabani Roy Choudhury (Ed.), *Japan-SAARC partnership A way ahead*, Pentagon Press, 2014, pp 1-14.
- **Varma Laima**, “Challenges to Japan’s Foreign Policy in the Twenty first century placing India”, in G. Jayachandra Reddy, (Ed.), *Jap-India Relations: Culture Religion’s Regional Integration*, (UGC Centre for Southeast Asians Pacific Studies Sri Venkateswara University, Tirupati, 2014, pp 128-146.
- **Kondapalli Srikanth**, “Knocking at the Himalayan Gates: China’s Perspectives in SAARC”, in Srabani Roychoudhury Ed. *Japan–SAARC: A Way Ahead* (New Delhi: Pentagon Press, 2014) pp.99-115.
- **Kondapalli Srikanth**, “China and Transnational Maritime Security Challenges”, in Mohan Malik Ed. *Maritime Security in the Indo-Pacific: China, India, and US Perspectives* (Rowman & Littlefield Publishers, 2014).
- **Kondapalli Srikanth**, “Fence Sitting, Prolonged Talks: India-China Boundary Dispute”, in Chen Mumin and GVC Naidu Eds. *India and China in the Emerging Dynamics of East Asia* (Springer, 2014) pp.
- **Kondapalli Srikanth**, “China and the Arab Spring: Perception and Policy Responses”, in Anwar Alam Ed. *Arab Spring- reflections on Political Changes in the Arab World and its Future* (New Delhi: New Century Publications, 2014) pp. 355-74.
- **Kondapalli Srikanth**, “丝绸之路经济待遇中印关系[Silk Road Economic Belt and China-India relations]”, in Chongyang Institute of Financial Studies People’s University Ed., [丝绸之路经济带蓝皮书2014-2015] *Blue Book of Silk Road Economic Study, 2014-15* (Beijing: China Economic Publishing House, 2014) pp. 153-60.
- **Kondapalli Srikanth**, “New Dynamics of the Indian Ocean region and Indian Role”, in R. Sidda Goud and Manisha Mookherjee Eds. *China in Indian Ocean Region* (Delhi: Allied Publishers, 2015) pp.1-11.

### ***Centre for International Trade and Development***

- **Bansal, S.**, “Genetically Modified Crops in India: An Economic Analysis”, with (A. Arora) in Sustainability of Growth of the Indian Economy; The Role of Economic, Technological and Environmental Factors (ed) Manmohan Agarwal, World Science, 2015.
- **Bansal, S.**, “Impact of Price Controls on Diffusion of Bt Cotton and Profitability of Seed Providers” (with A. Arora) in India’s Tryst with Bt Cotton: Learnings from the First Decade (ed.) N. Lalitha and P.K. Viswanathan, Concept Publications, 2015.
- **Bansal, S.**, “Climate Change Negotiations: Challenges and Opportunities for India” in India and the World Economy (ed.) Jayati Ghosh, Oxford University, 2015.
- Sawhney, Aparna, and **Keswani Mehra, Meeta**, Indian Perspective on Clean Energy and Energy Efficiency. In Emerging Economies: Food and Energy Security and Technology and Innovation, Shome, Parthasarathi and Sharma, Pooja (Eds.). Springer Publishers, 2015. ISBN 978-81-322-2101-2.
- **Keswani Mehra, Meeta**, and Datt, Divya. Revisiting Energy Subsidies in the Context of Ongoing G-20 Dialogue: A Discussion with Special Reference to India. In The G20 Macroeconomic Agenda: India and the Emerging Economies, Parthasarathi Shome (Ed), Cambridge University Press, July 2014. ISBN: 9781107051102.
- **Sawhney Aparna** and Susmita Mitra, “Growth of Clean Energy Capacity in India and Associated Technology Import”, in Manmohan Agarwal, Jiahua Pan and John Whalley ed. Sustainability of Growth: The Role of Economic, Technological and Environmental Factors, The World Scientific Asia and the World Economy series, Volume 1, 2015
- **Sawhney Aparna** and Keswani Mehra, Meeta, “Indian Perspective on Clean Energy and Energy Efficiency” in Parthasarathi Shome and Pooja Sharma ed. Emerging Economies: Food and Energy Security, and Technology and Innovation, Springer (2015): 215-237. ISBN 978-81-322-2100-5

### **Research Papers**

#### ***Centre for Comparative Politics and Political Theory***

- **Biju kumar, V.**, “Socio-Political Dynamics of Information Society”, The Indian Journal of Public Administration, Vol. LX, No. 4, October – December, 2014, pp. 850-862, (ISSN: 0019-5561).
- **Biju kumar, V.**, “Politics of Contested Modernity: Gandhi, Nehru and Amedkar”, Journal of Polity and Society, Vols. 5 & 6, Nos. 1 & 2, January – June, 2014, pp. 29-46, (ISSN: 0976-0210).
- **Biju kumar, V.**, “Growth and Poverty in India: The Current Debate”, ISDA Journal, Vol. 24, Nos. 3 & 4, July – December, 2014, pp. 253-279, (ISSN: 0971-2550).
- **Biju kumar, V.**, “Mizoram Assembly Election 2013: An Analysis”, Man and Society (A Journal of North-East Studies), Vol. XI, Summer, 2014, pp. 81-93, (ISSN: 2229-4058)
- **Biju kumar, V.**, “Development, Governance and Extremism in North-East India”, Journal of Governance & Public Policy, Vol. 4, No.1, January – June, 2014, pp. 2-10, (ISSN: 2231-0924)
- **Menon, Nivedita**, “Perry Anderson and the British Ideology”, Constellations, Vol. 21, Issue 2, June, 2014: 24-30, (ISSN 1467-8675).
- **Menon, Nivedita**, “A Uniform Civil Code in India: The State of the Debate in 2014”, Feminist Studies, Vol. 40, No. 2, 2014, (ISSN 0046-3663).
- **Singh, Mohinder**, “Jantantra ka Jan aur Tantra”, Alochana, No. 53, October, 2014 (Article in Hindi).

#### ***Centre for European Studies***

- **Jain, Rajendra K.**, “Nehru and the European Economic Community,” India Quarterly, 71(1), January-March 2015, pp. 1-16, New Delhi: Indian Council of World Affairs/Sage (ISSN 0974-9284)
- **Sachdeva, Gulshan** “EU-China and EU-India: A Tale of Two Strategic Partnerships” Strategic Analysis (ISSN 0970-0161), 38:4, 2014.
- **Sachdeva, Gulshan**, “Reaching out to Central Asia” Himal Southasian (April, 2014 ISSN 10129804)
- **Sachdeva, Gulshan**, “The Battle over Ukraine” Geopolitics, Vol. 4, Issue XI, April, 2014

- **Sharma, Sheetal**, Empowerment and Equality of Women, Kurukshetra-A Journal for Rural Development, March, 2015. ISSN- 0021-5660

### ***Centre for Inner Asian Studies***

- **Debata, Mahesh Ranjan**, “Dragon Dance in the South China Sea and India’s Woes”, NAM Today, vol. 43, no. 1, 2015, pp. 2-7.
- **Debata, Mahesh Ranjan** “Silk Road Economic Belt and India: Challenges and Opportunities” World Focus, Annual Issue, Series 2, Vol. 35, No. 12, December, 2014, pp. 121-126.
- **Dhaka, Ambrish**. “Afghanistan Beyond 2014”, Economic and Political Weekly, September 2014, vol 37, pp.36-39.
- **Dutta, Mondira**, “Reaching the Grassroots: Contribution of India in Afghanistan”, p. 143, <http://eujournal.org/files/journals/1/books/AIIC2014.Vol.2.pdf>, 2nd Annual International Interdisciplinary Conference, AIIC 2014, 8-12 July, Azores, Portugal Proceedings, Vol.2, August, 2014
- **Dutta, Mondira**, “Trafficking of Children for Sport, Entertainment and Terrorist Activities”, Defence and Security Alert, Pg 44, New Delhi, Vol 6, Issue 2, November, 2014
- **Dutta, Mondira**, “Small Development Projects (SDP) of India in Afghanistan, Post 2014: Strengths and Opportunities”, World Focus, Annual Issue Series - 2, Pg 30, New Delhi, December, 2014
- **Soni, Sharad K.**, “The ‘Third Neighbour’ Approach of Mongolia’s Diplomacy of External Relations: Effects on Relations between India and Mongolia”, India Quarterly, 2015, 71 (1): 37-52.
- **Soni, Sharad K.**, “Russian Policy towards Northeast Asia: The Mongolia Factor”, Mongolian Journal of International Affairs, 2014, 19:34-48.
- **Soni, Sharad K.**, “Mongols of Xinjiang: A Retrospective Overview”, Mongolica, 2014, 47:139-152.
- **Soni, Sharad K.**, “The ‘Third Neighbour’ Orientation of Mongolia’s Foreign Policy: Is it a Realistic Approach?”, Khabarshy, 2014, 3-4 (15-16): 8-16.
- **Thapliyal, Sangeeta**, “Modi’s visit to Nepal: An Assessment”, Mainstream (New Delhi), Vol. LII, No. 34, 16 August, 2014. [www.mainstreamweekly.net/?debut\\_articles\\_recents=15#pagination\\_articles\\_recents](http://www.mainstreamweekly.net/?debut_articles_recents=15#pagination_articles_recents)
- **Warikoo, K.**, “On the Trail of Silk Route: Pilgrimage to Sumeru, Altai”. Himalayan and Central Asian Studies Vol. 18, Nos. 3-4, July – December, 2014, pp 16-36

### ***Centre for Indo Pacific Studies***

- **Man Mohini Kaul**, “Fiji’s transition to Democracy”, in Fiji Lessons in Democratic Creativity published by Lila Interactions an online medium of translocal dialogues 14 October, 2014
- **Man Mohini Kaul**, Forthcoming India – ASEAN Relations: A View from Indian Perspective in ed by Prof Tridib Chakraborti tentatively titled Southeast Asia in the Global Order submitted the article, 22 March, 2014

### ***Centre for International Politics, Organization and Disarmament***

- **Choedon, Yeshi**, “India and Democracy Promotion: Cautious Approach and Opportunity”, India Quarterly (accepted for publication 22 November, 2014)
- **Jaganathan, Madhan Mohan** (with Gerrit Kurtz), “Singing the tune of sovereignty? India and the responsibility to protect”, Conflict, Security and Development 14 (4), June, 2014: 461-487.
- **Meena, Krishnendra**, “Locating Borders in an Age of Global Flows: Border Thinking/Instances are everywhere”, Eurasia Border Review 5 (2), 2014: 61-80.
- **Meena, Krishnendra**, “India and the Indo-Pacific Geopolitical Imagination”, Global Review (Journal of the Shanghai Institute of International Studies), Fall 2014: 95-114
- **Singh, Swaran**, “Indo–US Cooperation in Countering Cyber Terrorism: Challenges and Limitations”, (co-authored) in Strategic Analysis, September, 2014

### ***Centre for South Asian Studies***

- **Bhardwaj, Sanjay K**, “India’s River Water Management and Its Implications on Bangladesh: Policies and Politics”, *Journal of International Relations*, Vol. 6, No. 6 March, 2015
- **Bhardwaj, Sanjay K**, “Bangladesh in SAARC: Identity Issues and Perspectives”, *IIC Quarterly*, 2015
- **Bhardwaj, Sanjay K**, “Bangladesh: Identity and Inclusive Governance”, *Journal of the Asiatic Society of Bangladesh*, (Humanities) Vol. 60, No.1 June 2015.
- **Bhardwaj, Sanjay K**, “Good Fences Make Good Neighbors.” *World Geography: Understanding a Changing World*. ABC-CLIO,(Greenwood Press, California) 2015 <http://worldgeography2.abc-clio.com/>
- **Bhardwaj, Sanjay K**, “Issues of Illegal Bangladeshi Migration: Evaluating India-Bangladesh Approaches”, *CLAWS Journal*, winter, 2014.
- **Bhardwaj, Sanjay K**, “Building Sustainable Peace on Indo-Bangladesh Border: A Human Security Perspective”, *Journal of International Relations*, Vol. 5, No. 5 June, 2014
- **Bhardwaj, Sanjay K**, “Policy Options For India in Bangladesh: An Agenda for The New Government”, *Institute of Peace and conflict Studies*, Issue Brief, No.251, June, 2014

### ***Centre for East Asian Studies***

- **Prabhakar H. S.**, “Modi’s Visit to Japan: Incremental Evolution of India-Japan Bilateral Relations”, *World Focus*, December 2014, 420, Vol. XXXV No 12, New Delhi.

### ***Centre for International Trade and Development***

- **Keswani Mehra, Meeta**, Research paper on “Role of Fiscal Instruments in Promoting Low-carbon Technology Innovation: A Scoping Study”, for the Green Growth Knowledge Platform (GGKP), UNEP, October, 2014 – February, 2015, (with Rita Pandey).

### **Book Reviews**

#### ***Centre for Inner Asian Studies***

- **Thapliyal, Sangeeta**, Book Review of Mahendra Lawoti and Susan Hangen (ed.) *Nationalism and Ethnic Conflict in Nepal: Identities and Mobilisation after 1990*, *Asian Ethnicity*, Vol. 15. No. 3, June, 2014 <http://www.tandfonline.com/toc/caet20/current#U-uxj-OSy8A>
- **Namgyal, Tsetan**, Book Review “History of Tibet and Great Tibet”, by Zain-ul-Aabedin Aabedi, *Asian Ethnicity* vol.16 issue 2, 2015, pp, 262-266

#### ***Centre for International Politics, Organization and Disarmament***

- **Choedon, Yeshi**, Review of Terrence Lyons and Peter Mandaville (eds.), *Politics from afar: transnational diasporas and networks* (New York: Columbia University Press, 2012) in *Diaspora Studies* (Routledge), 23 April, 2014
- **Rajagopalan, Rajesh**, Review of *Hindu Nationalism and the Evolution of Contemporary Indian Security: Portents of Power* by Chris Ogden, *The Book Review*, 28:7 (July, 2014)
- **Rajagopalan, Rajesh**, Review of *India’s Military Modernization: Challenges and Prospects* edited by Rajesh Basrur, Ajaya Kumar Das and Manjeet S. Pardesi, *The Book Review*, 29:2 (February, 2015)
- **Singh, Swaran**, “Weak claims on nuclear dynamics”, in *The Hindu* (New Delhi), 6 May, 2014
- **Singh, Swaran**, “Leaders in a common thought matrix”, in *The Hindu* (New Delhi), 17 June, 2014
- **Singh, Swaran**, “Touching so many lives”, in *The Hindu* (New Delhi), 8 July, 2014

#### ***Centre for South Asian Studies***

- **Srikanth Kondapalli**, *We Should Not be Strangers*, Review of Reshma Patil’s *Strangers Across the Border: Indian Encounters in Boomtown China* (New Delhi: Harper Collins, 2014) *Mail Today*, 22

September, 2014 at  
<http://archive.epaper.mailtoday.in/showstory.aspx?queryed=9&querypage=28&boxid=17399953&par-entid=98357&eddate=Sep+21+2014+12%3A00AM&issuedate=NaNundefinedundefined>

### **Centre for East Asian Studies**

- **Abhishek Pratap Singh**, The Book Review Journal, Volume XXXVIII Number 6 June, 2014
- **Abhishek Pratap Singh**, Defending Rights in Contemporary China, by Jonathan Benney, London and New York: Routledge, 2013, pp. 197, China Report, Sage Publication, Volume 50, Number 4, November, 2014, pp. 391-394.

### **Other Research Articles/ Conference Papers/ Paper Presentations/Papers presented at Seminars**

#### **Centre for Indo-Pacific Studies**

- **Kaul Man Mohini**, Chaired Working Session 2 at the Conference on Look East Policy: India and Myanmar Pitching for Greater Connectivity organised by the Institute of Social Sciences, New Delhi and Burma Centre, Delhi, 4 August, 2014
- **Kaul Man Mohini**, Chaired the round-table discussion on India, Australia and Indo-Pacific: Regional Interpretations organised by IPCS in collaboration with Centre for Indo-Pacific Studies, SIS, JNU, 8 October, 2014
- **Naidu G V C**, "Northeast In India's Look East Policy", Managing India's Borders With Myanmar: Challenges And Options, Border Security Force, New Delhi, 5 June, 2014
- **Naidu G V C**, "India and Indo-Pacific Multilateralism", at SIS-ICWA Conference on India in the Emerging Global Order: Political, Strategic and Economic Dynamics, JNU, 11 – 12 November, 2015
- **Naidu G V C**, Regional Multilateralism and Economic Interdependence in East Asia: Prospects for India-New Zealand Cooperation, bilateral seminar on India-New Zealand Relations by the Indian Council for World Affairs, 24 November, 2014
- **Naidu G V C**, "India-China-U.S. Economic Triangle", national conference on India-US-China Relations organized by Deccan Herald, 13 December, 2014
- **Naidu G V C**, "India, Japan and the US Pivot to Asia", JNU-Melbourne University Joint Seminar, 29 – 30 September, 2014
- **Naidu G V C**, "India, China and the Contest for Myanmar", international conference on India-China Relations, Centre for Southeast Asian and Pacific Studies, S V University, 11 – 12 October, 2014
- **Naidu G V C**, "China's Rise: Implications for India-Japan Relations", 12th Annual Conference on Global Strategy and Taiwan's Security: Great Power Politics and Coercive Diplomacy, Institute of South Asia and the Middle Eastern Studies, National Chung Hsing University, Taichung, Taiwan, 21 November, 2014
- **Naidu G V C**, "China in India's Indian Ocean Strategy", symposium on "China-India Competition and Indian Ocean Regional Security", National Chung Hsing University, Taiwan, 23 November, 2014
- **Naidu G V C**, "India and East Asia", international conference on (Dis) integrating Asia? Competing Visions, Practical Solutions for Regional Integration, French Institute of International Affairs (IFRI), Paris, 19 March, 2015
- **Naidu G V C**, "Emerging Regional Order in East Asia: An Indian Perspective", international conference on (Dis) integrating Asia? Competing Visions, Practical Solutions for Regional Integration, French Institute of International Affairs (IFRI), Paris, 19 March, 2015
- **Naidu G V C**, "Indian Navy as Net Security Provider in the Indian Ocean", international conference on "India and the India Ocean: Renewing the Maritime Trade and Civilizational Linkages", jointly organised by Research and Information System for the Developing countries (RIS), New Delhi and Institute of Social and Cultural Studies (ISCS), Kolkata at Bhubaneswar, 20 – 22 March, 2015
- **Naidu G V C**, "India's Act East Policy", international conference on "India and Its Neighbours: Policy Priorities for the New Government", by the Centre for South Asian Studies, SIS, JNU, 24 – 25 March, 2015
- **Sundararaman Shankari**, Presented a paper on "India, ASEAN and the RCEP", at the India-Indonesia Bilateral Symposium organized by ICWA, Delhi, at Jakarta, 20 – 21 May, 2014
- **Sundararaman Shankari**, Presented a paper on "India-Indonesia Bilateral Trade Relations", at the India-Indonesia Bilateral Symposium organized by ICWA, Delhi, at Jakarta, 20 – 21 May, 2014

- **Sundararaman Shankari**, Chaired a session to discuss the Issue Brief on Myanmar at the Institute for Peace and Conflict Studies (IPCS), 18 July, 2014
- **Sundararaman Shankari**, Conducted a three day workshop on Research Methodology at the Department of Historical Research, Ministry of Culture, Myanmar, at Naypyidaw, Myanmar, 11 – 13 August, 2014
- **Sundararaman Shankari**, Presented a paper on the Political Reforms in Myanmar at a conference organised by the Institute for Peace and Conflict Studies (IPCS), on “Contemporary Myanmar and India-Myanmar Relations”, New Delhi, 5 September, 2014
- **Sundararaman Shankari**, Presented a paper on Southeast Asia and the Indo-Pacific, as part of a Roundtable Discussion on India, Australia and Indo-Pacific organised by the IPCS and the Centre for Indo-Pacific Studies, School of International Studies, Jawaharlal Nehru University, New Delhi, 8 October, 2014
- **Sundararaman Shankari**, Presented a paper on “Working Together in Myanmar” at a round-table conference on “Can India and Bangladesh Look East Together?”, organized by the IPCS, New Delhi, 17 November, 2014
- **Sundararaman Shankari**, Presented two lectures at the Naval War College, Goa India on India and Southeast Asia and a Special country briefing on Indonesia, at NWC Goa, 2 – 4 December, 2014
- **Sundararaman Shankari**, Round-table on IPCS Annual Regional Forecast, organised by IPCS, India International Centre, New Delhi, 4 February, 2015
- **Sundararaman Shankari**, Presented a paper titled “Dynamics of Change in India Southeast Asia Relations: Beyond Economics to Strategic Partnerships”, at the 17<sup>th</sup> Asian Security Conference organised by the Institute for Defence Studies and Analyses (IDSA), New Delhi, 11 – 13 February, 2015
- **Sundararaman Shankari**, Presented a paper on Indonesia’s Position on the Indo-Pacific at an international conference organised by the Society for Indian Ocean Studies, on “Arc of Peace and Prosperity in the Indo-Pacific Region”, New Delhi, 14-15 February, 2015

### ***Centre for International Politics, Organization and Disarmament***

- **Basu, Moushumi**, Presented a paper on “Multilateral Organizations and the Making of Global Norms: A Subaltern Critique”, at the World Congress organized by the International Political Science Association, Montreal, 22 July, 2014
- **Basu, Moushumi**, Presented a paper on “The Threads of Continuity between Colonial and Post-colonial Narratives on Development and Rights”, in Seminar “Thinking of Development in the Language of Rights”, organised by the Human Rights Studies Programme, SIS, JNU, 18 March, 2015
- **Choedon, Yeshi**, Presented a paper on “India and UN peacekeeping Operations: Engagement in Africa”, at 3<sup>rd</sup> India- Africa Strategic Dialogue on the theme “India-Africa: Building Synergies in Peace, Security and Development Institute of Defence Studies and Analysis”, New Delhi, 3 – 4 March, 2015
- **Choedon, Yeshi**, Presented a paper titled “India’s Position on UN Security Council Reform since 2005: Problem and Challenges”, at a national seminar on “Foreign Policy Challenges for Narendra Modi led NDA-II Government”, organized by V.K. Krishna Menon Study Centre for International Relations, University of Kerala, Thiruvananthapuram, 19 – 20 December, 2014
- **Choedon, Yeshi**, Presented a paper titled “India and United Nations Humanitarian Intervention: Policy of Prudence and Opportunity”, at SIS-ICWA dialogue 2014 on India in the Emerging Global Order: Political, Strategic and Economic Dynamics at Convention Centre, JNU, New Delhi, 10 – 12 November, 2014
- **Choedon, Yeshi**, Presented a paper titled “United Nations Military Observer Group in India and Pakistan (UNMOGIP), Policy Options for the Modi Government”, at national conference on “India’s Foreign Policy and Its Strategic Stance in Present Global Security Scenario”, organized by Centre for Policy Analysis of Patna at New Delhi, 26 October, 2014
- **Choedon, Yeshi**, Presented a paper on “India and UN peacekeeping Operations: Engagement in Africa”, at 3<sup>rd</sup> India- Africa Strategic Dialogue on the theme “India-Africa: Building Synergies in Peace, Security and Development Institute of Defence Studies and Analysis”, New Delhi, 3 – 4 March, 2015
- **Choedon, Yeshi**, Presented a paper titled “India’s Position on UN Security Council Reform since 2005: Problem and Challenges”, at a national seminar on “Foreign Policy challenges for Narendra Modi led NDA-II Government”, organized by V.K. Krishna Menon Study Centre for International Relations, University of Kerala, Thiruvananthapuram, 19 – 20 December, 2014
- **Choedon, Yeshi**, Presented a paper titled “India and United Nations Humanitarian Intervention: Policy of Prudence and Opportunity”, at SIS-ICWA dialogue 2014 on India in the Emerging Global

Order: Political, Strategic and Economic Dynamics at Convention Centre, Jawaharlal Nehru University, New Delhi, 10 – 12 November, 2014

- **Choedon, Yeshi**, Presented a paper titled “United Nations Military Observer Group in India and Pakistan (UNMOGIP), Policy Options for the Modi Government”, at national conference on India’s Foreign Policy and Its Strategic Stance in Present Global Security Scenario, organized by Centre for Policy Analysis of Patna at New Delhi, 26 October, 2014
- **Sahni, Varun**, Presentation on “Nuclear Weapons in India’s Grand Strategy”, Authors workshop on “Nuclearization of South Asia: Implications for India’s National Security”, ICSSR Nuclear Quarter Project, SIS, JNU, New Delhi, 27 March, 2015
- **Sahni, Varun**, Presentation on “Does the rise of ISIL in West Asia pose a threat to India?”, at the Young Thinkers Conference, British High Commissioner’s Residence, New Delhi, 25 March, 2015
- **Sahni, Varun**, Presentation on “Non Traditional Themes: The Evolving Concept”, Sixth Asian Relations Conference on “Non Traditional Themes in Asian Foreign Policies”, Indian Council of World Affairs (ICWA), New Delhi, 22 March, 2015
- **Sahni, Varun**, Presentation on “Deterrence Stability in Complex Systems: The India-Pakistan Case”, Session 5 on “Asymmetry, Arms Control and Deterrence Stability”, US-India Discussion on “Nuclear Evolution: Ends and Means for Nuclear Deterrence” organised by Lawrence Livermore National Laboratory (LLNL) and Forum for Strategic Initiatives (FSI), Bangkok, Thailand, 4 February, 2015
- **Sahni, Varun**, Presentation on “Technology Vision 2035: Education”, Session on “Challenges to Education in Modern India”, 102nd Indian Science Congress, 2015, Nehru Centre, Worli, Mumbai, 6 January, 2015
- **Sahni, Varun**, Presentation on “Violence and Extremism: A Regional Outlook (Asia)”, 1st International Conference on World Against Violence and Extremism (WAVE), organised by Institute for Political and International Studies (IPIS), Tehran, Iran, 10 December, 2014
- **Sahni, Varun**, Presentation on “Indian Foreign Policy in Southern Asia and Asia Pacific”, panel discussion organised by Centre for Canadian, US and Latin American Studies (CCUSLAS), SIS, JNU, New Delhi, 25 November, 2014
- **Sahni, Varun**, Presentation on “Three Ways to Juxtapose China and India”, Juxtapose 2014, organised by Queen Elizabeth House, University of Oxford and Centre for East Asian Studies, SIS, JNU, New Delhi, 25 September, 2014
- **Sahni, Varun**, Presentation on “The Current and Evolving Geostrategic Situation”, ICS-CICIR Workshop organised by China Institutes of Contemporary International Relations (CICIR) and Institute of Chinese Studies (ICS), Beijing, China, 22 April, 2014
- **Singh, Swaran**, Made a paper presentation on “Why China’s Neighbours are not alarmed by China Threat Theories?: A Buddhist Perspective”, at Chulalongkorn University, Bangkok at conference on Buddhism, 10 October, 2014
- **Singh, Swaran**, Made a presentation on “Dynamics of Strategic Stability: China, India, Pakistan”, at USI-IISS Joint workshop on “Defence, Deterrence and Strategic Stability in Southern Asia”, held jointly by International Institute of Strategic Studies and United Services Institution at New Delhi, 11 November, 2014
- **Singh, Swaran**, Presented a paper on “BCIM-Economic Corridor: Challenges and Prospects”, at an international conference on “BCIM: Sub-Regional Cooperation for Development of Peripheral Areas”, organised by Indian Council for Social Science Research-North Eastern Region, at North Eastern Hill University, Shillong (India), 27 – 28 November, 2014
- **Singh, Swaran**, Presented a paper on “Challenges of India’s China Policy in the Emerging Geopolitical Dynamics”, at a national seminar on “India’s Foreign Policy Orientations”, organised by the Department of Geopolitics, Manipal University, Manipal, (Karnataka, India) 29 – 30 January, 2015
- **Singh, Swaran**, Made a paper presentation on “Development and Democracy in Contemporary India: Transformation in Nuclear Armament and Nuclear Energy Policies”, at an international workshop on “Construction of Global Platform for Study of Sustainable Humanosphere”, organised by University of Kyoto, Kyoto, Japan, 6 – 7 February, 2015
- **Singh, Swaran**, Made a presentation on “Strategic Concerns of Major Powers in the Region: China”, at an international conference on “Arc of Peace and Prosperity in the Indo-Pacific Region”, organised by the Society for Indian Ocean Studies, and held at India International Centre, New Delhi, 14 – 15 February, 2015
- **Singh, Swaran**, Made a presentation on “India in the Evolving New World Order”, at a conference on “Indian Foreign Policy: Challenges and Opportunities”, organised by Department of Political Science, Bharati College, New Delhi, 13 March, 2015

- **Singh, Swaran**, Made a presentation on “Southern Asia's Nuclear Command and Control Structures”, at an international conference on “India and its Neighbours: Policy Priorities for the New Government”, organised by Centre for South Asian Studies, SIS, JNU, at Convention Centre, 24 – 25 March, 2015
- **Singh, Swaran**, Made a presentation on “Evolving Asian Security Architecture”, at a conference on “India in Emerging Asia”, organised by University of Pennsylvania Institute of Advanced Studies of India (UPIASI) at Mahaugini Room, India Habitat Center, New Delhi, 27 March, 2014

### **Centre for East Asian Studies**

- **Ahirwar Dinesh Kumar**, Presented paper in International Conference Topic- “Buddhist's Epistemological Transgressional Values: A New Avenue of Cooperation for India-China-Nepal”, organised by Centre for Chinese & South-East Asian Studies, Jawaharlal Nehru University (JNU) in collaboration with HNB Garhwal University (HNB) an International Conference on India-China-Nepal at JNU Convention Centre New Delhi, India. 16-17 October 2014
- **Ahirwar Dinesh Kumar**, China from October 25th to December 20th 2014 in China, on “Seminar on Chinese Translation”, organised by Beijing International Chinese College, Sponsored by Ministry of Commerce People's Republic of China.
- **Ahirwar Dinesh Kumar**, “US' Ally, China's Partner: The Axiom of South Korea's Middle Power Diplomacy, 2008-2014”, at the Annual International Studies Convention (AISC) 23 March, 2015
- **Agarwal Ritu**, Presented paper on “Ethnic Minorities, Integrative Nationalism and Higher Education in Yunnan Province”, at IIC in an international conference on “Higher Education in Transition: Perspectives from India and China”, Organized by ICS- ICSSR, 27 – 28 February, 2015
- **Choudhury Srabani Roy**, Visiting Fellow AT Research Institute for Economics and Business Administration (RIEB), Kobe University, May, 2014 – August, 2014
- **Choudhury Srabani Roy**, JNU-SPF Project Japan SAARC Partnership, August, 2013 – August, 2014
- **Malik Chitta Ranjan**, “Japan' ODA to India for Elimination of HIV/AIDS”, at international conference on Youth, Gender & HIV (ICYGH 2014), Lucknow, India, organized by Amity University, Lucknow, India, 12 – 13 August, 2014
- **Malik Chitta Ranjan**, “India, China and Japan: A Strategic Triangle of Asia”, at an international conference on An Alternative Globalization from the South: Dynamics of International Business and Finance in Emerging Economies, New Delhi, India, organized by Centre for Management Studies, Jamia Millia Islamia, New Delhi, India, 19 – 20 September, 2014
- **Malik Chitta Ranjan**, “Ethic in Social Research”, at Second International Convention on Ethics in Research on “Human Participants”, New Delhi, India, organized by Institutional Ethics Review Board, Jawaharlal Nehru University, New Delhi, India, 2 – 4 September, 2014
- **Singh Abhishek Pratap**, Paper presented on “Challenges to Rule of law: China and India”, in “Exploring New Rising Powers: First India-Taiwan Students Conference on India and China”, organized by JNU, ICSSR, National Chung Hsing University, Taiwan and Tsing Hua University, Taiwan at Convention Centre, Jawaharlal Nehru University, New Delhi from 21 to 22 January, 2014.
- **Singh Abhishek Pratap**, Paper presented on “Electoral Malpractices in India: Challenges Involved and Options Ahead”, in Indian Council of Social Science Research (ICSSR) sponsored national seminar on “The Impact of Politico-Governmental Changes on the Administrative System: Expectations and Challenges in Present Perspectives”, organised by Jai Narayan Vyas (JNV) University, Jodhpur, 6 – 7 December, 2014
- **Singh Abhishek Pratap**, Paper presented on “Socio-economic Integration of Dalits in India: A Study of Post Economic Reform Era”, in national seminar on “New Dalit Agenda for 21st Century”, at Indian Institute of Public Administration (IIPA), New Delhi co-organized by Indus Research Centre, New Delhi and Dr. Ambedkar Chair IIPA, New Delhi, 11 – 12 April, 2015
- **Uttam Jitendra**, Paper titled: “Korean Model of Catch-up Industrialization: Assessment of its Transferability to India”, presented at ICWA-IFANS Dialogue, in Seoul, Korea, 17 November, 2014
- **Uttam Jitendra**, Series of 8 Lectures on Korea, consists of: 1). Economics of Social Regulations in Korea; 2) Social Values, Norms and Institutions in Korea; 3) Political Economy of Korea; 4) Economic and Industrial Development in Korea; 5) India-Korea Trade and Business Cooperation; 6) Techno-economic of innovation in Korea; 7) Business Negotiations Practice in Korea; 8) Entrepreneurial Culture in Korea, were delivered at Indian Institute of Management, Bangalore, 7 – 8 August, 2014

- **Uttam Jitendra**, Paper titled, “Globalization, Income Inequality, and Disadvantaged Groups”, presented at a national seminar on “Globalization & Disadvantaged Groups: Locating Untouchability in India”, organized by DRS-I, Department of Sociology, AMU, Aligarh (UP), 26 February, 2015
- **Uttam Jitendra**, Lecture, “Changing World Political Economy”, at 3<sup>rd</sup> Refresher Course in Global Studies at Academic Staff College, JNU, 28 January, 2015

### ***Centre for International Politics, Organization and Disarmament***

- **Murthy, C.S.R.** (with others), “Effective and Responsible Protection from Atrocity Crimes: Toward Global Action”, Berlin, Global Public Policy Institute Policy Paper, 2015
- **Sahni, Varun**, “Understanding Democracy and Diversity in J&K”, IPCS Article 4745, Institute of Peace and Conflict Studies, New Delhi, 18 November, 2014
- **Sahni, Varun**, “When Xi Met Modi: Juxtaposing China and India”, IPCS Article 4707, Institute of Peace and Conflict Studies, New Delhi, 21 October, 2014
- **Sahni, Varun**, “Pakistan’s Tactical Nuclear Weapons: The Inevitability of Instability”, IPCS Article 4670, Institute of Peace and Conflict Studies, New Delhi, 22 September, 2014
- **Sahni, Varun**, “Indian perspectives on the Ukrainian crisis and Russia’s annexation of Crimea”, Policy Brief, Norwegian Peacebuilding Resource Centre, Oslo, June, 2014
- **Singh, Swaran**, “China and India: Coping with Growing Asymmetry”, in The Asian Forum (online Journal), November – December, 2014, Vol. 2, No. 6. pp. 1-9.

### ***Centre for East Asian Studies***

- **Kondapalli Srikanth**, “Silk Road Economic Belt and India China Relations”, Paper presented at People’s University, Beijing, 27 – 28 June, 2014
- **Kondapalli Srikanth**, “India-China Interactions with Southeast Asia: Cooperation and Competition”, Paper presented at Birmingham University, 10 July, 2014
- **Kondapalli Srikanth**, “China’s Maritime Strategy in Asia-Pacific: A View from India”, Paper presented at Asian Naval Warfare Conference, Kuala Lumpur, Malaysia, 8 – 9 September, 2014
- **Kondapalli Srikanth**, “East Asian Developments and Policy Options of India”, at a joint seminar of ICWA and China Peoples International Friendly Association, Sapru House, 10 October, 2014
- **Kondapalli Srikanth**, “China in the Indian Ocean Region”, Centre for Indian Ocean Studies, Hyderabad, 13 November, 2014
- **Kondapalli Srikanth**, “India-China Coordination in Counter-terrorism- the post ISAF Afghanistan”, Shanghai Institute of International Studies, 31 October, 2014
- **Kondapalli Srikanth**, “China’s Nuclear Strategy and India”, Paris, 8 December, 2014
- **Kondapalli Srikanth**, “China’s Silk Road: A New Marshal Plan for Asia?”, Paper presented at Quanzhou, China organised by Fujian Academy of Social Sciences, 22 – 12 February, 2015
- **Kondapalli Srikanth**, “China’s Role in the Indian Neighbourhood”, Paper presented at JNU organized by Centre for South Asian Studies, SIS, JNU, 24 March, 2015
- **Kondapalli Srikanth**, “China’s Perceptions of India- Interdependence or Conflict?”, India Habitat Centre, 27 March, 2015

### ***Centre for International Trade and Development***

- **Yuko Nikaido**, Jesim Pais and Mandira Sarm, “What hinders and what enhances small enterprises’ access to formal credit in India?,” Musashi University Discussion Paper Series No.77, December/January, 2015

### ***Centre for African Studies***

- **Malakar S.N.**, Paper presented in “Indians in Madagascar”, an international seminar on the main theme Indian Diaspora in Development and Home Countries: A comparative Perspective Organised by organisation for Diaspora Initiatives (ODI) and Kadi Sarva Vishwavidyalaya, Gandhinagar, Gujarat at Kadi Sarva Vishwavidyalaya, Gandhinagar, Gujarat, 10 – 11 January, 2015

- **Malakar S.N.**, Participated in the Annual International Studies Convention 2015 on Power, Resistance and Justice in the International System: Perspectives from the South chaired a session on "Indian Diaspora in Africa and Achievements"
- **Malakar S.N.**, An article in Hindi on "Bharat Mein Rajnitik Prakriya Aur Vikalp ki Jatiltayen", in weekly Jansakti, 15 August special issue 2014, Jansakti Press. Patna.
- **Malakar S.N.**, Chaired a session on Political Economy of Cross-Class Alliances in India organised by Centre for Informal Sector and Labour Studies, JNU New Delhi and Josef Korbel School of International Studies, University of Denver, Denver, Convention Hall JNU, 4 – 5 March, 2015
- **Malakar S.N.**, Paper presented in international seminar on "Indo- Nepal Relations: Retrospect & Prospect", organised by Department of History, Lalit Narayan Mithila University, Kameshwarnagar, Darbhanga (Bihar), 22 – 23 November, 2015
- **Malakar S.N.**, Panelist on the seminar "Same – Same but Different? India- Africa Relations and Chinese Involvement in the Continent", organised by the UGC Centre for African Studies, SIS, JNU, 21 October, 2014
- **Malakar S.N.**, Paper presented on "Indo- Seychelles Relations", on international overseas seminar on "India and Africa: Development Experiences and Bilateral Relations", organised by Wolkite University, SNNIR, Ethiopia ASA (India) and at Wolkite University, 8 – 9 December, 2014

## Media Articles/ Newspapers/ Discussions

### *Centre for Comparative Politics and Political Theory*

- **Chenoy, Kamal Mitra**, "Students as Scapegoats", Daily News Analysis (DNA), 27 June, 2014, available at: <http://www.dnaindia.com/analysis/column-students-as-scapegoats-1998037>.
- **Chenoy, Kamal Mitra**, "The Importance of AAP", Hindustan Times, 5 March, 2015
- **Chenoy, Kamal Mitra**, "Indian Railways: Snake Charmer's Budget", The Citizen, 1 March, 2015, available at, <http://www.thecitizen.in/NewsDetail.aspx?Id=2738>.
- **Menon, Nivedita**, "Indian Feminists, 'India's Daughter', and Sexual Violence: The Issues at Stake", Kafila.org, 8 March, 2015, Available at: <http://kafila.org/2015/03/08/indian-feminists-indias-daughter-and-sexual-violence-the-issues-at-stake/>.
- **Menon, Nivedita**, "The 'New and Improved' Love Jihad Formula", Outlook, 28 October, 2014, Available at: <http://www.outlookindia.com/article/the-new-and-improved-love-jihad-formula/292405>.
- **Menon, Nivedita**, "Jihad against Love", Outlook, 14 October, 2014, Available at: <http://www.outlookindia.com/article/jihad-against-love/292245>.
- **Menon, Nivedita**, "When are Foreign Funds Okay?: A Guide for the Perplexed", Outlook, 13 June, 2014, Available at: <http://www.outlookindia.com/article/when-are-foreign-funds-okay-/291077>.
- **Menon, Nivedita**, "Two Days with AAP in Banaras", Outlook, 7 May, 2014, Available at: <http://www.outlookindia.com/article/two-days-with-aap-in-banaras/290654>.

### *Centre for European Studies*

- **Jain, Rajendra K.**, "India and Europe", Doordarshan Urdu, October 2014
- **Jain, Rajendra K.**, Panel discussion "Europe: Metamorphoses – Diplomacy, Soft Power: a power projection," France Culture, 6 November 2014, 11 a.m., see <http://www.franceculture.fr/emission-culturesmonde-europe-les-metamorphoses-44-diplomatie-soft-power-une-puissance-de-projection>
- **Sachdeva, Gulshan**, "In Economic Terms the EU Should Matter More", The Hindustan Times, 27 October, 2014
- **Sachdeva, Gulshan**, "Fall of the Berlin Wall: Marking 25 years", IDSA Comments, 10 November, 2014
- **Sachdeva, Gulshan**, "Azië Heeft Een Eigen NAVO Nodig", Interview published in Knack (Belgium), 14 November, 2014
- **Sachdeva, Gulshan**, "Vladimir Putin's Visit Can Oil India-Russia Ties" The Hindustan Times, 28 November, 2014
- **Sachdeva, Gulshan**, "Machtscoalities van de Toekomst Zijn Vloeibaar" Interview published in MO magazine (Belgium), 6 December, 2014
- **Sachdeva, Gulshan**, India-Afghanistan Relations, BBC Hindi, 4 April, 2014
- **Sachdeva, Gulshan**, Mudda- Degeneration of election campaign in India, Dainik Jagran, 20 April, 2014

- **Sachdeva, Gulshan**, Afghan Presidential Elections, Desh Deshantar, Rajya Sabha TV, 9 July, 2014
- **Sachdeva, Gulshan**, "Shooting down of Malaysia Airlines MH17", News24 TV Channel/ All India Radio, 18 July, 2014
- **Sachdeva, Gulshan**, "Ukraine Crisis" SBS Australia Hindi Service, 24 July, 2014
- **Sachdeva, Gulshan**, "Prabhatav ke Jatan Mein Putin", Rajasthan Patrika, 27 July, 2014
- **Sachdeva, Gulshan**, "Current Developments in Afghanistan", Wide Angle, DD News, 30 August, 2014
- **Sachdeva, Gulshan**, "Developments in Ukraine", SBS Radio Australia, 8 September, 2014
- **Sachdeva, Gulshan**, "Referendum in Scotland", Public Forum, Lok Sabha TV, 13 September, 2014
- **Sachdeva, Gulshan**, "Referendum in Scotland", Desh Deshantar, Rajya Sabha TV, 15 September, 2014
- **Sachdeva, Gulshan**, "Referendum in Scotland", Headlines Toady TV, 19 September, 2014
- **Sachdeva, Gulshan**, "25 Years after the fall of Berlin Wall", All India Radio External Service, 9 November, 2014
- **Sachdeva, Gulshan**, The Big Question: The Afghan Power Sharing Deal, Rajya Sabha TV, September, 2014
- **Sachdeva, Gulshan**, Fall of the Berlin Wall: Marking 25 years, IDSA Comments, 10 November, 2014
- **Sachdeva, Gulshan**, "Putin's India Visit", The Indian Interest, CNBC Awaaz TV, December, 2014
- **Sachdeva, Gulshan**, "End of NATO Engagement in Afghanistan", SBS Radio Australia, Hindi Service, 30 December, 2014.
- **Sachdeva, Gulshan**, "Slump in Oil Prices", discussion Prime Focus, Focus News 11 January, 2015
- **Sachdeva, Gulshan**, "Europe in Turmoil: Can it Tackle Intolerance", in programme "The Big Picture", on Rajya Sabha TV, 12 January, 2015
- **Sachdeva, Gulshan**, India-US: Heart to Heart, discussion on President Obama's India visit, Lok Sabha TV, 28 January, 2015
- **Sachdeva, Gulshan**, Takeaways from Obama Visit, The Big Picture, Rajya Sabha TV, 27 January, 2015
- **Sachdeva, Gulshan**, Obama Visit Indo-US Nuclear Deal, The Big Picture, Rajya Sabha TV, 26 January, 2015
- **Sachdeva, Gulshan**, Sarokaar - Barack Obama's visit to India: Dimensions of the new chapter of bilateral relationship, Rajya Sabha TV, 25 January, 2015
- **Sharma, Sheetal**, Indo-German Relations, News at 9 pm, Discussant, Rajya Sabha TV, 13 April, 2015
- **Sharma, Sheetal**, India – France Relations and Modi's visit, News at 8, Discussant, Rajya Sabha TV, 9 April, 2015
- **Sharma, Sheetal**, PM Modi's Three Nation Tour, France, Germany, Canada, Discussant, Focus News, 2 April, 2015
- **Sharma, Sheetal**, PM Modi's visit to Island Nations, Discussant, Focus News, 11 March, 2015
- **Sharma, Sheetal**, Indo-US Joint Summit, Discussant on Live coverage, Rajya Sabha TV, 26 January, 2015
- **Sharma, Sheetal**, Obama ki Bharat Yatra, Focus News, 25 January, 2015
- **Sharma, Sheetal**, Obama in India, Discussant on Live coverage, Rajya Sabha TV, 25 January, 2015
- **Sharma, Sheetal**, Curtain Raiser, Obama's Visit to India, Focus News, 23 January, 2015
- **Sharma, Sheetal**, State of the Union Address by Obama, Focus TV, 21 January, 2015
- **Sharma, Sheetal**, John Kerry's visit to India, News Discussion, Rajya Sabha TV, 14 January, 2015
- **Sharma, Sheetal**, Putin in India, News Discussion, Focus News, 10 December, 2014
- **Sharma, Sheetal**, The 18th SAARC Summit: The agenda and future course, Desh Deshantar, Rajya Sabha TV, 25 November, 2014
- **Sharma, Sheetal**, SAARC aur bharat ke apekshayein, Focus TV, 24 November, 2014
- **Sharma, Sheetal**, Prime Minister Modi meets Obama, Focus News, 30 September, 2014
- **Sharma, Sheetal**, Prime Minister Narendra Modi in America, Focus News, 27 September, 2014
- **Sharma, Sheetal**, Media coverage of Chinese President's visit to India, Media Manthan, Rajya Sabha TV, 20 September, 2014
- **Sharma, Sheetal**, Prime Minister Narendra Modi's meeting with Chinese President Xi Jinping, Focus TV, 18 September, 2014
- **Sharma, Sheetal**, Scotland's Independence and Future, Focus TV, 17 September, 2014
- **Sharma, Sheetal**, Prime Minister Narendra Modi's visit to Japan, Focus TV, 1 September, 2014
- **Sharma, Sheetal**, Prime Minister Narendra Modi's visit to Bhutan, Focus TV, 14 June, 2014

- **Sharma, Sheetal**, Ukraine in a Swirl: Cold war 2.0?, Big Picture, Rajya Sabha TV, 5 June, 2014
- **Sharma, Sheetal**, Namonawaz, Nawaz Sharif's visit, Charcha, Focus TV, 27 May, 2014

### **Centre for Inner Asian Studies**

- **Debata, Mahesh Ranjan**, Chaired a session on the theme "Identity, Nationhood and Transnationalism: Studies from South Asia", at the Annual International Studies Convention, 2015 at SIS-II, 22 – 23 March, 2015
- **Debata, Mahesh Ranjan**, Co-Convener, Finance Committee, Annual International Studies Convention (AISC), 2015 at JNU Convention Centre, 22 – 23 March, 2015
- **Debata, Mahesh Ranjan**, Resource Person in an international seminar on "Development and Modernization: Inclusion and Exclusion", organized by DAV College for Girls, Yamuna Nagar, Haryana, 7 – 8 February, 2015
- **Debata, Mahesh Ranjan**, Member, Election Commission, 2014-15 to conduct the election of teacher representatives of JNU Executive Council and GSCASH.
- **Debata, Mahesh Ranjan**, Member, Core Committee, SIS-ICWA Dialogue, 2014 at JNU Convention Centre, JNU, 10 – 12 November, 2014
- **Dutta, Mondira**, Interviewed by Doordarshan, (a programme of about 20 minutes focuses on the achievements, experiences & struggles of woman achievers), Doordarshan Bhawan, New Delhi, 6 May, 2014
- **Dutta, Mondira**, Panelist for US Afghan Panel Discussion and a film show on Afghan History - A Portrayal, US Embassy, New Delhi, 25 April, 2014
- **Dutta, Mondira**, Impact of Small Development Projects and Capacity Building Measures in Afghanistan: Lessons Learned, at the Agenda for Social Science Research in Afghanistan Studies Centre, Jamia Millia Islamia, 24 April, 2014
- **Dutta, Mondira**, Gender and International Relations: A Situational Analysis of Central Asia, 2<sup>nd</sup> Refresher Course in Global Studies, Academic Staff College (ASC), JNU, 17 April, 2014
- **Mishra, Mukesh Kumar**, Member, organizing Committee, Annual International Studies Convention 2015 on "Power, Resistance and Justice in the International System: Perspectives from the South", JNU, New Delhi, 22 – 23 March, 2015
- **Soni, Sharad K.**, Member, Organizing Committee, Annual International Studies Convention 2015 on "Power, Resistance and Justice in the International System: Perspectives from the South", JNU, New Delhi, 22 – 23 March, 2015
- **Soni, Sharad K.**, Member, Core Committee, SIS-ICWA Dialogue, 2014 at JNU Convention Centre, JNU, 10 – 12 November, 2014
- **Thapliyal, Sangeeta**, Commentator on Manekshaw Paper on "Yam and its Boulders: Assessing the Role of India and China in Nepal", Centre for Land Warfare Studies, March, 2015
- **Thapliyal, Sangeeta**, Field Trip to Nepal to study "India's Relations with Nepal in the New Asian Order", December, 2014
- **Thapliyal, Sangeeta**, India Representative and Advisory Committee Member in a project on "Exchange of Academic ideas between India and Nepal", Matin Chautari and B. P. Koirala India Nepal Foundation, Indian Embassy, Kathmandu, November, 2014
- **Thapliyal, Sangeeta**, Field Trip to Bhutan for a study on "India's Relations with Bhutan in the New Asian Order", July, 2014
- **Thapliyal, Sangeeta**, Led Women's delegation to discuss "Role of Women in Peace Building", with participants from Afghanistan and Pakistan, Paiman Trust, April, 2014

### **Centre for Indo-Pacific Studies**

- **Naidu G V C**, Paschim se jyadapoorv par nazar, NaiDunia, 7 June, 2014
- **Naidu G V C**, Remove the blinkers: India-China Relations, Deccan Herald, 24 September, 2014

### **Centre for Russian & Central Asian Studies**

- **Chenoy, Anuradha**, "Aid Ties to Bind Third World", New Indian Express, 30 March, 2015, Available at: <http://www.newindianexpress.com/columns/Aid-Ties-to-Bind-third-World/2015/03/30/article2736834.ece>.

- **Chenoy, Anuradha**, “Minority Stake in Foreign Policy”, New Indian Express, 28 February, 2015, available at: <http://www.newindianexpress.com/columns/Minority-Stake-in-Foreign-Policy/2015/02/28/article2690135.ece>.
- **Chenoy, Anuradha**, “Pitch for Peace in Sri Lanka”, New Indian Express, 13 February, 2015, Available at: <http://www.newindianexpress.com/columns/Pitch-for-Peace-in-Sri-Lanka/2015/02/13/article2665568.ece>.
- **Chenoy, Anuradha**, “Act as Pivot for US, Russia”, New Indian Express, 25 December, 2014, Available at: <http://www.newindianexpress.com/columns/Act-as-Pivot-for-US-Russia/2014/12/25/article2586896.ece>.
- **Chenoy, Anuradha**, “Oil Politics on a Slippery Slope”, New Indian Express, 5 December, 2014, Available at: <http://www.newindianexpress.com/columns/Oil-Politics-on-a-Slippery-Slope/2014/12/05/article2555219.ece>.
- **Chenoy, Anuradha**, “Engage with Multiple Axes”, New Indian Express, 19 November, 2014, Available at: <http://www.newindianexpress.com/columns/Engage-with-Multiple-Axes/2014/11/19/article2529884.ece>.
- **Chenoy, Anuradha**, “Revitalise Ocean Rim Union”, New Indian Express, 30 October, 2014, Available at: <http://www.newindianexpress.com/columns/Revitalise-Ocean-Rim-Union/2014/10/30/article2499046.ece>.
- **Chenoy, Anuradha**, “America’s Militarist Designs”, New Indian Express, 10 October, 2014, Available at: <http://www.newindianexpress.com/columns/America%E2%80%99s-Militarist-Designs/2014/10/10/article2469728.ece>.
- **Chenoy, Anuradha**, “Break EU-Russia Deadlock”, New Indian Express, 4 August, 2014, Available at: <http://www.newindianexpress.com/columns/Break-EU-Russia-Deadlock/2014/08/04/article2362983.ece>.
- **Chenoy, Anuradha**, “Oppose Israeli Terror in Gaza”, New Indian Express, 21 July, 2014, Available at: <http://www.newindianexpress.com/columns/Oppose-Israeli-Terror-in-Gaza/2014/07/21/article2340498.ece>.
- **Chenoy, Anuradha**, “A BRICS Wall Facing West”, New Indian Express, 4 July, 2014, Available at: <http://www.newindianexpress.com/columns/A-BRICS-Wall-Facing-West/2014/07/04/article2312899.ece>.
- **Chenoy, Anuradha**, “Iraq’s Collapse Shows the US Military’s Failure to Bring Peace or Democracy in this Region”, DNA, 17 June, 2014, Available at: <http://www.dnaindia.com/analysis/column-iraq-s-collapse-shows-the-us-military-s-failure-to-bring-peace-or-democracy-in-this-region-1995963>.
- **Chenoy, Anuradha**, “Open Door to Weak Nationalism”, New Indian Express, 2 June, 2014, Available at: <http://www.newindianexpress.com/columns/Open-Door-to-Weak-Nationalism/2014/06/02/article2257688.ece>.
- **Chenoy, Anuradha**, “Push for Peace in Ukraine”, New Indian Express, 14 May, 2014, Available at: <http://www.newindianexpress.com/columns/Push-for-Peace-in-Ukraine/2014/05/14/article2223174.ece>.
- **Chenoy, Anuradha**, “Guide Poll-bound Afghanistan”, New Indian Express, 26 April, 2014, Available at: <http://www.newindianexpress.com/columns/Guide-Poll-bound-Afghanistan/2014/04/26/article2189257.ece>
- **Kumar, Rajan** , Regular Commentator on News Channels such as India TV, News 24, Lok Sabha TV, Rajya Sabha TV, Headlines Today, India News, DD Urdu, Radio French International, Sahara Samay, and Australian Radio. Several Newspaper articles on various issues in Business Standard and Hindustan.
- **Patnaik, Ajay**, “Istanbul: The Western End of Eurasia”, Bargad.org, Available at: <http://bargad.org/2015/03/01/istanbul-the-western-end-of-eurasia/>.

### ***Centre for International Politics, Organization and Disarmament***

- **Meena, Krishnendra**, “The BRICS Bank: Representing the Rest”, Fa Zi Wan Bao (Mirror Evening), Beijing, 11 July, 2014
- **Meena, Krishnendra**, “Growing Clout of the BRICS”, Fa Zi Wan Bao (Mirror Evening), Beijing, 16 July, 2014
- **Meena, Krishnendra**, “Commentary on Chinese President Xi Jinping’s Visit to India”, Fa Zi Wan Bao (Mirror Evening), Beijing, 16 September, 2014

- **Meena, Krishnendra**, “Modi’s UN speech shows his foreign policy will walk a well-worn path”, East Asia Forum, Crawford School of Public Policy and Australian National University, Melbourne, 18 October, 2014
- **Meena, Krishnendra**, Participated in a television discussion on “India-Pakistan Relations in the wake of BJP’s Victory in Lok Sabha Elections 2014”, Doordarshan Urdu, 6 June, 2014
- **Rajagopalan, Rajesh**, “The AamAadmi Party and Indian Politics: Winners and Losers”, RPI Blog, 27 February, 2015 at <http://www.risingpowersinitiative.org/rpi-author-rajesh-rajagopalan-the-aam-aadmi-party-and-indian-politics-winners-and-losers/>
- **Rajagopalan, Rajesh**, “Obama in India: Both countries should focus on areas of mutual interests,” Economic Times, 26 January, 2015
- **Rajagopalan, Rajesh**, “The Year Ends but the Chaos May Just be Beginning”, ORF Analysis, December 31, 2014, at <http://www.orfonline.org/cms/sites/orfonline/modules/analysis/AnalysisDetail.html?cmaid=76810&mmacmaid=76811>
- **Rajagopalan, Rajesh**, “India-Pakistan Border Skirmish: India Needs to be Firm and Careful in its Response”, Economic Times, 15 October, 2014
- **Rajagopalan, Rajesh**, “India Needs to Deftly Deal with Multiple Strategic Partners, and with China”, Economic Times, 18 September, 2014
- **Rajagopalan, Rajesh**, “Sino-Russian Bonhomie Brewing: India Should be Wary”, Economic Times, 22 July, 2014
- **Rajagopalan, Rajesh**, “India, Israel and the Gaza War,” ORF Analysis, 17 July, 2014, at <http://orfonline.org/cms/sites/orfonline/modules/analysis/AnalysisDetail.html?cmaid=69377&mmacmaid=69378>
- **Rajagopalan, Rajesh**, “World War from Asia?” Economic Times, 30 June, 2014
- **Rajagopalan, Rajesh**, “With Modi’s Stress on Foreign Policy, Task Cut Out for External Affairs Minister”, Economic Times, 27 May, 2014
- **Rajagopalan, Rajesh**, “Modi Must Drive Foreign Policy Back to the Path of Realism”, Economic Times, 26 May, 2014
- **Rajagopalan, Rajesh**, (with Aaron Karp), “Defence Modernization: A Revolution in Indian Defence Procurement”, Economic Times, 22 April, 2014
- **Rajagopalan, Rajesh**, “Afghan Polls Hold Hope”, Economic Times, 8 April, 2014
- **Rajagopalan, Rajesh**, “Crimea Tilts Power Equations”, Economic Times, 25 March, 2014
- **Sahni, Varun**, “Niyantaran Rekha ke Paar Pakistani Ghuspaith”, (“Pakistani Incursions across the LoC”), Focus, Doordarshan News, New Delhi, 14 October, 2014.
- **Sahni, Varun**, “Bharat-Pakistan Sambandh: Aage ki Raah”, (“India-Pakistan Relations: The Path Forward”), charcha mei (In Conversation), Doordarshan, New Delhi, 22 August, 2014
- **Sahni, Varun**, “Narendra Modi or Nawaz Sharif ki Baatchit” (“Conversation between Narendra Modi and Nawaz Sharif”), Focus News, New Delhi, 27 May, 2014
- **Singh, Swaran**, “Fighting an invisible and incorrigible enemy”, in The Hindu (New Delhi), 1 April, 2014
- **Singh, Swaran**, (斯瓦兰·辛格), 名副其实的印度“大”选 (India’s truly biggest election ever) in 东方早报 (Oriental Morning Post), 上海 (Shanghai), 3 April, 2014
- **Singh, Swaran** (斯瓦兰·辛格), 来之不易的海外印度人投票权 (India’s Elections: Voting rights for Overseas Indians) in 东方早报 (Oriental Morning Post), 上海 (Shanghai), 8 April, 2014
- **Singh, Swaran**, “Overseas donations playing critical role in Indian general elections”, in Global Times (Beijing), 10 April, 2014
- **Singh, Swaran**, “Timing knocks hopes for Obama’s Asia trip Off-balance”, in Global Times (Beijing), 4 May, 2014
- **Singh, Swaran**, (斯瓦兰·辛格), 莫迪的对华政策：奉行经济优先原则 (Modi’s China Policy: To pursue economic priorities) in 东方早报 (Oriental Morning Post), 上海 (Shanghai), 16 May, 2014
- **Singh, Swaran**, “China’s platform for ‘Asian Century’” in China Daily (Beijing), 21 May, 2014
- **Singh, Swaran**, “Slow but steady approach yields fruit”, (on 6th BRICS Summit) in China Daily (Beijing), 14 July, 2014
- **Singh, Swaran**, “Beware of damage from nepotism”, [on China’s investigation of Zhou Yongkan] China Daily (Beijing), 1 August, 2014
- **Singh, Swaran**, Wrote a 'Rejoinder' to Daniel Twining's article “India's New Leadership and East Asia”, at The Asan Forum, July – August, 2014

- **Singh, Swaran**, "Modi's Japan visit a tale of promises", in China Daily (Beijing), 4 September, 2014
- **Singh, Swaran**, "A Strategic Partner in-the-making", (India-Australia Nuclear Deal) 10 September, 2014 at Gateway House (Mumbai) at <http://www.gatewayhouse.in/from-outlier-to-strategic-partn.../>
- **Singh, Swaran** (斯瓦兰·辛格), "习近平南亚之行的变数" (President Xi's South Asia trip), in 东方早报 (Oriental Morning Post), 上海 (Shanghai), 10 September, 2014
- **Singh, Swaran** (斯瓦兰·辛格), "印度希望从习近平访问中获得什么来自澎湃新闻新闻" (India hopes to get anything from surging news from Xi Jinping visit) in 东方早报 (Oriental Morning Post), 上海 (Shanghai), 17 September, 2014
- **Singh, Swaran**, "Summit enhances ties between Asian giants", in Global Times (Beijing) 27 September, 2014
- **Singh, Swaran**, "Itihaas mein hai is vivad ki jadein", (causes of controversy lie in history) [on Hongkong Protests], Rajasthan Patrika (Jaipur), 2 October, 2014
- **Singh, Swaran**, "Kerry's Indians Odyssey Points to US Plans", in Global Times (Beijing), 15 January, 2015

### **Centre for South Asian Studies**

- **Batra, Amita**, Regional Economy: A monthly column for the Institute of Peace and Conflict Studies (IPCS); available at <http://www.ipcs.org/columnist/amita-batra/>

### **Centre for East Asian Studies**

- **Agarwal Ritu**, Content Writer for Chinese Language Course on Newspaper Reading ( 报刊 ) in a National Project on e-page pathshala approved by U.G.C. and M.H.R.D. 2014-15.
- **Kondapalli Srikanth**, "6 reasons why Modi needs to put China first", 16 May, 2014 Rediff.com at <http://www.rediff.com/news/column/ls-election-6-reasons-why-modi-needs-to-put-china-first/20140516.htm>
- **Kondapalli Srikanth**, "How the new government should deal with China", Rediff.com 6 June, 2014 at <http://www.rediff.com/news/column/how-the-new-government-should-deal-with-china/20140606.htm>
- **Kondapalli Srikanth**, "India-China Bilateral under Narendra Modi", IPCS #4502, 10 June, 2014 at <http://www.ipcs.org/article/india/india-china-bilateral-under-narendra-modi-4502.html>
- **Kondapalli Srikanth**, "Wang Yi's Delhi Visit: Why China is Courting Modi", India Writes 16 June, 2014 at <http://www.indiawrites.org/diplomacy/wang-yis-delhi-visit-why-china-is-courting-modi/>.
- **Kondapalli Srikanth**, "Economic Woes dominate the BRICS meeting", Live Mint, 17 July, 2014 at <http://www.livemint.com/Opinion/TYiZRfXFHQbywOZrhCsRUP/Economic-woes-dominate-Brics-meet.html>
- **Kondapalli Srikanth**, "Did India gain anything from Modi-Xi meeting?", Rediff.com 18 July, 2014 at <http://www.rediff.com/news/column/did-india-gain-anything-from-modi-xi-meeting/20140718.htm>
- **Kondapalli Srikanth**, "Dawn of a New Era in India-Japan Relations", Rediff.com 1 September, 2014 at <http://www.rediff.com/news/column/dawn-of-a-new-era-in-india-japan-relations/20140901.htm>
- **Kondapalli Srikanth**, "Five issues that will top Xi's agenda", Rediff.com 16 September, 2014 at <http://www.rediff.com/news/column/five-issues-that-will-top-xis-agenda/20140916.htm>.
- **Kondapalli Srikanth**, "Five big takeaways from Xi Jinping's visit to India", The Economic Times, 19 September, 2014 at <http://economictimes.indiatimes.com/opinion/comments-analysis/five-big-takeaways-from-xi-jinpings-visit-to-india/articleshow/42845713.cms>.
- **Kondapalli Srikanth**, "Narendra Modi and Xi Jinping: Building a Closer Developmental", IPCS, 22 September, 2014 at <http://www.ipcs.org/article/china/narendra-modi-and-xi-jinping-building-a-closer-developmental-partnership-4669.html>.
- **Kondapalli Srikanth**, "Why India should not be worried with Xi Jinping's comment over combat readiness", The Economic Times 24 September, 2014 at <http://economictimes.indiatimes.com/opinion/comments-analysis/why-india-should-not-be-worried-with-xi-jinpings-comment-over-combat-readiness/articleshow/43281053.cms>.
- **Kondapalli Srikanth**, "Modi Visit to Tokyo under the Dragon's Shadow", Defence & Security Alert, October, 2014 pp. 80-81 at [http://www.dsalert.co.in/files/October\\_2014\\_Prof\\_Srikanth\\_Kondapalli.pdf](http://www.dsalert.co.in/files/October_2014_Prof_Srikanth_Kondapalli.pdf).

- **Kondapalli Srikanth**, “China-Japan Relations: Will the Twain Shall Never Meet?”, IPCS, 20 October, 2014 at <http://www.ipcs.org/article/china/china-japan-relations-will-the-twain-never-meet-4703.html>.
- **Kondapalli Srikanth**, “Does China's nuclear power pose a threat to India?”, Rediff.com 21 October, 2014 at <http://www.rediff.com/news/column/does-chinas-nuclear-power-pose-a-threat-to-india/20141021.htm>.
- **Kondapalli Srikanth**, “Maritime Silk Road: Increasing Chinese Inroads into the Maldives”, IPCS, 13 November, 2014 at < <http://www.ipcs.org/article/china/maritime-silk-road-increasing-chinese-inroads-into-the-maldives-4735.html>>.
- **Kondapalli Srikanth**, “SAARC Summit: China’s role will be keenly watched by the South Asian countries”, The Economic Times, 26 November, 2014 at <http://blogs.economictimes.indiatimes.com/et-commentary/saarc-summit-chinas-role-will-be-keenly-watched-by-the-south-asian-countries/>.
- **Kondapalli Srikanth**, “The China factor in Obama’s visit”, Rediff.com 20 January, 2015 at <http://www.rediff.com/news/column/obama-india-the-china-factor-in-obamas-visit-to-new-delhi/20150120.htm>.
- **Kondapalli Srikanth**, “Strategic Vision - Taking India to the East”, Rediff.com 3 February, 2015 at <<http://www.rediff.com/news/column/obama-india-strategic-vision-taking-india-to-the-east/20150203.htm>>.
- **Kondapalli Srikanth**, “In China visit, Modi should look for outcomes beyond diplomatic cliches”, The Times of India 3 February, 2015 at [http://blogs.timesofindia.indiatimes.com/toi-edit-page/in-china-visit-modi-should-look-for-outcomes-beyond-diplomatic-cliches/?utm\\_source=TOInewHP\\_TILwidget&utm\\_campaign=TOInewHP&utm\\_medium=Widget\\_Stry](http://blogs.timesofindia.indiatimes.com/toi-edit-page/in-china-visit-modi-should-look-for-outcomes-beyond-diplomatic-cliches/?utm_source=TOInewHP_TILwidget&utm_campaign=TOInewHP&utm_medium=Widget_Stry).
- **Kondapalli Srikanth**, “Visions of the Maritime Silk Road”, Beijing Review, 2 February, 2015 NO. 6 at <[http://www.bjreview.com.cn/.../2015-02/02/content\\_666789.htm](http://www.bjreview.com.cn/.../2015-02/02/content_666789.htm)>.
- **Kondapalli Srikanth**, “China's mandarins get candid about problems ahead”, Rediff.com 19 March, 2015 at <http://www.rediff.com/news/column/chinas-mandarins-get-candid-about-problems-ahead/20150319.htm>.
- **Kondapalli Srikanth**, “What China's hiked defence spending means for India”, Rediff.com 23 March, 2015 at <http://www.rediff.com/news/column/what-chinas-hiked-defence-spending-means-for-india/20150323.htm>.
- **Kondapalli Srikanth**, “India’s Response- Is China shifting goalposts on the boundary?”, India Writes, 23 March, 2015 at <http://www.indiawrites.org/diplomacy/indias-response-is-china-shifting-goalposts-on-boundary/>.
- **Kondapalli Srikanth**, “China’s regional power shift: Silk Road and Asian Infrastructure Investment Bank”, Economic Times, 31 March, 2015 at <http://blogs.economictimes.indiatimes.com/et-commentary/chinas-regional-power-shift-silk-road-and-asian-infrastructure-investment-bank/>.
- **Kondapalli Srikanth**, “Border Talks and After”, Diplomatist vol. 3 No. 4 (April 2015) at <http://www.diplomatist.com/articles/article012.html>.
- **Kondapalli Srikanth**, “5 things Modi should understand about China”, Rediff.com 4 May, 2015 accessed at <http://www.rediff.com/news/column/5-things-modi-should-understand-about-china/20150504.htm>.
- **Kondapalli Srikanth**, “India-China Relations Evolving Geostrategic Environment”, Defence & Security Alert, May, 2015 pp. 43-44 accessed at [http://www.dsalert.co.in/files/May\\_2015\\_Prof\\_Srikanth\\_Kondapalli.pdf](http://www.dsalert.co.in/files/May_2015_Prof_Srikanth_Kondapalli.pdf).
- **Kondapalli Srikanth**, “Five takeaways Modi should target in China”, India Writes, 7 May, 2015 at <http://www.indiawrites.org/diplomacy/five-takeaways-modi-should-target-in-china/>.
- **Prabhakar H. S.**, Mandate, Time to Reform Japan, 18 December, 2014 The New Indian Express
- **Uttam Jitendra**, Panel discussion on Lok Sabha TV, “Accessing the Legacy of Singapore’s First Prime Minister Lee Kuan Yew”, at programme ‘Insight’, 1:00~2:00 PM, 26 March, 2015
- **Uttam Jitendra**, Panel discussion on Lok Sabha TV, “Crisis in Thailand” at programme ‘Insight’, 1:00-2:00 PM, 21 May, 2014
- **Uttam Jitendra**, Panel discussion on Lok Sabha TV, “China-Japan Island Row”, at programme Insight, 3:30 ~ 4:30 PM, 21 May, 2014
- **Uttam Jitendra**, Panel discussion on Lok Sabha TV, “Hong Kong: Future of Protest” at programme Insight, 1:00~2:00 PM, 6 October, 2014

## School of Language, Literature and Culture Studies

### Journal/Research articles

#### Centre of Arabic and African Studies (CA&AS)

- **Rahman, Mujeebur**, *Tamtheel al muslimeen fil adab al-hindi: Qira'atun fi riwayatain bi lughthil malyalam* (Representation of Muslims in Indian literature: study of two novels in Malyali language) translated into Arabic from English, author: Shahjahan Madampat, Journal of Arabic Studies, Issue No.2/March 2015. (ISSN-2348-261), CAAS/SLL&CS/JNU.
- **Ahmad, Bashir A**, *Tamiliya va Adabuha Qadiman va Hadithan* (Tamil language and its classical and modern literature), *Thaqafatul Hind*, Vol 66, N0 1, ICCR, New Delhi, March, 2015 (pages 19-34))
- **Ahmad, Bashir A**, *Fadhilat Thirukkural Fil Adabit Tamili* (Splendour of Thirukkural in Tamil Literature), *Dirasat Arabia* (peer-reviewed journal), CAAS, JNU, New Delhi, March, 2015 (pages 111-120)
- **Rahman, Rizwanur**, *Impact of Quran on 20<sup>th</sup> Century Urdu Poetry*, Journal of Quranic Studies (pg. 127-156), Vol xvi issue 3 2014, EUP, Edinburg (UK).
- **Rahman, Ubaidur**, *Tatauur Al-rawabit thaqafia wattalimiya bainal hind wa saltanati Oman* (Development of cultural and educational relations between India and Sultanate of Oman) "Dirasat Arabia" (Journal of Arabic Studies) CAAS/SLL&CS, JNU, New Delhi (Vol. 2. March2015) ISS No:2348-2613)
- **Rahman, Ubaidur**, *Qadhaya Mu'asira fi tadrīs alluġġat al-ajnaabiyya walarabiyya fil jamiat al-hindiyya ii* (Contemporary issues in teaching of Arabic & foreign languages in the Indian Universities-II) 'Al-Daie', Deoband, Saharanpur, U.P. India, ISSN: 2347-8950, Vol. No.39, Issue no.05, Feb-Mar. 2015.
- **Rahman, Ubaidur**, *Dharooratu tanmiyat maharatiitahadduth fi ta'allum alluġġa: khutwat wa tiqniyat*, (Developing speaking skills for Arabic learners: steps & techniques), "Saut-ul Ummah", Banaras, U.P. India, ISSN-2349-5936, Vol.No.47, Issue No. 2, February 2015.
- **Rahman, Ubaidur**, *Qadhaya Muasira fi tadrīs alluġġat al-arabiyya walluġġat al-ajnaabiyya fil jami'at al-hindiyya- i* (Contemporary issues in teaching of Arabic & foreign languages in the Indian Universities-I), 'Al-Daie', Deoband, Saharanpur, U.P. India, ISSN:2347-8950, Vol. No.39, Issue no.04, Jan-Feb. 2015.
- **Rahman, Ubaidur**, *Dharooratu tanmiyati maharatil istima' fi ta'allum alluġġa: khutwat wa tiqniyat*, (Developing listening skills for Arabic learners : steps & techniques), "Saut-ul Ummah", Banaras, U.P. India, ISSN-2349-5936, Vol.No.47, Issue No. 1, January 2015.
- **Rahman, Ubaidur**, *Al-madeeh alnabawi wal qasida al-ambariyya lissayyid siddique hasan khan (Al-halqa-alakhira)*, (Prophet's Eulogy (PBUH) and Qaseeda Ambariya of Siddique Hasan Khan-II), "Al-Baas el-Islami", Nadwatul Ulma Lucknow, U.P. India, ISSN-2347-2456, Vol. No.60, Issue no.06, December 2014.
- **Rahman, Ubaidur**, *Al-'allama Anwar Shah Al-kashmiri: Adhwa' 'ala hayatihi wa 'aaraihi fi ilmittafseer*, (Allamah Anwar Shah Kashmiri: His life and Views on Tafseer) 'Al-Daie', Deoband, Saharanpur, U.P. India, ISSN:2347-8950, Vol. No.39, Issue no.1-2 November-December 2014.
- **Rahman, Ubaidur**, *Raddul 'ulama al-hunud 'ala kitabat al-mushtashriqeen hawlasseerah annabawiyyah* (Refutation of Indian Scholars to the writings of Orientalists on Prophet Mohammad (PBUH)), 'Thaqafat-ul- Hind', ICCR, GOI, New Delhi-110002, ISSN-0970-3713, Volume 65, Issue no.4, 2014.
- **Rahman, Ubaidur**, *Al-madeeh alnabawi wal qasida al-ambariyya lissayyid siddique hasan khan (Al-halqa-aluoola)*(Prophet's Eulogy(PBUH) and Qaseeda Ambriya of Siddique Hasan Khan-I), "Al-Baas el-Islami", Nadwatul Ulma Lucknow, U.P. India, ISSN-2347-2456, Vol. No.60, Issue no.05, November 2014.
- **Rahman, Ubaidur**, *Musahamatul Allama Siddique Hasan Khan fi tatawwur al-nathr al-arabi fil hind* (Contribution of Syed Siddique Hasan Khan to the development of Arabic Prose in India), "Sautul Ummah", Banaras , U.P. India, ISSN-2349-5936, Vol.No.XLVI-No. 10, October 2014.
- **Rahman, Ubaidur**, *Tatawwur al-masrahiyya fil adab al-arabi al-hadith* (Development of Drama in Modern Arabic literature), *Thaqafat-ul- Hind*; ICCR , GOI, New Delhi-110002, ISSN-0970-3713, Volume 65, Issue no.2, 2014
- **Qutbuddin, Md**, *Sir Syed Ahmad Khan as educational reformer*, in Arabic quarterly Journal "Thaqafat- ul Hind" vol.66, issue 01, ISSN NO: 14387/57 (Jan- March 2015), ICCR, GOI, New Delhi.

- **Qutbuddin, Md**, *Dirasatun fi kitab ' mudhakkirat sayih fi al-sharq al-awsat' lil ustadh annadwi*, Dirasat Arabia, (Journal of Arabic Studies), CAAS/SLL&CS/JNU, Issue No.2, March, 2015 ISSN: 2348-2613

### **Centre for Chinese and SouthEast Asian Studies (CC&SEAS)**

- **Deepak, B. R.**, “Lu Xun’s Critique of Tagore: Sardonic irreverence and misunderstanding” in 比较文学丛刊 (Journal of Comparative Literature) 2014 pp.147-164(Tianjin Foreign Studies University, China)
- **Deepak, B. R.**, “India’s Political Leaders and Nationalist China: Quest for a Sino-Indian Alliance” *China Report* 50:3 (2014) pp. 215-231
- **Deepak, B. R.**, “印度的中文和中國研究：回顧與展望”(Chinese Language and China Studies in India: Retrospect and Prospects” 汉学研究通讯 33 ( 2 ) 民国103 [2014] 年5 月pp 21-29
- **Deepak, B. R.**, “Wang Wei ki Kavitaaien: Mool Chini Se Anuvaa”, Udayan Vajpei (2014 Sanas – 10, July, 2014 Pages, 112 – 114
- **Deepak, B. R.**, “Deng Xiaoping: Interpreter of the Chinese Dream” *The Equator Line*, vol. 3 April-June 2014 pp. 40-49
- **Deepak, B. R.**, “Belt and Road Action Plan: Choices for India” in [www.indiawrites.com](http://www.indiawrites.com) 5 April, 2015 <http://www.indiawrites.org/diplomacy/belt-and-road-action-plan-choices-for-india/>
- **Deepak, B. R.**, “Obama’s India visit and India’s role as a ‘swing power’ C3S Paper No. 0017/ 2015, 25 January, 2015 <http://www.c3sindia.org/uncategorized/4783>
- **Deepak, B. R.**, “‘One Belt one Road’: China at the Centre of Geopolitics and Geoeconomics?” in *Eurasia Review*, 4 December, 2014 <http://www.eurasiareview.com/04122014-one-belt-one-road-china-centre-global-geopolitics-geo-economics-analysis/>
- **Deepak, B. R.** “South Asian bloc needs to add China’s growing economic clout” *Global Times*, 2 December, 2014 <http://www.globaltimes.cn/content/894542.shtml>
- **Deepak, B. R.**, “印度卡不住中国进南盟” *环球时报*》27 November, 2014 [http://opinion.huanqiu.com/opinion\\_world/2014-11/5217364.html](http://opinion.huanqiu.com/opinion_world/2014-11/5217364.html)
- **Deepak, B. R.**, “Trust is the Biggest Challenge” an interview with *China Daily* 18 September 2014 [http://usa.chinadaily.com.cn/epaper/2014-09/18/content\\_18621682.htm](http://usa.chinadaily.com.cn/epaper/2014-09/18/content_18621682.htm)
- **Deepak, B. R.**, “印参与‘海上丝路’可破‘珍珠链论’ (India’s entry to ‘Maritime Silk Route’ will be an antidote to ‘the string of pearls’ notion *环球时报*, 18 September, 2014 [http://opinion.huanqiu.com/opinion\\_world/2014-09/5141651.html](http://opinion.huanqiu.com/opinion_world/2014-09/5141651.html)
- **Deepak, B. R.**, “Xi Jinping’s India visit: Foreign investment alone is not the answer”, *South Asia Analysis Group*, paper no. 5784, 14 September, 2014 <http://www.southasiaanalysis.org/node/1611>
- **Deepak, B. R.**, “Modi’s Japan Visit: Can India Ignore China”, *South Asia Analysis Group*, paper no. 5781, 8 September, 2014 <http://www.southasiaanalysis.org/node/1609>
- **Deepak, B. R.**, “Nonalignment still best suits India’s long-term needs” *Global Times* 9 September, 2014 <http://www.globaltimes.cn/content/880585.shtml>
- **Deepak, B. R.**, 日印‘秀恩爱’难掩中印关系超双方范畴事实“ <http://news.sina.com.cn/w/zg/jrsd/2014-09-10/1145232.html> Sina.com 11 September, 2014
- **Deepak, B. R.**, “India-US relations battered by scandal”, *Global Times* 10 July, 2014 <http://epaper.globaltimes.cn/2014-07-10/56520.htm>
- **Deepak, B. R.**, “60<sup>th</sup> anniversary of Panchsheel: China’s stand on border then and now”, paper no. 5738, 3 July, 2014 in *Southasia Analysis Group* <http://www.southasiaanalysis.org/node/1560>
- **Deepak, B. R.**, “印度学者：莫迪治下印度如何与中国相处” (Indian Scholar: India’s China Policy under Modi) <http://news.sina.com.cn/w/zg/jrsd/2014-06-10/084132.html>
- **Deepak, B. R.**, “India needs a well calibrated foreign policy to enhance ties with China”, *Global Times*, 14 June, 2014 <http://epaper.globaltimes.cn/2014-06-12/54604.htm>
- **Deepak, B. R.**, “Why Modi should visit China first?” in *Chennai Centre for China Studies C3S Paper No:2104* dated 3 June, 2014 <http://www.c3sindia.org/india/4058>
- **Deepak, B. R.**, “专稿-印度教授谈大选：雾霾严重却未成为议题”， (Indian Professor on Indian Elections: what’s on Agenda and what’s not?” 2014年05月13日 11:06第2期 <http://news.sina.com.cn/w/zg/gjzt/2014-05-13/11068.html>

- **Deepak, B. R.**, “Does India have a dream”, Global Times 8 April, 2014 <http://www.globaltimes.cn/content/853297.shtml>
- **Deepak, B. R.**, “Henderson Brooks-P S Bhagat Report on 1962 War: ‘secrecy’ an Ostrich Act”, South Asia Analysis Group paper no. 5669 dated 21 March, 2014 <http://www.southasiaanalysis.org/node/1483>
- **Deepak, B. R.**, “On Li Keqiang’s Government Work Report”, Chennai Centre for China Studies C3S Paper No:2076 dated 5 March, 2014 <http://www.c3sindia.org/china-internal/3936>
- **Mukherji, Priyadarsi**, “An Honor from China”, *News from China*, New Delhi, October 2014, Vol. 26, No. 10, pp. 44-46.
- **Mukherji, Priyadarsi**, “Understanding China: The Mystery behind Chinese Names”, cited in <http://taazakhabarnews.com/?p=513> [December 2014].
- **Mukherji, Priyadarsi**, “Sinology’ or ‘Sin-Indology’---Shared Heritage of China and India”, cited in <http://taazakhabarnews.com/?p=472> [December 2014].
- **Mukherji, Priyadarsi**, “Bridging the Gap between Indian and Chinese Culture and Heritage”, cited in <http://taazakhabarnews.com/?p=464> [December 2014].
- **Mukherji, Priyadarsi**, “Prof. Priyadarsi Mukherji invited to the Symposium of China Studies 2014”, *News from China*, New Delhi, December 2014, Vol. 26, No. 12, pp. 42-44.
- **Mukherji, Priyadarsi**, “On the 65th Anniversary of India-China Diplomatic Relations”, *News from China*, New Delhi, March 2015, Vol. 27, No. 3, pp. 30-34.
- **Mukherji, Priyadarsi**, “65th Anniversary of India-China Diplomatic Relations”, cited in <http://taazakhabarnews.com/65th-anniversary-of-india-china-diplomatic-relations/> [March 2015].
- **Mukherji, Priyadarsi**, “A Bouquet of Four Poems”, *Ashabari* (a journal of the All-India Women's Conference, Bolpur-Santiniketan chapter), Vol.6, May 2014, pp.31-32.
- **Mukherji, Priyadarsi**, “The History of India-China Cross-Cultural Communication: Some Forgotten Chapters”, *Puthi O Patra* (half-yearly literary journal), Calcutta, Vol. 1, No. 2, 2015 (Jan. 2015), pp. 32-35.

### **Centre for English Studies (CES)**

- **Banerjee, Rita**, “John Milton: Paradise Lost Book 1”, British Poetry and Drama: 17<sup>th</sup> and 18<sup>th</sup> Century, Website, Institute of Lifelong Learning: <http://vle.du.ac.in/file.php/435>.
- **Bhaduri, Saugata**, “Gaming” (article as part of the *Digital Keywords* project), <http://culturedigitally.org/2014/06/gaming-draft-digitalkeywords/>
- **Bhaduri, Saugata**, “A Breath of Fresh Air” (review of Rosinka Chaudhuri, *The Literary Thing*), *The Book Review*, Vol. XXXIX, No. 1, January 2015, pp. 16-17, New Delhi
- **Bose, Brinda**, “Calcutta, Crow” (poems) <[www.humanitiesunderground.org](http://www.humanitiesunderground.org)> 9 March, 2015
- **Bose, Brinda**, “What Next?” <[www.humanitiesunderground.org](http://www.humanitiesunderground.org)> 10 November, 2014
- **Bose, Brinda**, “Event, Metaphor, Memory, Or, A Tale of Two Disciplines”. <[www.humanitiesunderground.org](http://www.humanitiesunderground.org)> 10 April, 2014
- **Bose, Brinda**, Book Review “Sexuality Studies, edited by Sanjay Srivastava” *Contributions to Indian Sociology*, 49 (1), February, 2015
- **Bose, Brinda**, Book Review “The Lives of Others, by Neel Mukherjee” *Biblio*, July – August, 2014
- **Bose, Brinda**, Book Review “Courtesans, Bar Girls and Dancing Boys: The Illicit Worlds of Indian Dance, by Anna Marcom”. *Biblio*, May – June, 2014
- **Das Saitya Brata**, “The Tragic Dissonance” in *Analecta Hermeneutica*, vol: 0.5 (2013): online. pag. web. 26 March, 2015, ISSN 1918-7351
- **Das Saitya Brata**, “The Gift of the World: A Note on Political Theology” in *Culture and Religion* (London: Taylor & Francis), Vol. 15, issue 3, autumn 2014. ISSN: 1475-5610.
- **Das Saitya Brata**, “Melancholy and Philosophy: Benjamin on Language and Truth” in *Comparative and Continental Philosophy*, vol. 6 no.1, May 2014, 90-98, ISSN: 1757-0638
- **Paranjape, Makarand R.**, “Indic-Asian Studies: Towards an Alternative Cosmopolitanism – A Brief Note.” *Barima* # 2. (December 2013): 208-214. Korean translation: 201-207.
- **Paranjape, Makarand R.**, “Gandhiism vs. Gandhigiri: The Life and Afterlife of the Mahatma.” *Indialogs, Spanish Journal of India Studies*. 1.1 (2014): 103-122.
- **Prasad G.J.V.**, “Indian English Literature Today”, *Muse India*, January, 2015
- **Prasad G.J.V.**, “Contemporary Indian English Poetry”, Editorial, *Muse India*, February, 2015

- **Singh Dhananjay**, “Mimesis and Anukarana” *Tattva-Sindhu*. Lucknow: Coomaraswamy Foundation, Feb. 2015
- **Singh Dhananjay**, “Muse India” *Muse India*. March-April 2015. <http://www.museindia.com/focuscontent.asp?issid=60&id=5557>

### **Centre for French and Francophone Studies (CF&FS)**

- **Chaudhry Kiran**, La femme indienne à travers les traductions françaises et francophones » *Rencontre avec l'Inde*, eds. Ramakrishna Shantha and Goburdhun Maya, ICCR, Tome 43, Numéro 1, 2014. (ISSN O970-4876) pp. 125-136
- Loftus M, Tiernan P, **Cherian Sebastian T.**, Students' readiness to move from consumers to producers of digital video content: A cross-cultural analysis of Irish and Indian students in *Education And Information Technologies*, Springer US, 2014, 19, 3, pp569-582 (ISSN: 1360-2357)
- **Pugazhendhi Kumarasamy**, “Des œuvres françaises et leurs versions tamoules” “French Literary Works and Their Tamil versions”, *Développement social et interculturalité : un regard croisé*, pp 157-164, Paris, France, l'Harmattan, 2014, (ISBN 978-2-343-04689-1).

### **Centre of German Studies (CGS)**

- **Naithani Sadhana**, *Folklore Theory in Postwar Germany*. University Press of Mississippi, April, 2014
- **Sahni Madhu**, Shaswati Mazumdar, Madhu Sahni (eds), *Across Literary and Linguistic Diversities: Essays on Comparative Literature*. Goethe Society of India Yearbook 2014, Peter Lang, Oxford, 2014
- **Sadhana Naithani**, “A Wild Philology”. *In Marvels & Tales*, Vol. 28, Nr. 1, April, 2014

### **Centre of Indian Languages (CIL)**

- **Jinabade Moinuddin A.**, “Nazm-e-Jadid Ki Tahereek: Maqasid Aur Ghayat-e-Asl”, in *Fikr-e-Nao*, *Dilli College Journal* 2014-15
- **Choubey Devendra**, ‘Samkalin Hindi Kahani Ki Duniya Aour Samajik Asmita Ke Prashn’, *Rachna Samay*, Bhopal, November, 2014
- **Choubey Devendra Kumar**, “Epilogue”, (Translated Creative Article/Short Story by Dr. Khushi Patnayak), *Indian Literature* by Sahitya Akademi, Delhi, January – February, 2015
- **Choubey Devendra Kumar**, ‘Samkalin Hindi Kahani Ki Duniya Aour Samajik Asmita Ke Prashn’ (Research Article), *Rachna Samay*, ed. By noted Writer Hari Bhatnagar, Bhopal, November, 2014
- **Choubey Devendra Kumar**, “Aatmsamman Ka Itihas Hamesha Adhura Raha Hai”, (Interview), *Rastriya Sahara*, Patna, 12 November, 2014
- **Chandra Ram**, “Premchand Aur Dalit Vimarsh Ke Prashna”, *Ummid*, January-March 2015.
- **Chandra Ram**, “Omprakash Valmiki Ki Rachnadharmita Aur Dalit Sahitya”, *Shodh Sanchayan*, 15 January, 2015
- **Chandra Ram**, “Omprakash Valmiki Ki Aalochna Drishti”, *Samkalin Bhartiya Sahitya*, January – February 2015.
- **Chandra Ram**, “Premchand Aur Kafan: Sarjana Aur Samvedna Ke Vividh Aayam”, *Sangharsh/Struggle: E-Journal Of Dalit Literary Studies*, October-December, 2014.
- **Chandra Ram**, “Marmantak Vedna Ki Abhivyakti Hai Joothan Aur Murdahiya”, *Sangharsh/Struggle: E-Journal Of Dalit Literary Studies*, April-September, 2014.
- **Meena Ganga Sahay**, “Adivasi Sahitya: Swaroop Chunotiyan or Sambhawanyen”, *Bahuvachan, Vardha*, Sole Author July – September, 2014 ISBN/ISSN No. 2348-4586
- **Meena Ganga Sahay**, “Adivasi Sahitya: Aavdharana or Samakalin Lekhan”, *Aabhyantar*, Delhi, Sole Author July – September, 2014 ISBN/ISSN No. 2348-7771
- **Singh Omprakash**, “Pramukh Hindi Kavi Aur kavya: Ritikaal”, *Prakashan Sansthan*, New Delhi 2014.
- **Singh Omprakash**, (ed.) Pratapnarayan Mishra Sanchaita, Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya Wardha (Maharashtra) 2014.
- **Singh Omprakash**, (ed.) Path Aur Pathyakram, Prakashan Sansthan, New Delhi 2014.

### **Centre for Linguistics (CL)**

- **Narang, Vaishna**, Assessing speech dysfunction using BOLD and acoustic analysis in parkinsonism Mohit Saxena, Madhuri Behari, S. Senthil Kumaran, Vinay Goyal, In Parkinsonism and Related Disorders 20 (2014) 855 - 861, Science Direct Elsevier.
- **Narang, Vaishna**, Thai and Hindi Kinship Terms: A Socio cultural Study of Linguistic Patterns Jointly with Deepshikha Misra, Sulaganya accepted for publication in IJL University of Kashmir, Srinagar.
- **Narang, Vaishna**, Vowel Production Deficit in Cases of Dysarthria due to Parkinson's Disease presented in the 18th International Congress of Parkinson's Disease and Movement Disorders, Stockholm, Sweden, to be published in the proceedings; Jointly with Deepshikha Misra and Prof Madhri Behari, AIIMS, , 8 – 12 June, 2014

### **Centre for Japanese Studies (CJS)**

- **George P.A.**, "Nihonjin no 'yurei' no imeji to indojin no 'yurei' no imeji: sono ruijiten to soiten" (日本人の「幽霊」のイメージとインド人の「幽霊」のイメージ — その類似点と相違点), in Komatsu Kazuhiko (ed.), "Kaii/yokai bunka nodento to sozo: uchi to sot no kanten kara" (『怪異・妖怪文化の伝統と創造 — ウチとソトの観点から』), International Research Centre for Japanese Studies, Kyoto, Japan, January 2015. ISSN 0915-2822
- **George P.A.**, "Indojin totte 'yurei' to ha nanika", (インド人にとって〈幽霊〉とは何か), HUMAN Vol.06, Ningen Bunka Kenkyu Kiko, Heibon-sha, Tokyo, July 2014, Pp 79-83, ISBN978-4-582-21236-5

### **Centre for Korean Studies (CKS)**

- **Raghavan Vyjayanti**, Book Review of Skand R. Tayal, *India and Republic of Korea: Engaged Democracies*, in *The Book Review*, Volume xxxviii, Number 7, July, 2014
- **Samajdar, Neerja**, "Culture Awareness in foreign language classrooms", *The Journal of English language, Literature & humanities*, India, December, 2014

### **Centre of Persian and Central Asian Studies (CP&CAS)**

- **Ahmed Sk. Ishtiaque**, "Istanbul the Cultural Capital of Muslim World", *Third World Impact* Vol. XXVI, Issue no. 205, ISSN 2231-5020, New Delhi, January – March, 2015
- **Ahmed Sk. Ishtiaque**, "Sunnat e Sheri ye Shahname Navisi dar Shebh e Qare Hind", Proceeding of International Seminar, Kolkata University, Kolkata, March, 2015
- **Ahmed Sk. Ishtiaque**, "Taseer e Shahname e Hakeem Firdausi dar Shib e Qare Hind", *Majmuye Maqalat*, Tarveej, Tehran, Iran, Vol. I, Issue no. I, University Publication, Tehran, Iran, December, 2014
- **Ahmed Sk. Ishtiaque**, "Zikr e Zanan e Karbala dar Marasi e Mir Anis, Shayar e Moasir Sabahi Bedgeli", *Majmuye Maqalat*, Tarveej, Tehran, Iran, Vol. I, Issue no. I, University Publication, Tehran, Iran, September, 2014
- **Ahmed Sk. Ishtiaque**, "Persian and Central Asia in the Indian Tapestry: Political and Cultural Relations", *Research Journal Danish*, Srinagar, Vol. 31, ISSN 0975-6566, 2014
- **Husain, Syed Akhtar**, "Ghalib at Kashi", *Journal of the Department of Arabic and Persian University of Calcutta*, Vol-VII, 2014-2015, March, 2015, pp52-56, Kolkata, (ISSN- 23949635)
- **Akhlaque A. Ansari**, "Abutorab ki farsi shayeri", *Sahifa biannual*, Lucknow, 2014
- **Akhlaque A. Ansari**, "Khan Abdulghaffar Khan aur jidd-o-jehd-e azad", *aamad quarterly*, Patna, 2014
- **Akhlaque A. Ansari**, "Ahmad Faraz: yadon ke jharakon se", *Sahara daily*, Delhi, August 2014
- **Akhlaque A. Ansari**, "Urdu ki bagho bahar shakhsiat", *Sahara daily*, Delhi, September, 2014
- **Akhlaque A. Ansari**, "Olama aur danishwar", *Sahara daily*, Delhi, December, 2014
- **Akhlaque A. Ansari**, "Amir Khusrau and Bedil", in the book *Celebrating Amir Khusrau*, Aga Khan Foundation, 2014

- **Akhlaque A. Ansari**, "Maulana Rumi and Silk Road", in the book *Silk Road*, Ankara National University, Ankara, Turkey, 2014
- **Allauddin Shah**, "Influence of Sufism on the Baul Sect of Bengal", *Danish*, Research Journal, Dept. of Persian, University of Kashmir, Vol. no. 31, 2013-2014, ISSN: 0975-6566.
- **Haque Md. Mazharul**, "Akhtiyarat-i-Qasmi: Makhtota-i-Mohimmi Dar Rishta-i- Tib", co-authored with Dr. Arshad Hussain, *Qabd-e Parsi*, Issue no. 63-64, March- August 2014, pp.156-169 , New Delhi, (ISSN 2349-0969)
- **Haque Md. Mazharul**, "Allama Iqbal Az Deed Gah-e Iranian", *Danish*, Research Journal, Vol.XXXI-2014, pp. 99-116, Srinagar: University of Kashmir, (ISSN 0975-6566)
- **Haque Md. Mazharul**, "Allama Iqbal: Shair-e Barjasta-e Farsi go", *Arabic & Persian Poetry in India*, Department of Arabic & Persian, University of Calcutta, Volume-II, pp. 02-08, Kolkata
- **Khairree Mohammad Anwar**, "Nawab Mohabbat Khan Wa Sher-e-Farsi-e-Dari", *Arabic & Persian Poetry in India*, Department of Arabic & Persian, University of Calcutta, Volume-II, pp. 53-61, Kolkata

### **Centre of Russian Studies (CRS)**

- **Ambedkar, Vinay Kumar**, "New Realism in Roman Senchin`s Minus" in *CRITIC: A journal of CRS* no. 12 (Vol. II), 2014
- **Banerjee, Ranjana**, The Image of India in the Travelogue of Elena Blavatskaya "From the Caves and Jungles of Hindostan. Published in *CRITIC* No 12. Vol-II. 2014 ISSN- 2229-7146
- **Chaudhary, Manuradha**, "Conflict between Traditional and Modern: A Study of Tolstoy's Anna Karenina", *CRITIC* Journal of CRS. JNU New Delhi. Vol 12. 2014. Pages- 186-190.
- **Narain, Meeta**, 'Translation for Special Purposes: Theory and Practice' published in the journal *Vestnik* published by the Higher School of Translation and Interpretation, Lomonosov Moscow State University, Russia, (No.2, 2014) (ISSN: 0201-7385) (ISSN: 2074-6636)
- **Narain, Meeta**, Book Review – Practical Course of Russian Language by VG Budai, J Raghuvanshi and S. Joshi, published in *CRITIC*, journal of CRS, JNU, Issue No. 12 (Vol. II), Dec. 2014 (ISSN: 2229-7146)
- **Narain, Meeta**, 'Emergence of Buddhism in Cultural Studies', published in the souvenir of the International Conference on 'Japanese Literature: In pursuit of New Teaching Methodologies and Resources' – 3-4, November 2014
- **Saini, Sonu**, "Russi – Hindi anuvaad ki Samasyaein: ek Avalokan", *Critic* No. 12. JNU, New Delhi, 2014.p.227-233. ISSN: 2229-7146, December, 2014.
- **Verma, Kiran Singh**, 'Interferentsiya v rechi vzroslykh, izuchayushshikh inostrannyi yazyk (na opyte prepodavaniya russkogo yazyka kak inostrannogo)' Interference in the speech of adult learners of foreign languages (on the basis of experience of teaching Russian as a foreign language), *CRITIC* No 12, A journal of the Centre of Russian Studies, Jawaharlal Nehru University, New Delhi, 2014, 32-35.

### **Centre of Spanish, Portuguese, Italian and Latin American Studies (CSPI&LAS)**

- **Ansari Nabi**, (Coauthored with Shweta Sahay) *Memoria de Andrés Chilibingua: Reexamining the Indigenous Identity as Portrayed in Huasipungo. Hispanic Horizon*. 2014. ISSN 0970 – 7522
- **Mukherjee Indrani**, "Cartography of Mass-Citizenry in Global Netscapes in Cristina Peri Rossi's Short Stories "Los desarraigados" ["The Uprooted"] and "La grieta" ["The Crevice"]." in *The Postcolonialist* June 2014 themed issue, "Sites of Home." <http://postcolonialist.com/category/releases/sites-of-home/>
- **Mukherjee Indrani**, (Coauthored with Sanghita Sen) "Noir Films in Mexico and India and Gendered Urban Space." In Eduardo de Gregorio-Godeo & María del Mar Ramón-Torrijos (eds.) (2014). *Multidisciplinary Views on Popular Culture: Proceedings of the 5th International SELICUP Conference* / *Visiones multidisciplinaressobrelaculturapopular: Actasdel5º CongresoInternacionaldeSELICUP*. Cuenca: Ediciones de la Universidad de Castilla-La Mancha. 292-302. ISBN-10: 84-617-0400-2 / ISBN-13: 978-84-617-04002.
- **Saxena, Rajiv**, "The Decapitated Generation of Ecuador". *Hispanic Horizon* No. 3, ISSN-9707522. 2015
- **Saxena, Rajiv**, "Contours and Contributions of the Latin American Narrative", *Hispanic Horizon* No. 29 ISSN-9707522. 2014

## Books

### ***Centre of Arabic and African Studies (CA&AS)***

- **Ahmad, Bashir A**, Afdhalul Qisas Biqalami Tagore (Best Stories by Tagore) Hind-Asian Publications, New Delhi, November, 2014
- **Rahman, Rizwanur**, Essays on the Arabian Nights (ed. with Syed Akhtar Husain), Primus Books, New Delhi (Dec.) 2014. ISBN 9789384082000
- **Rahman, Rizwanur**, Maqalaat 'an Alf lailah wa lailah (ed.), Roseword Books, New Delhi 2014, ISBN978819256119
- **Rahman, Ubaidur**, Al-naz'a al-insaniyya fi kitbati Jubran Khalil Jubran: Dirasah Tahliliyyah (Humanism in the Writings of Gibran Khalil Gibran: An Analytical Study), Al-Balagh Publications, N-1, Abul Fazal Enclave, Jamia Nagar New Delhi-110025 (1<sup>st</sup> Edition, April 2014), ISBN 978-93-83313-22-8.

### ***Centre for English Studies (CES)***

- **Das, Saitya Brata Das**, The World to Come: Writings on Ethics and Politics (Delhi: Aakar, 2015)
- **Das, Saitya Brata & Soumyabrata Choudhury**, The Weight of Violence: Religion, Language, Politics (Oxford & London: Oxford University Press, 2015).
- **Das, Saitya Brata**, Politics and Religion (Delhi: Aakar Books, 2014).
- **Paranjape, Makarand R.**, The Death and Afterlife of Mahatma Gandhi. London and New York: Routledge, 2014.
- **Paranjape, Makarand R.**, ed. Healing across Boundaries: Biomedicine and Alternative Therapeutics. New Delhi and London: Routledge, 2014.
- **Paranjape, Makarand R.**, ed. Swami Vivekananda: A Contemporary Reader. New Delhi: Routledge, 2015.
- **Singh, Dhananjay**, Assistant Editor, with Kapil Kapoor (Chief Editor), and Richard York (Coordinating Editor), Mutual Regards: Indo-Irish Anthology. New Delhi: D.K.Printworlds (in Press)

### ***Centre for French and Francophone Studies (CF&FS)***

- **Kamala N.**, 'Traduire l'Inde : texte, contexte, image', Rencontre avec l'Inde. Tome 43, Numero 1, 2014
- **Kamala N.**, 'American and Canadian Traditions of Translations', 'Anuvaad ki americi evam candai parampara' (tr. By S K Mishra), MTT, 011, Anuvaad: Itihaas evam Parampara, Study Material for IGNOU, 2014
- **Karkun Abhijit**, Développement social et interculturalité : un regard croisé (Ed.) Abhijit Karkun & Elaine Costa-Fernandez, L'Harmattan, Paris ,2014, ISBN : 978-2-343-04689-1
- **Karkun Abhijit**, Entre Jeunes I for Class IX, Fourth Revised Edition, CBSE, 2014 (Revision Work)
- **Shoba S.**, Représentation des femmes dans les proverbes tamouls, Rencontre avec l'Inde, New Delhi, Vol 43, Numéro 2, 2014, ISSN 0970-4876.
- **Puri Asha**, In Praise of Giving: Understanding the American Heart, translation from the French of Guy Sorman's Le Coeur Américain, Full Circle, 2014, ISBN-13: 978-8176212632
- **Shoba S.**, Translation of Tirukkural in French : Methods and Techniques, Thirukural Karuthirpulpapathil Ariyiyal (Rhetorics in Thirukural), (eds) R. Tamilselvan, J. Manimala & others, New Century Book House (P) Ltd., Chennai, Nov 2014, ISBN 978-81-2342-751-5.
- **Shoba S.**, A la recherche de la vérité (translation of the short story Nijathai Thedi written by Sujatha from Tamil to English), Rencontre avec l'Inde, New Delhi, Vol. 43, numéro 1, 2014, ISSN 0970-4876.

### ***Centre of German Studies (CGS)***

- **Nicole Mayer-Ahuja**, (as co-translator with Petra Besemann), 'Everywhere is Becoming the Same': Regulating IT-Work between India and Germany, Social Science Press, New Delhi, 2014, pp. 1-300

### ***Centre of Indian Languages (CIL)***

- **Chandra Ram**, Dalit Chetna Ki Kavitaayen (Ed.); Swaraj Prakashan, New Delhi; 2014
- **S.M. Anwar Alam, (Anwar Pasha)**, Adabi Tehrikat-O-Rujhanat, (Edited and revised), Arshia Publications, Delhi, 2014
- **S.M. Anwar Alam, (Anwar Pasha)**, Adabi Tehrikat-O-Rujhanat, (Edited and revised), Arshia Publications, Delhi, 2014
- **S.M. Anwar Alam, (Anwar Pasha)**, Tanisiyat Aur Adab, (Edited and revised), Arshia Publications, Delhi, 2014

### ***Centre for Linguistics (CL)***

- **Manjali, Franson**, Labyrinths of Language - Philosophical and Cultural Investigations, New Delhi: Aakar Books, April, 2014. ISBN-10: 9350022761. ISBN-13: 978-9350022764

### ***Centre for Japanese Studies (CJS)***

- **George, P.A**, Miyazawa Kenji and the Notion of Co-existence and Co-prosperity: A Reinterpretation of His Literary Works (宮澤賢治と共存共栄の概念 : 賢治作品の見直し )、 Edited by: P. A. George, Northern Book Centre, New Delhi, 2014 (ISBN10: 81-7211-343-9, ISBN13: 978-81-7211-343-8)
- **Motwani Prem**, Matsuki Miyazaki Under the shade of a Pipal tree: India Leprosy Mission, Kodansha (In press) (Autobiography of Dr. Miyazaki who set up the National JALMA Institute of Leprosy at Agra).
- **Motwani Prem**, (2<sup>nd</sup> book in the series on Japanese who contributed towards strengthening of India-Japan relations. The 1<sup>st</sup> book was translated under the title "Green Father" 3 years ago)

### ***Centre for Korean Studies (CKS)***

- **Raghavan Vyjayanti**, & R. Mahalakshmi, Colonization: A Comparative Study of India & Korea, New Delhi: Academic Foundation, 2015
- **Raghavan Vyjayanti**, & P.R. Chari, Sino-Indian and Sino-South Korean Relations: Compulsions, Comparisons and Contrasts, New Delhi: Routledge, 2015

### ***Centre of Persian and Central Asian Studies (CP&CAS)***

- **Allauddin Shah and Ahmed Sk. Ishtiaque**, Animal Fables from Modern Persia, Vigilante Publications (co edited, with an Introduction), Gurgaon: 2014 (ISBN No: 978-93-5156-813-1)
- **Akhlaque A. Ansari**, Amir Khusraw's India, Ravi Kumar Publications, Paris, 2014
- **Akhlaque A. Ansari**, Mera jeevan Mera Sanghars (Hinditranslation with Introduction), Nai Kitab, New Delhi, 2014
- **Akhlaque A. Ansari**, Sochney pe pahra hai (poems' collection in Nagri), Nai Kitab, New Delhi, 2014
- **Akhlaque A. Ansari**, Soroor (poems collection in Urdu), Educational publishing house, New Delhi, 2015
- **Akhlaque A. Ansari**, Amir Khusraw (ed.), Brown Book Publication, New Delhi, 2015.
- **Syed Ainul Hasan and Ahmed Sk. Ishtiaque**, Maulana Abul Kalam Azad, Me'mar-e-Farhang-e-Hind-o-Irani (Maulana Abul Kalam Azad: Architect of Indo-Persian Culture) (co edited with an Introduction), Union Printing Press, Delhi: 2014 (ISBN No: 978-93-81029-69-5)
- **Syed Akhtar Husain and Rizwanur Rahman**, Essays on Arabian Nights, (co edited with an Introduction) IIC and Primus Books, New Delhi, 2015

## Chapters in Books

### *Centre of Arabic and African Studies (CA&AS)*

- **Rahman, Rizwanur**, Adunik Kahaniyan: Arbistan, (translated stories), Vani Prakashan, New Delhi 2014.
- **Rahman, Rizwanur**, Jigyasa Vyakti ka ant Dong Guldasta Mazloom Antim sanskaar Khuda ki duniya Patthar Sasara khoon Chute Gandh Kali machhli Langda Thos praman Uphaar Tang haal Hara hua kes Jis din jangal jal gaya Doodsri bhent Station
- **Imam, Khurshid**, "Cultural Relations between India and Israel: Role of Indian Jews", in "Foreign Policy of India and West Asia" ed., Fazal Mahmood and Rafiullah Azmi, New Century Publications, New Delhi, 2014 (ISBN: 978-81-7708-381-1)

### *Centre for English Studies (CES)*

- **Banerjee, Rita**, "Prospect of Inter-class Marriage and the Subaltern Challenge to Hierarchy in The Winter's Tale and The Maid in the Mill", Shakespeare and Class. Ed. Shormishtha Panja. Delhi: Pearson, 2014: 39-47
- **Bhaduri, Saugata**, "Aali Sir Forever: Remembering Professor Aali Areefur Rahman", Literature, History and Culture: Writings in Honour of Professor Aali Areefur Rehman. Eds. Abdullah Al Mamun and Maswood Akhter, Rajshahi. Bangladesh: Department of English, Rajshahi University, 2014: 606-607 (ISBN 984-32-3542-8)
- **Bose, Brinda**, "Civil War in Jefferson Country". Shrapnel Minima: Writings from Humanities Underground. Edited by Prasanta Chakravarty. Seagull Books and U of Chicago Press, 2015
- **Bose, Brinda**, (with Prasanta Chakravarty). "Glass Consciousness". Shrapnel Minima: Writings from Humanities Underground. Edited by Prasanta Chakravarty. Seagull Books and U of Chicago Press, 2015
- **Bose, Brinda**, "Why and How are We All Queer?" What the Jaguar Knows We don't Know. Kindle Biannual, Ink Publications, December 2014
- **Bose, Brinda**, "Queering South Asia and its Diasporas". The Cambridge History of Gay and Lesbian Literature, edited by Mikko Tuhkanen and E. L. McCallum. CUP, 2014
- **Bose, Brinda**, "Greek Flower, Greek Ecstasy: H.D. and a Modernist, Feminist Erotics". Aspects of Modernity: American Women's Poetry. Edited by Sukanya Dasgupta. Kolkata: Jadavpur University Press, 2014
- **Das Saitya Brata**, "Tears are not Yet Wiped Away from All Faces" to be published in The Weight of Violence: Religion, Language, Politics (Oxford, Delhi: Oxford University Press, 2015).
- **Das Saitya Brata**, "Schelling: Religion and Politics" in Politics and Religion, ed. Saitya Brata Das (Delhi: Aakar Books, 2014).
- **Paranjape, Makarand R.**, "Enjoying God: The Divine Paramour", Radha: From Gopi to Goddess. Ed. Harsha Dehejia. New Delhi: Niyogi Books, 2014: 87-104.
- **Paranjape, Makarand R.**, "Swami Vivekananda on Secularism in India", On World Religions: Diversity, Not Dissension. Ed. Anindita N. Balslev. New Delhi: Sage Publications, 2014: 224-241.
- **Paranjape, Makarand R.**, "Swami Vivekananda's Contribution to the Modern World", Swami Vivekananda's Vision of Future Society. Kolkata: Ramakrishna Mission Institute of Culture, 2014: 48-76.
- **Paranjape, Makarand R.**, "Indo-Asian Studies: Towards an Alternative Cosmopolitanism" Affinities: India and Korea, Past and Present. Eds. Pankaj Mittal et. al. New Delhi: BPS Mahila Vishwavidyalaya and DK Printworld, 2014: 42-46.
- **Paranjape, Makarand R.**, "Another Asia is Possible: New Paradigms in Indo-Korean Relations" With Korean translation. Korea and India in Multicultural and Global Era. Conference proceedings. Ed. Chunsik Kim. Seoul: Poemsikaj Publishing Co., 2014: 28-43.
- **Paranjape, Makarand R.**, "Introduction: The Terms of the Dialogue. A Conversation with Pushpa Mittra Bhargava and P. Ram Manohar" Healing across Boundaries: Biomedicine and Alternative Therapeutics. Ed. Makarand R. Paranjape. New Delhi and Abingdon, UK: Routledge, 2014: 1-13.
- **Paranjape, Makarand R.**, "Yogi-doctors' and Occult Healing Arts: Holistic Therapeutics at Sri Aurobindo Ashram" Healing across Boundaries: Biomedicine and Alternative Therapeutics. Ed. Makarand R. Paranjape. New Delhi and Abingdon, UK: Routledge, 2014: 173-200.

- **Paranjape, Makarand R.**, “English Studies, East and West: Towards a New Paradigm” *Traveling Contexts: Cosmopolitanisms Old & New, East & West*. English Language and Literature Association of Korea Conference Proceedings. Seoul: ELLAK, 2014: 53-59.
- **Paranjape, Makarand R.**, “Metropolis” and “Mother India” *Barima#2* (December 2013): 122-127. Korean translations: 116-121.
- **Paranjape, Makarand R.**, “Muse India” *Muse India*. March – April, 2015 <http://www.museindia.com/focuscontent.asp?issid=60&id=5561>
- **Prasad G.J.V.**, Introduction to the Poetry of Uddipana Goswami
- **Singh Dhananjay**, “Nagarjuna: the Mystic Dialectician.” *Politics and Religion*. Ed. Saitya Brata Das. Delhi: Aakar Books, 2014.
- **Singh Dhananjay**, “W.B.Yeats” Unit 21 in *Understanding Poetry*. New Delhi: Indira Gandhi National Open University, 2014.
- **Singh Dhananjay**, “Ted Hughes” Unit 24 in *Understanding Poetry*. New Delhi: Indira Gandhi National Open University, 2014.
- **Singh Dhananjay**, “Seamus Heaney Unit 25 *Understanding Poetry*. New Delhi: Indira Gandhi National Open University, 2014.

### ***Centre for French and Francophone Studies (CF&FS)***

- **Karkun Abhijit**, Développement durable en Inde : Utilisation des enjeux (inter) culturels traditionnels (*Sustainable Development in India : Utilisation of Traditional (Inter) Cultural Stakes in La Médiation Interculturelle Représentations, mises en œuvre et développement des compétences, (Intercultural Mediation : Representation, Skill Development & Implementation*(Ed.) Pia Stalder and Annick Tonti, edited by Editions des archives contemporaines, Paris, 2014, ISBN 10: 2813001120 / ISBN 13: 9782813001122

### ***Centre of German Studies (CGS)***

- **Prakash Shambhavi**, Überlegungen zum Übersetzungsprozess, In: *Mehrsprachigkeit und multikulturelle Literatur / Multilingualism and Multicultural Literature.. / Krieglleder, Wynfrid; Patocka, Franz; Seidler, Andrea; Vlasta, Sandra; Paranjape, Manjiri*. Wien : Praesens Verlag, November, 2014.
- **Sahni Madhu**, “Gegensätze in Ingeborg Bachmanns *Der gute Gott von Manhattan*”. In: Shaswati Mazumdar, Madhu Sahni (eds), *Across Literary and Linguistic Diversities: Essays on Comparative Literature*. Goethe Society of India Yearbook 2014, Peter Lang, Oxford, November, 2014

### ***Centre of Indian Languages (CIL)***

- **Chandra Ram**, Dalit Sahitya Ki Avadharna Aur Swaroop, Dalit Sahitya Ki Avadharna Aur Swaroop, (ed. Vimal Thorat), IGNOU, New Delhi, June, 2014 (ISBN-978-81-266-6764-2)
- **Chandra Ram**, Dalit Sahitya Chintan Ka Vaicharik Aadhar, Dalit Sahitya Ki Avadharna Aur Swaroop, (ed. Vimal Thorat), IGNOU, New Delhi, June, 2014 (ISBN-978-81-266-6764-2)
- **Navin, Deo Shankar**, “Punarpath Ke Antarvirodh Aur Desh Ki Baat” (RP), *Bhaarat Ka Pahla Muktisangharsh*, Prakasha Sansthan, Delhi, 2014
- **Navin, Deo Shankar**, “Nirala Ka Kaha (Aalochna Ka Adrishya Paksh)”, Comp: Bharat Yayavar, Prakasha Sansthan
- **Navin, Deo Shankar**, “Anuvad Kee Bhartiya Parampara, Anuvad: Itihas Evam Parampara”, MTT-011, IGNOU
- **Navin, Deo Shankar**, “Bhartiya Anuvad Chintak, Anuvad Siddhant”, MTT-010, IGNOU
- **Navin, Deo Shankar**, “Pratilipyadhikari Ke Adhikaron Ka Samman, Anuvad Prashikhan”, MTT-021, IGNOU
- **Navin, Deo Shankar**, “Pratilipyadhilarmukta Path Ke Anuvad Ke Liye Vyavsayik Naitikta”, MTT-021, IGNOU
- **Navin, Deo Shankar**, “Srot Bhasha Aur Lakshya Bhasha: Shabdik Aur Sandarbhgat Arth”, MTT-021, IGNOU.

- **Meena Ganga Sahay**, Sahariya Adivasi Aur 'Saharana' Adivasi Sahitya Anv Sanskrit, Sole Author, Refereed, Swaraj Prakashan, New Delhi, 2014, ISBN/ISSN No. 978-93-83513-44-4
- **Meena Ganga Sahay**, Adivasi Sahitya Ki Aavdharana, Vanchit Sanvedana Ka Sahitya, Sole Author, Refereed, Akanksha Publishing House, New Delhi, 2014, ISBN/ISSN No., 978-81-8370-411-3
- **Meena Ganga Sahay**, Hindi Upanyason mei Rajasthan ke Adivasi, Adivasi Asimita: Prabhutva Aur Pratirodh, Sole Author, Refereed, Nai Kitab Publication, New Delhi, 2015, ISBN/ISSN No., 978-93-81997-51-2

### ***Centre for Linguistics (CL)***

- **Das, Pradeep Kumar**, Typological characteristics of Bahasa Indonesia: an overview of structural correlations, in 'India- Indonesia Bilateral Ties' edited by Gautam Jha, D.K. Publisher, Delhi. 2015
- **Manjali, Franson**, "Nationalism, Colonialism and Modern Linguistics," in Saitya B. Das (ed.) Politics and Religion. New Delhi: Aakar Books. 2014: 97-129.

### ***Centre for Japanese Studies (CJS)***

- **Chandra Janashruti**, Magic carpet to Japan, in Essays on the Arabian Nights, edited by Rizwanur Rahman and Syed Akhter Husain, Primus Books, Delhi, 2016 ISBN 978 93 84082 00 0, p-111-114

### ***Centre for Korean Studies (CKS)***

- **Raghavan, Vyjayanti**, "Cultural Aspects of India-Korea Relations", in Forty Years of India-Korea Relations: And looking Ahead, Rajat Kathuria & Sanjana Joshi (Eds.), New Delhi: Academic Foundation, 2014
- **Samajdar, Neerja**, "Spoken Korean Education & learning strategies", in Kim, Jong Chul, Kim Do Young & Raghavan, Vyjayanti (Ed.) Teaching and Learning strategy for Korean language education in India, Goyal Publishers, New Delhi, 2015. (Forthcoming)
- **Samajdar, Neerja**, "Korean language education in India", in Yoon Yeo Tak's The Encyclopedia of Korean Language Education, Hawoo publication House, Republic of Korea, 2014. ISBN 978-89-7699-977-1 91370.

### ***Centre of Russian Studies (CRS)***

- **Anand, Ashutosh**, "Proverb and Antiproverb", in Ali Küçükler and Hüseyin İçen (ed.) 'Studies on the Teaching of Asian Languages in the 21st Century', published by Cambridge Scholars Publishing, UK, 2014, pp. 23-27.
- **Roomi, Nasar Shakeel**, "1001 Nights. Its Perception in Russia" in Essays on the Arabian Nights ed. Rizwanur Rahman & Syed Akhtar Husain, Primus Books, Delhi. 2015, viii+140pp Royal 8vo Hardback ISBN 978-93-84082-00-0

### **Media Articles:**

#### ***Centre of Arabic and African Studies (CA&AS)***

- **Rahman Mujeebur**, Fauzu hizb ar-rajul al-aadi hal yumaththilu bidayata ahdin jadeed (Does the victory of Aam Admi party represent the dawn of a new era?) Al-Hayat Arabic Newspaper, Beirut, February 14, 2015
- **Rahman, Mujeebur**, Hal-attaddudiya al-hidndia fi khtar? (Indian pluralism in danger?), Al-Hayat, Beirut, February 19, 12, 2014
- **Rahman, Mujeebur**, Ladaina Iqbal kabeer ala taullum al-arabia fil hind wa la natalaqqqa ayya Daan min ayyati jiha arabiyya (Huge interest in learning Arabic in India without any support from any Arab agency) Al-tajdeed, Rabat, Morocco, 27 January, 2015

- **Rahman, Mujeebur**, Muslims have no time for such leaders, Hindustan Times, 4 November, 2014, editorial page
- **Rahman, Mujeebur**, Jai'zatu Nobel Lissslam 2014 hal tubashshiru bi-assalam fi shibhil qarra al-hindiyya (Does Noble Peace Prize 2014 augur peace for the Indian sub-continent) Al-Hayat Arabic Newspaper, Beirut, 21 October, 2014.
- **Rahman, Mujeebur** Tumuhath al Qaida fi shibhil qarra al hindiay lan tajida man yuhaqqiquha (Al-Qaida's ambitions will never materialize in the Indian subcontinent) Al-Hayat Arabic Newspaper, Beirut, 07 September, 2014.

### ***Centre for English Studies (CES)***

- **Bhaduri, Saugata**, "JNU is not just another university; it is a way of life"(interview by Anagha M.), *The Students*, Vol. 5, Issue 5, April, 2014, pp. 18-20, Bangalore
- **Bose, Brinda**, "The Outsider Within". Kindle Magazine, April, 2015
- **Bose, Brinda**, "Vigilantism: Left, Right and Wrong". Kindle magazine, February, 2014
- **Bose, Brinda**, (withPrasantaChakravarty). "Civility or Censoring?" Outlook Magazine, 27 October, 2014
- **Prasad G.J.V.**, Book reviews in The Book Review (2), and Outlook (1), and the New Indian Express (1). Interview in Foretell.

### ***Centre of Indian Languages (CIL)***

- **Choubey Devendra**, "Epilogue", (Translated Creative Article/Short Story by Dr. Khushi Patnayak), Indian Literature by Sahitya Akademi, Delhi, January – February, 2015
- **Choubey Devendra**, "Itihas Ki Takat Hai Smritiyan Aour Janshrutuyan", Prabhat Khabar, Frant Page Article, Patna, 23 March, 2015
- **Choubey Devendra**, "Aatmsamman Ka Itihas Hamesha Adhura Raha Hai", (Interview), Rastriya Sahara, Patna, 12 November, 2014
- **Choubey Devendra**, "Kya 'Bahujan' Sirf Jatiyon Par Aadharit Honge?", Forward Press, May, 2014
- **Navin Deo Shankar**, Navin, Deo Shankar, 'Vidroh Ki Chetna', Jansatta, 4 May, 2014
- **Navin Deo Shankar**, 'Mithak Ka Samyik Sandarbh', Jansatta, 24 August, 2014
- **Meena Ganga Sahay**, Adivasi Sahitya ki Pruthbhumi, Live India, May, 2014
- **Meena Ganga Sahay**, Adivasi Sahitya ki Parampara, Jansatta Ravivari, 4 May, 2014
- **Meena Ganga Sahay**, Adivasi Asimita ki Raksha ka Sawal, Prajatanra Live, 2 June, 2014
- **Meena Ganga Sahay**, Jaati aur Dharm ki Rajneeti, Jansatta, 29 June, 2014
- **Meena Ganga Sahay**, Samuhik Anubhuti ka Sanwar, Jansatta Ravivari, 6 July, 2014
- **Meena Ganga Sahay**, Aadivaasi Samaaj aur Unka Sahitya, Prajatantra Live, 20 July, 2014
- **Meena Ganga Sahay**, Premchand Sahitya mei Adivasi, Jansatta, 10 August, 2014
- **Meena Ganga Sahay**, Siyasat ka Aujar Bandi Bhashayein, Live India, September, 2014
- **Meena Ganga Sahay**, Aakrosh aur Pratishodh ki Bhasha Badi Cheej Nahi, Jansatta, 26 October, 2014
- **Meena Ganga Sahay**, Eksamvaad Dharmi Krantikaari Sant ka Jana, Jansatta, 14 February, 2014
- **Meena Ganga Sahay**, Vaikalpik Rajniti Banam Rajnitik Vikalp, Prajatanra, 14 April, 2014

### ***Centre for Linguistics (CL)***

- **Kidwai, Ayesha**, "What a truly controversial film on rape and rape culture in India could be like": A review of India's Daughter. Published, 6 March, 2015 at [www.bargad.org](http://www.bargad.org).
- **Kidwai, Ayesha**, "If you can't join 'em, beat 'em", 6 April 2014, available at [www.feministsindia.com](http://www.feministsindia.com).

### ***Centre of Russian Studies (CRS)***

- **Verma, Kiran Singh**, A story "Zhereniyam ka phool" by the Russian writer Victoria Tokareva translated from Russian into Hindi, Outlook, 1-15 January 2015, New Delhi, pgs 90-93.

- **Verma, Kiran Singh**, 'Ek Naye Padhosi Rishte ki Aas', Article, Outlook, 16-31 January, New Delhi, pg 43.

## School of Life Sciences

### Journal Articles

- Khandelwal N, **Abraham S.K.**, “Protective effects of common anthocyanidins against genotoxic damage induced by chemotherapeutic drugs in mice,” *Planta Med.* 80: 1278-1283, (2014)
- Khandelwal N, **Abraham S.K.**, “Intake of anthocyanidins pelargonidin and cyanidin reduces genotoxic stress in mice induced by diepoxybutane, urethane and endogenous nitrosation”, *Environ, Toxicol. Pharmacol.* 37: 837-843, (2014)
- Pandita, A., Manvati, S., Singh, S. K., Vaishnavi, S., and **Bamezai, R. N.**, “Combined effect of microRNA, nutraceuticals and drug on pancreatic cancer cell lines”, *Chemico - Biological Interactions* 25;233:56-64, (2015)
- Kalaiarasan, P., Kumar, B., Chopra, R., Gupta, V., Subbarao, N., and **Bamezai, R. N.**, “In Silico Screening, Genotyping, Molecular Dynamics Simulation and Activity Studies of SNPs in Pyruvate Kinase M2”, *PLoS One* 10, e0120469, 2015
- Srivastava, A. K., Chopra, R., Ali, S., Aggarwal, S., Vig, L., and **Bamezai, R. N.**, “Inferring population structure and relationship using minimal independent evolutionary markers in Y-chromosome: a hybrid approach of recursive feature selection for hierarchical clustering”, *Nucleic Acids Research* 42, e122, (2014)
- Singh, R. K., Srivastava, A., Kalaiarasan, P., Manvati, S., Chopra, R., and **Bamezai, R. N.**, “mtDNA germ line variation mediated ROS generates retrograde signaling and induces pro-cancerous metabolic features”, *Scientific Reports* 4, 6571, (2014)
- Pandita, A., Kumar, B., Manvati, S., Vaishnavi, S., Singh, S. K., and **Bamezai, R. N.**, “Synergistic combination of gemcitabine and dietary molecule induces apoptosis in pancreatic cancer cells and down regulates PKM2 expression”, *PLoS One* 9, e107154, (2014)
- Nafis, S., Kalaiarasan, P., Brojen Singh, R. K., Husain, M., and **Bamezai, R. N.**, “Apoptosis regulatory protein-protein interaction demonstrates hierarchical scale-free fractal network”, *Briefings in Bioinformatics*, 24 September, 2014, pii: bbu036
- Manvati, S., Mangalhari, K. C., Kalaiarasan, P., Srivastava, N., Kumar, B., and **Bamezai, R. N.**, “MiR-101 induces senescence and prevents apoptosis in the background of DNA damage in MCF7 cells”, *PLoS One* 9, e111177, (2014)
- Kalaiarasan, P., Subbarao, N., and **Bamezai, R. N.**, “Molecular simulation of Tyr105 phosphorylated pyruvate kinase M2 to understand its structure and dynamics,” *Journal of Molecular Modeling* 20(9):2447, 2014
- Jena, M., Srivastava, A. K., Singh, R. K., Sharma, P. R., Das, P. K., and **Bamezai, R. N.**, “NOS2A promoter (CCTTT)n association with TB lacks independent functional correlation amongst Indians”, *Tuberculosis* 94, 81-86, 2014
- Iqbal, M. A., Siddiqui, F. A., Chaman, N., Gupta, V., Kumar, B., Gopinath, P., and **Bamezai, R. N.**, “Missense mutations in pyruvate kinase M2 promote cancer metabolism, oxidative endurance, anchorage independence, and tumor growth in a dominant negative manner”, *The Journal of Biological Chemistry* 289, 8098-8105, (2014)
- Iqbal, M. A., Gupta, V., Gopinath, P., Mazurek, S., and **Bamezai, R. N.**, “Pyruvate kinase M2 and cancer: an updated assessment”, *FEBS letters* 588, 2685-2692, (2014)
- Ralston KS, Solga MD, Mackey-Lawrence NM, Somlata, **Bhattacharya A**, Petri WA Jr. “Troglodytosis by *Entamoeba histolytica* contributes to cell killing and tissue invasion”. *Nature*, 2014 April 24;508 (7497):526-30. doi: 10.1038/nature13242. (Epub), 9 April, 2014.
- Mazumder M, Padhan N, **Bhattacharya A**, Gourinath S., “Prediction and analysis of canonical EF hand loop and qualitative estimation of Ca<sup>2+</sup> binding affinity”. *PLoS One*. 2014 April 23;9(4):e96202. doi: 10.1371/journal.pone.0096202. eCollection (2014).
- Ojha S, Ahamad J, **Bhattacharya A**, Bhattacharya S., “Ribosomal RNA and protein transcripts persist in the cysts of *Entamoeba invadens*”. *Mol Biochem Parasitol*. 2014 June; 195(1):6-9. doi: 10.1016/j.molbiopara. 2014.05.003.
- Biswal DK, Chatterjee A, **Bhattacharya A**, Tandon V. Peer J., “The mitochondrial genome of *Paragonimus westermani* (Kerbert, 1878), the Indian isolate of the lung fluke representative of the family Paragonimidae (Trematoda)”. 2014 August 12;2:e484. doi: 10.7717/peerj.484. eCollection. (2014).
- Mansuri MS, Bhattacharya S, **Bhattacharya A.**, “A novel alpha kinase EhAK1 phosphorylates actin and regulates phagocytosis in *Entamoeba histolytica*”. *PLoS Pathog.* 2014 October 9;10(10):e1004411. doi: 10.1371/journal.ppat. 1004411. eCollection Oct. (2014).

- Saha, Arpita, Bhattacharya, Sudha, **Bhattacharya Alok**, “Regulation of serum responsive transmembrane kinase EhTMKB1-9 by an unsaturated lipid, oleic acid in protistan parasite *Entamoebahistolytica*”. *Mol. Biochem. Parasitol.* 2014 December, 10;198(1):48-57. doi: 10.1016/j.molbiopara.2014.12.001. [Epub ahead of print] PubMed PMID:25497959.
- Kumar Sanjeev, Aslam Saima, Mazumder Mohit, Dahiya Pradeep, Murmu Aruna, Manjasetty Babu A, Zaidi Rana, **Bhattacharya Alok**, Gourinath Samudrala. “Crystal structure of calcium binding protein EhCaBP5 from *Entamoebahistolytica* and its involvement in initiation of phagocytosis of human erythrocytes”. *PLoS Pathogens.* 2014 December 11;10 (12):e1004532. doi:10.1371/journal.ppat.1004532. eCollection 2014 December PubMed PMID: 25502654; PubMed Central PMCID: PMC4263763.
- D Bhattacharyya, G Prabu, R Kishore Kumar, N Kushwaha, V K Sharma, Mohd A Yusuf and **Chakraborty S.**, “A geminivirus betasatellite damages structural and functional integrity of chloroplasts leading to symptom formation and inhibition of photosynthesis”, *Journal of Experimental Botany*, (DOI: doi: 10.1093/jxb/erv299), 2015
- B George, C M Alam, R Vinoth Kumar, P Gnanasekaran, **Chakraborty S.**, “Potential linkage between compound microsatellites and recombination in geminiviruses: evidence from comparative analysis”, *Virology* 482:41-50, (2015)
- N Kushwaha, PP Sahu, M Prasad, **Chakraborty S.**, “Chilli leaf curl virus infection highlights the differential expression of genes involved in protein homeostasis and defense in resistant chilli plants”. *Applied Microbiology and Biotechnology* 99 (11): 4757-4770, (2015)
- V K Sharma, S Basu, **Chakraborty S.**, “RNAi mediated broad spectrum transgenic resistance to chilli-infecting begomoviruses”, *Plant Cell Reports* (DOI 10.1007/s00299-015-1795-8), (2015)
- N Kushwaha, A K Singh, S Basu, **Chakraborty S.**, “Differential response of diverse solanaceous hosts to Tomato leaf curl New Delhi virus infection indicates coordinated action of NBS-LRR and RNAi-mediated host defense”. *Achieves of Virology* (DOI 10.1007/s00705-015-2399-x), (2015)
- B George, R Ruhel, M Mazumdar, VK Sharma, SK Jain, S Gourinath and **Chakraborty S.**, “Mutational analysis of the helicase domain of a replication initiator protein reveals critical roles of Lys 272 of B' motif and Lys 289 of  $\beta$ -hairpin loop in geminivirus replication”. *Journal of General Virology*, 95(7):1591-602, 2014
- Biju George, Prabu Gnanasekaran, S. K. Jain and **Chakraborty S.**, “Genome wide survey and analysis of small repetitive sequences in caulimoviruses”. *Infection Genetics and Evolution*, 27:15-24, 2014
- Kailash Prasad Prajapati, Pratishtha Singh, K. Muralidhar and **Cowsik Sudha M**, “Structure and in silico interaction study of buffalo Prolactin”, South Asian Biotechnology Conference, 12 – 14 February, 2015
- Pratishtha Singh, Pulak Kumar, **Cowsik Sudha M**, and K. Muralidhar, “Bioinformatics studies on the Buffalo prolactin derived anti angiogenic peptide”, South Asian Biotechnology Conference, 12 – 14 February, 2015
- Pratishtha Singh, Allyn Howlett and **Cowsik Sudha M**, ‘Structural investigation of CRIP1b and its interaction with Cannabinoid Receptor 1 using a computational approach’ International Conference on Bioinformatics (InCoB), Sydney Australia, 31 July – 3 August, 2014
- Anjali D. Ganjiwale and **Cowsik Sudha M.**, “Membrane Induced Structure of Novel Human Tachykinin Hemokinin-1 (*hHK1*)”, International Biophysics Congress, Brisbane, Australia, 3 – 7 August, 2014
- Anjali D. Ganjiwale, Priyanka Mishra and **Cowsik Sudha M**, “Molecular recognition of novel Neurokinin-1 receptor agonist-Hemokinin, insight from Structural Studies”, international conference on “Magnetic Resonance in Biological Systems”, Dallas, USA, 24 – 29 August, 2014
- Pratishtha Singh, Allyn Howlett and **Cowsik Sudha M**, “Ab initio modeling and interaction analysis of Cannabinoid receptor interacting protein CRIP1”, international conference on “Magnetic Resonance in Biological Systems”, Dallas, USA, 24 – 29 August, 2014
- Rashmi Jha, Priyanka Mishra, Ranjeet Kumar, Abbas Ali Mahdi, Shivani Pandey, Najma Z Baquer and **Cowsik Sudha M.**, “Therapeutic potential of  $17\beta$  Estradiol with Tachykinin Neuropeptide NKB and A $\beta$  (25- 35) on Na<sup>+</sup>-K<sup>+</sup> ATPase in aging female rat brain”. *Advances in Aging Research*, 4 (2) : 19-27 (2015)
- Rashmi Jha, Ranjeet Kumar, Priyanka Mishra, Abbas Ali Mahdi, Shivani Pandey, Najma Z Baquer and **Cowsik Sudha M.**, “Effect of  $17\beta$  estradiol in hippocampus region of aging female rat brain: Ultrastructural Study”. *American Journal of Experimental and Clinical Research*, 2(1): 83-86 (2015)
- Rashmi Jha, Abbas Ali Mahdi, Shivani Pandey, Najma Z Baquer and **Cowsik Sudha M.**, “Age-related changes in membrane fluidity and fluorescence intensity by tachykinin neuropeptide NKB and

- A $\beta$  (25-35) with 17 $\beta$  estradiol in female rat brain (25-30)". *American Journal of Experimental and Clinical Research*, 1(2) : 25-30 (2014)
- Pratishtha, Allyn Howlett and **Cowsik Sudha M.**, "Structural Analysis of CRIP1a by in Silico Approaches". *Biophysical Journal*, 106 (2): 208a (2014)
  - Anjali D. Ganjiwale, Priyanka Mishra, Deepak Bhatnagar and **Cowsik Sudha M.**, "Structural Insights into Human Hemokinin1 -NK1Receptor Interactions", *Biophysical Journal*, 106 (2): 296a (2014)
  - Sanjeev Kumar, Saima Aslam, Mohit Mazumder, Pradeep Dahiya, Aruna Murmu, Babu A. Manjasetty, Rana Zaidi, Alok Bhattacharya and **Gourinath S.**, "Crystal Structure of Calcium Binding Protein-5 from *Entamoeba histolytica* and its involvement in initiation of phagocytosis of human erythrocytes", *PLoS Pathogens*, 10(12):e1004532.
  - Tarique KF, Rehman SAA, Betzel Ch and **Gourinath S.**, "Structure-based identification of inositol polyphosphate 1 - phosphatase from *Entamoeba histolytica*". *Acta Cryst D70*, 3023-33, (2014)
  - Singh RK, Raj I, Pujari R, **Gourinath S.**, "Crystal Structures and Kinetics of Type III 3-phosphoglycerate dehydrogenase reveal Catalysis by Lysine". *FEBS J.* 281(24):5498-512, (2014)
  - Das U, Pogenberg V, Subhramanyam UKT, Wilmanns M, **Gourinath S.**, A Srinivasanm, "Crystal structure of the VapBC-15 complex from Mycobacterium tuberculosis reveals a two-metal ion dependent PIN-domain ribonuclease and a variable mode of toxin-antitoxin assembly". *J. Structural Biology.* 188: 249-258, (2014)
  - Kumar N, Somlata, Mazumder M, Dutta P, Maiti S, and **Gourinath S.**, "EhCoactosin stabilizes actin filaments in the protist parasite *Entamoeba histolytica*". *PLoS Pathogens.* 10(9):e1004362, (2014)
  - Tarique FA., Abdulrehman, S. A, and **Gourinath S.**, "Structural elucidation of a dual active PAP Phosphatase1 of *Entamoeba histolytica*: capable of hydrolysing both 3'adenosine5'-phosphate and inositol 1,4-bisphosphate". *Acta. Crystallogr, D* 70 :2019-31, (2014)
  - Kumar S, Kumar N, Alam N and **Gourinath S.**, "Crystal structure of serine acetyl transferase from *Brucella abortus* and its complex with coenzyme A". *Biochim Biophys Acta.* 1844(10):1741-1748, (2014)
  - Mazumder M, Padhan N, Bhattacharya A and **Gourinath S.**, "Prediction and analysis of canonical EF hand loop and qualitative estimation of Ca<sup>2+</sup> binding affinity", *PLoS One*, 9(4):e96202, (2014)
  - George B, Ruhel R, Mazumdar M, Sharma VK, Jain SK, **Gourinath S.**, Chakraborty S., "Mutational analysis of the helicase domain of a replication initiator protein reveals critical roles of Lys 272 of B' motif and Lys 289 of  $\beta$ -hairpin loop in geminivirus replication". *J Gen Virol.* 95 :1591-602, (2014)
  - Verma S, Kumar S, Gupta VP, **Gourinath S.**, Bhatnagar S, Bhatnagar R., "Structural basis of *Bacillus anthracis* MoxXT disruption and the modulation of MoxT ribonuclease activity by rationally designed peptides". *J Biomol Struct Dyn.* Mar 21. [Epub ahead of print] (2014)
  - Singh, N. K, Hasan SS, Kumar J, Raj I, Pathan AA, Parmar A, Shakil S, **Gourinath S.**, Madamwar D., "Crystal Structure and Interaction of Phycocyanin with  $\beta$ -Secretase: A Putative Therapy for Alzheimer's Disease". *CNS Neurol Disord Drug Targets.* 13:691-698, (2014)
  - Jain BP, Chauhan P, Tanti GK, Singarapu N, Ghaskadbi S, **Goswami S K.**, "Tissue specific expression of SG2NA is regulated by differential splicing, RNA editing and differential polyadenylation". *Gene*, 10 February, 2015; 556 (2):119-26
  - Tanti GK, **Goswami S K.**, "SG2NA recruits DJ-1 and Akt into the mitochondria and membrane to protect cells from oxidative damage". *Free Radic Biol Med*, October, 2014; 75:1-13.
  - Sangeeta Soni, Chetna Tyagi, Abhinav Grover and **Goswami S K.**, "Molecular modeling and molecular dynamics simulations based structural analysis of the SG2NA protein variants", *BMC Research Notes*, 11 July, 2014;7:446.
  - Kant D, Tripathi<sup>I</sup> S, Qureshi MF, Tripathi<sup>II</sup> S, Pandey S, Singh G, Kumar T, Mir FA, and **Jha SK**, "The effect of glial glutamine synthetase inhibition on recognition and temporal memories in the rat", *Neurosci. Lett.* 560, 98– 102, 2014
  - Qureshi MF and **Jha SK**, "Proton Pump Inhibition Increases Rapid Eye Movement Sleep in the Rat", *BioMed Res. Internl.*, Article ID 162314, 1-8, 2014
  - M. H. Fulekar and **Kale R K.**, "Recent Trends in Life Sciences", I. K. International Publishing House Pvt. Ltd., New Delhi. ISBN 978-93-82332-25-1, (2014)
  - Fulekar M H and **Kale R K.**, "Sustainable development", In Recent Trends in Life Sciences, M H Fulekar and R K Kale (editors). I. K. International Publishing House Pvt. Ltd., New Delhi. ISBN 978-93-82332-25-1. Pp 39-48, (2014)
  - Shrikant S. Maktedar, Shantilal S Mehetre, Man Singh and **Kale R K.**, "Ultrasound irradiation: A robust approach for direct functionalization of graphene oxide with thermal and antimicrobial aspects," *Ultrasonic Sonochemistry*, Volume 21, Issue 4, pp. 1407-1406, (2014)

- Jhala DV, **Kale R K.**, Singh RP. "Microgravity alters cancer growth and progression", *Curr Cancer Drug Targets*. 2014 May; 14(4):394-406.
- Singh RP, Thangaraj K, **Kale R K.**, "Mitochondria in health and disease Mitochondrion", 2014 May; 16:1. doi: 10.1016/j.mito.2014.03.009.
- Rakesh Kumar Ameta, Man Singh, B. S. Kitawat, **Kale R K.**, "An Interaction Study of Chloro and Alkyl Substituted Benzylamine with DPPH through UV Spectrophotometric and Physicochemical Methods at T = (298.15, 303.15 and 308.15) K". *Journal of Materials Science and Chemical Engineering*, 2014, 2, 43-51.
- Rathore, B. S. Bhatt, B. K. Yadav, **Kale R K.**, AK Singh, "A New Begomovirus Species in Association with Betasatellite Causing Tomato Leaf Curl Disease in Gandhinagar, India", *Plant Disease*, 98 (3), 428, (2014)
- Singh N, Tailor D, **Kale R K.**, Singh RP., "Antioxidant phytochemicals in cancer chemoprevention", in *Phytochemicals of Nutraceutical Importance and their Role in Human Health*. Eds.Sharma G., Prakash D. CABI-UK publication, pp. 229-47, 2014
- Prajapati V, **Kale R K.**, Singh RP., "Silibinin combination with arsenic strongly inhibits survival and invasiveness of human prostate carcinoma cells", *Nutrition and Cancer*, 67:647-58, (2015)
- Pawar K, Yadav A, Prasher P, Mishra S, Singh B, Singh P and **Komath SS\***. "Identification of an indole-triazole-amino acid conjugate as highly effective antifungal agent". *Journal Article Med. Chem. Commun*, Accepted Manuscript doi: 10.1039/C5MD00156K, 2015
- Ahmad MF, Mann PG and **Komath SS\***, "A Signal with a Difference: The role of GPI anchor signal sequence in dictating conformation and function of the Als5 adhesin in *Candida albicans*". *Adv. Exp. Med. Biol.* 842:147-163. doi: 10.1007/978-3-319-11280-0\_10. (Invited article), 2015
- Anshuman, Singh SL, Yadav B and **Komath SS\***, "*Saccharomyces cerevisiae* Gpi2, an accessory subunit of the enzyme catalyzing the first step of glycosylphosphatidylinositol (GPI) anchor biosynthesis, selectively complements some of the functions of its homolog in *Candida albicans*". *Glycoconj. J.* 31(6-7):497-507. doi: 10.1007/s10719-014-9536-8. (Invited article), 2014
- Shah AH, Rawal MK, Dhamgaye S, **Komath SS**, Saxena AK, and Prasad R. 2015. Mutational Analysis of Intracellular Loops Identify Cross Talk with Nucleotide Binding Domains of Yeast ABC Transporter Cdr1p. *Sci. Rep.* 5:11211. doi: 10.1038/srep11211.
- Abdul H Shah, Atanu Banerjee, Manpreet K Rawal, Ajay K Saxena, **Mondal Alok K.**, Rajendra Prasad, "ABC transporter Cdr1p harbors a critical acid/base pair between the intracellular loop and nucleotide-binding domain important for protein trafficking". *FEMS Yeast Res.* 2015. pii: fov036
- Bari VK, Sharma S, Alfatah M, **Mondal Alok K.**, and Ganesan K. "Plasma membrane proteolipid 3 protein modulates Amphotericin B resistance through sphingolipid biosynthetic pathway", 2015, *Scientific Reports (Nature)*, 5, 9685
- Defosse TD, Sharma A, **Mondal Alok K.**, de Bernonville TD, Latgé JP, Calderone R, Courdavault V, Clastre M, Papon N., "Hybrid histidine kinases in pathogenic fungi". *Molecular Microbiology*, 2015, 95(6), 914–924
- Kaur H, Singh S, Rathore Y. S, Sharma A, Furukawa K, Hohmann S, Ashish and **Mondal Alok K.**, "Differential Role of HAMP-like Linkers in Regulating the Functionality of the Group III Histidine Kinase DhNik1p". *J Biol Chem*, 2014, 289, 20245–20258
- Singh AK, Pandey RK, Siqueira-Neto JL, Kwon YJ, Freitas-Junior LH, Shaha C , **Madhubala R.**, "A proteomic based approach to gain insight into reprogramming of THP-1 cells exposed to *Leishmania donovani* over an early temporal window". *Infect Immun*. pii: IAI.02833-14. [Epub ahead of print] 2015
- Nimisha Mittal, Marie Morada, Pankaj Tripathi, V S Gowri, Swati Mandal, Alison Quirch, MyungHee Park, Nigel Yarett, **Madhubala R.**, "*Cryptosporidium parvum* has an active Hypusine Biosynthesis Pathway". *Mol Biochem Parasitol.* 195(1):14-22, 2014
- Bhavana Sethu Lakshmi, Ruobing Wang and **Madhubala R.**, "*Leishmania* Genome Analysis and High-throughput Immunological Screening identifies Tuzin as a Novel Vaccine Candidate against Visceral Leishmaniasis". *Vaccine.* 32(30):3816-22, 2014
- Reetika Manhas, Pankaj Tripathi, Sameena Khan, Bhavana Sethu Lakshmi, Shambhu Krishan Lal, Venkatraman Subramanian Gowri, Amit Sharma, **Madhubala R.**, "Identification and functional characterization of a novel bacterial type asparagine synthetase A: A tRNA synthetase paralog from *Leishmania donovani*," *J Biol Chem*, 289(17):12096-108, 2014

- Alok Kumar Singh, Sigrid Roberts, Buddy Ullman<sup>3</sup> and **Madhubala R.**, “A Quantitative Proteomics Screen to Identify Potential Drug Resistance Mechanism in  $\alpha$ -Difluoromethylornithine (DFMO) Resistant *Leishmania donovani*,” *Journal of Proteomics* 6(102): 44-59. 2014
- Reetika Manhas, Sneha Anand, Pankaj Tripathi and **Madhubala R.**, “Deletion of vitamin c biosynthesis enzyme, Arabino-1, 4-Lactone Oxidase in *Leishmania donovani* results in increased pro-inflammatory responses from host immune cells.” *Molecular Microbiology* 91(6):1227-39, 2014
- Ranjan, A., Behari, J. and **Mallick, B. N.**, “Cytomorphometric changes in hippocampal CA1 neurons exposed to simulated microgravity using rats as model”, *Front, Neurol, (Sleep and Chronobiol.)* 20 May, 2014; 5:77. doi: 10.3389/fneur.2014.00077. eCollection
- Choudhary, R. C., Khanday, M. A., Mitra, A. and **Mallick, B. N.**, “Perifornical orexinergic neurons modulate REM sleep by influencing locus coeruleus neurons in rats”, *Neuroscience*, 279 (2014) 33-43
- Sharma, S. K., Katoch, V. M., Kadiravan A. M., Elavarasi, A., Ragesh R, Nischal, N., Sethi, P., Behera, D., Bhatia, M., Ghoshal, A., Gothi, D., Joshi, J., Kanwar, M.S., Kharbanda, O.P., Kumar, S., Mohapatra, P.R., **Mallick, B.N.**, Mehta, R., Prasad, R., Sharma, S. C., Shukla, G., Suri, J. C., Vengamma, B., Grover, A., Vijayan, V. K., Ramakrishnan, N., Gupta, R. “Consensus and Evidence-Based INOSA Guidelines 2014 (First Edition)”, *Ind. J. Med. Res.* 140 (2014) 451-468.
- Singh, A. and **Mallick, B. N.**, “Targeting modulation of noradrenalin release in the brain for amelioration of REMS-loss associated effects,” *J Transl. Intern. Med.*, 3 (2015) 8-16.
- Mehta, R., Khanday, M. A. and **Mallick, B. N.**, “REM sleep loss associated changes in orexin-A levels in discrete brain areas in rats”, *Neurosci. Lett.*, 590 (2015) 62-67.
- Ansari MF, Siddiqui SM, Agarwal SM, Vikramdeo KS, **Mondal Neelima**, Azam A. “Metronidazole hydrazone conjugates: Design, synthesis, antiamebic and molecular docking studies.” *Bioorg Med Chem Lett*, 1 September, 2015;25(17):3545-9. doi 10.1016/j.bmcl.2015.06.091
- Hu Y, Wang C, Huang K, Xia F, Parvin JD, **Mondal Neelima**, “Regulation of 53BP1 protein stability by RNF8 and RNF168 is important for efficient DNA double-strand break repair.” *PLoS One*, 22 October, 2014; 9(10):e110522. doi: 10.1371/journal.pone.0110522. eCollection 2014.
- Pooja, Prasher P, Singh P, Pawar K, Vikramdeo KS, **Mondal Neelima**, Komath SS. “Synthesis of amino acid appended indoles: appreciable anti-fungal activity and inhibition of ergosterol biosynthesis as their probable mode of action”. *Eur J Med Chem*, 10 June, 2014; 80:325-39. doi: 10.1016/j.ejmech.2014.04.063.
- Saint, M\*, Sawhney, S\*, Sinha, I, Singh R.P., Thakur, A., Siddharthan, R. and **Natarajan K.**, “TAF9 C-terminal domain is required for SAGA and TFIID promoter occupancy to promote transcriptional activation”, *Molecular and cellular Biology* 34, 1547-1563, (2014)
- Natarajan, V.T., Ganju, P., Singh, A., Vijayan, V., Kirty, K., Yadav, S., Puntambekar, S., Bajaj, S., Dani, P., Kar, H.K., Gadgil, C.J., **Natarajan, K.**, Rani, R. and Gokhale, R.S., “IFN- $\gamma$  signaling maintains skin pigmentation homeostasis through regulation of melanosome Maturation”. *Proc. Natl. Acad. Sci. (USA)* 111, 2301-2306, (2014)
- Banday ZZ and **Nandi A.K.**, “Interconnection between flowering time control and activation of systemic acquired resistance”, *Frontiers in Plant Science*, 6:174 doi: 10.3389/fpls.2015.00174, (2015)
- Swain S, Singh N, and **Nandi A.K.**, “Identification of plant defence regulators through transcriptional profiling of *Arabidopsis thaliana* *cdd1* mutant”, *J Biosci*, 40:137-176, (2015)
- Singh V, Banday ZZ, and **Nandi A.K.**, “Exogenous application of histone demethylase inhibitor trans-2-phenylcyclopropylamine mimics FLD loss-of-function phenotype in terms of systemic acquired resistance in *Arabidopsis thaliana*”. *Plant Signal Behav* 9, e29658, (2014)
- Singh V, Roy S, Singh D, **Nandi A.K.**, “*Arabidopsis* flowering locus D influences systemic-acquired-resistance- induced expression and histone modifications of WRKY genes”. *J Biosci*, 39:119-26, (2014)
- Giri MK, Swain S, Gautam JK, Singh S, Singh N, Bhattacharjee L **Nandi A.K.**, “The *Arabidopsis thaliana* At4g13040 gene, a unique member of the AP2/EREBP family, is a positive regulator for salicylic acid accumulation and basal defense against bacterial pathogens”, *J Plant Physiol*, 171:860-7, (2014)
- Meena NK, Ahuja V, Meena K, **Paul J.**, “Association of TLR5 Gene Polymorphisms in Ulcerative Colitis Patients of North India and Their Role in Cytokine Homeostasis”, *PLoS ONE*, 10(3): e0120697. doi:10.1371/ journal.pone.0120697, (2015)
- Reena K, Verma N, Verma AK, Vineet Ahuja V and **Paul J.**, “Diversity and abundance of lactobacilli during ulcerative colitis in North Indian patients: a case control study”, *Jr.Clinical Microbiol & Case Reports* Volume 1 • Issue 1 • 003 pp. 1-10 www.scientonline.org, (2015)

- Nath J, Banyal N, Gautam DS, Ghosh SK, Singha B and **Paul J.**, “Systematic detection and association of Entamoeba species in stool samples from selected sites in India”, *Epidemiol Infect.* 143(1):108-19. doi: 10.1017/S0950268814000715 (2015)
- Majumdar I and **Paul J.**, “The deubiquitinase A20 in immunopathology of autoimmune diseases”. *Autoimmunity* DOI: 10.3109/08916934.2014. 900756, (2014)
- Iyer LR, Nishant Singh, Anil Kumar Verma and **Paul J.**, “Differential Expression and Immunolocalization of Antioxidant Enzymes in *Entamoeba histolytica* Isolates during Metronidazole Stress”, *BioMed Research International* ID 704937, <http://dx.doi.org/10.1155/2014/704937>, (2014)
- Verma AK, Vineet Ahuja, and **Paul J.**, “The Trend in Distribution of Q223R Mutation of Leptin Receptor Gene in Amoebic Liver Abscess Patients from North India: A Prospective Study”. *BioMed Research International* ID 847132, <http://dx.doi.org/10.1155/2014/847132>, (2014)
- Verma N, Verma R, Kumari R, Ranja R and **Paul J.**, “Effect of salicin on gut inflammation and selected groups of microbiota in dextran Sodium sulphate induced mouse model of colitis”, *Inflamm. Research* 61;161-169, (2014)
- Das P, Nutan KK, Singla-Pareek SL, **Pareek A.**, “Oxidative environment and redox homeostasis in plants: dissecting out significant contribution of major cellular organelles”. *Front. Environ. Sci.*, 2015, 2:70.
- Lakra Nita, Nutan K, Das P, Anwar, K, Singla-Pareek SL and **Pareek A.**, “A nuclear-localized histone-gene binding protein from rice OsHBP1b functions in salinity and drought stress tolerance by maintaining chlorophyll content and improving the antioxidant machinery”. *J Plant Physiol.*, 2014, 176:36-46.
- Ghosh A, **Pareek A**, Sopory S, Singla-Pareek SL, “A glutathione responsive rice glyoxalase II, OsGLYII-2, functions in salinity adaptation by maintaining better photosynthesis efficiency and antioxidant pool”. *The Plant J.*, Jul 19, 2014.
- Mustafiz A, Ghosh A, Tripathi AK, Kaur C, Ganguly AK, Bhavesh NS, Tripathi JK, **Pareek A**, Sopory SK and Singla-Pareek SL. “A unique Ni<sup>2+</sup>-dependent and methylglyoxal-inducible rice glyoxalase I possess a single active site and functions in abiotic stress response”. *The Plant J.*, 2014, 786: 951-63.
- Kaur C, Ghosh A, **Pareek A**, Sopory SK and Singla-Pareek SL, “Glyoxalases and stress tolerance in plants”, *Biochem. Soc. Trans.*, 2014, 42: 485-490.
- Kushwaha H R, Singla-Pareek SL and **Pareek A**, “Putative osmosensor - OsHK3b – a histidine kinase protein from rice show high structural conservation with its ortholog AtHK1 from Arabidopsis”. *J. Biomol. Struct. Dyn.*, 2014, July 22 Epub ahead of print.
- Mokany, K. **Prasad, S.**, Westcott, D.A., “Impacts and management responses to climate change in tropical forests depend on complex frugivorous seed dispersal”. *Global Ecology and Biogeography*, 2015
- Mokany, K., **Prasad, S.**, Westcott, D.A., “Loss of seed dispersal services under climate change”. *Nature Communications* 5, 2014
- Shah AH, Singh A, Dhamgaye S, Chauhan N, Vandeputte P, Suneetha KJ, Kaur R, Mukherjee PK, Chandra J, Ghannoum MA, Sanglard D, Goswami SK, **Prasad Rajendra**, “Novel role of a family of major facilitator transporters in biofilm development and virulence of *Candida albicans*”. *Biochem. J.* (2014) 460 (223–235)
- Shweta Nim, Manpreet K. Rawal and **Prasad Rajendra**, “FK520 interacts with the discrete intrahelical amino acids of multidrug transporter Cdr1 protein and acts as antagonist to selectively chemosensitize azole-resistant clinical isolates of *Candida albicans*”, 14, 624–632, 2014. Editor’s Choice paper of month
- Sanjiveeni Dhamgaye, Frédéric Devaux, Patrick Vandeputte, Nitesh Kumar Khandelwal, Dominique Sanglard, Gauranga Mukhopadhyay and **Prasad Rajendra**, “Molecular mechanisms of action of herbal antifungal alkaloid berberine, in *Candida albicans*”, *PLOS ONE*, 2014
- **Prasad Rajendra**, and Manpreet Kaur Rawal, “Efflux pump proteins in clinical drug resistance”, *Frontiers in Pharmacology*, August, 2014
- Kaushal Kumar Mahto<sup>1,2,3</sup>, Ashutosh Singh<sup>1</sup>, Nitesh Kumar Khandelwal<sup>1</sup>, Nitin Bhardwaj<sup>1</sup> and **Prasad Rajendra**,<sup>1\*</sup>, “An assessment of growth media enrichment on lipid metabolome and the concurrent phenotypic properties of *Candida albicans*”, *PLOS ONE* 25 November, 2014; 9(11):e113664
- JManpreet Kaur Rawal †, Yalda Shokoohinia ‡, Giuseppina Chianese §, Behzad Zolfaghari □, Giovanni Appendino □, Orazio Tagliatalata-Scafati \*§, **Prasad Rajendra**, †, and Attilio Di Pietro \*, “Atrophanes from *Euphorbia squamosa* as potent inhibitors of *Candida albicans* multidrug transporters”. *J Nat Prod*, 26 December, 2014; 77(12):2700-6. doi: 10.1021/np500756z

- Rizvi Z.A., **Puri N.**, and Saxena R.K., "Inhibition of CD1d pathway of antigen presentation by acid functionalized single-walled carbon nanotubes (AF-SWCNTs) in professional and non-professional antigen presenting cells", *Toxicology Letters* 229S, S40–S252 (Abstract), (2014)
- Rizvi Z.A., **Puri N.**, and Saxena R.K., "Lipid antigen presentation through CD1d pathway in mouse lung epithelial cells, macrophages and dendritic cells and its suppression by poly-dispersed single-walled carbon nanotubes", *Toxicology in Vitro* (accepted), (2014)
- Kumar A, Sharma KK, Kumar P, **Ramchiary N.**, "Laccase isozymes from *Ganoderma lucidum* MDU-7: Isolation, characterization, catalytic properties and differential role during oxidative stress", *Journal of Molecular Catalysis B: Enzymatic*, 113, 68-75, (2015)
- Gupta A, **Rath PC.**, "Curcumin, a natural antioxidant, acts as a noncompetitive inhibitor of human RNase L in presence of its cofactor 2-5A in vitro". *Biomed. Res. International*. doi 10.1155/2014/817024, (2014)
- Gupta A, **Rath PC.**, "Expression of mRNA and protein-protein interaction of the antiviral endoribonuclease RNase L in mouse spleen", *Intl. J. Biol. Macromol*, 69: 307-318, (2014)
- Gupta M, **Rath PC.**, "Interferon regulatory factor-1 (IRF-1) interacts with regulated in development and DNA damage response 2 (REDD2) in the cytoplasm of mouse bone marrow cells", *Intl. J. Biol. Macromol*, 65: 41-50, (2014)
- Mishra H, **Saran S.**, "Classification and expression analyses of homeobox genes from *Dictyostelium discoideum*". *J Biosci.* 40(2): 241-55, (2015)
- Rishikesh Kumar, S Rafia, **Saran S.**, "Cloning, expression and characterization of Ornithine decarboxylase gene from *Dictyostelium discoideum*," *International Journal of Developmental Biology*, 58:669-676, (2014)
- Swer PB, Lohia R, **Saran S.**, "Analysis of rapamycin induced autophagy in *Dictyostelium discoideum*", *Indian J Exp Biol.* 52(4): 295-304, (2014)
- Gosain A, Srivastava A, **Saran S.**, "Peptide: N- glycanase is expressed in prestalk cells and plays a role in the differentiation of prespore cells during development of *Dictyostelium discoideum*". *Indian J Exp Biol.* 52(3): 197-206, (2014)
- Swer PB, Bhadoriya P, **Saran S.**, "Analysis of Rheb in the cellular slime mold *Dictyostelium discoideum*: cellular localization, spatial expression and over expression". *J Biosci.* 39: 75-84, (2014)
- Kumari P, Mahapatro GK, Banerjee N, **Sarin NB.**, "Ectopic expression of GroEL from *Xenorhabdus nematophila* in tomato enhances resistance against *Helicoverpa armigera* and salt and thermal stress", *Transgenic Research*, DOI 10.1007/s11248-015-9881-9, (2015)
- Shrivastava DC, Kisku AV, Saxena M, Deswal R, **Sarin NB.**, "Stress inducible cytosolic ascorbate peroxidase (Ahcpx) from *Arachis hypogaea* cell lines confers salinity and drought stress tolerance in transgenic tobacco". *Nucleus*, DOI 10.1007/s13237-015-0134-3, (2015)
- Negi NP, Srivastava CD, Sharma V, **Sarin NB.**, "Over expression of *CuZnSOD* from *Arachis hypogaea* alleviates salinity and drought stress in tobacco". *Plant Cell Reports*, DOI 10.1007/s00299-015-1770-4, (2015)
- Chaurasia A, Jain S, Kumar D, Jain M, Shekhar S, Bhat V, **Sarin NB.**, "High efficiency transformation of banana [*Musa acuminata* L. cv. Matti (AA)] for enhanced tolerance to salt and drought stress through overexpression of a peanut *Salinity-Induced Pathogenesis-Related class10 protein*". *Molecular Biotechnology*, 57:27-35, (2015)
- Kahtoon S, Akmal M, **Sarin NB.**, and Khan JA., "Cytokinins improve shoot regeneration efficiency in two Indian cotton (*Gossypium hirsutum* cv. Narsimha and *G. arboreum* cv. AKA-7) cultivars". *Acta Advances in Agricultural Sciences*, 2(8): 25-31, (2015)
- H. Shah, M. K. Rawal, **Saxena A. K.**, Mondal, A. and R. Prasad, "ABC transporter Cdr1p harbors a critical acid/base pair of between intracellular loop and nucleotide-binding domain important for protein trafficking". *FEMS Yeast Res.* 2015 August; 15(5). pii: fov036
- H. Shah, M. K. Rawal, S. Dhamgaye, S. S. Komath, **Saxena A. K.**, and R. Prasad, "Mutational Insight into Intracellular loops defines cross talk between NBDs and ICLs of the yeast ABC transporter Cdr1p." *Science Report* 5: 11211, (2015)
- S. Sundararaj, **Saxena A. K.**, R. Sharma, K. Vashisht, S. Sharma, A. Anvikar, R. Dixit, K. C. Pandey, "Hydrophobic interaction and hydrogen bond within the BC loop are interacting within the active site of cysteine proteases of *P. falciparum* and *P. vivax*", *PLoS ONE*, 9(4): e93008, (2014)
- S. P. Gangwar, S. R. Meena and **Saxena A. K.**, "Comparison of different crystal forms of ESX-1 secreted protein regulator EspR from *M. tuberculosis* and its implication for protein regulator activity (PDB-4NDW)." *Acta Crystallogr. Section F Biol. Crystallogr.* F70, 433-437, (2014)

- S. P. Gangwar, S. R. Meena and **Saxena A. K.**, “Crystal structure of carboxy-terminal domain of M. tuberculosis CarD protein: an essential rRNA transcriptional regulator (PDB-4KMC)”. *Acta Crystallogr. Section F Biol. Crystallogr.* F70, 160-165, (2014)
- Niraj Kumar Srivastava, Achal Kumar Srivastava, Somnath mukharjee, Rohan Sharma, Ashok Kumar Mahapatra and **Deepak Sharma** Determination of Oxidative Stress factors in Patients with Hereditary Muscle Disease: One Possible Diagnostic and Optional Management of the Patients. *Int J Pharm Bio Sci* 6(3); B 315-335 (2015)
- Niraj Kumar Srivastava, Shikha Sharma, Rudra N Purusottam, Neeraj Sinha, Rameshwar Singh & **Deepak Sharma** Abnormal lipid metabolism in collagen-induced arthritis rat model: In vitro, high resolution NMR spectroscopy based analysis. *Ind. J. Exp. Biol.* 52: 673-68, (2014)
- Nambiar DK, Rajamani P, **Singh RP.**, “Silibinin attenuates ionizing radiation-induced pro-angiogenic response and EMT in prostate cancer cells”, *Biochem Biophys Res Commun*, 2 January, 2015;456(1):262-8. doi: 10.1016/j.bbrc.2014.11.069. PubMed PMID: 25446081
- Nambiar D, Deep G, **Singh RP.**, Agarwal C, Agarwal R. “Silibinin inhibit aberrant lipid metabolism, proliferation and emergence of androgen-independence in prostate cancer cells via primarily targeting the sterol response element binding protein 1”. *Oncotarget*, 5, 2014.
- Tailor D, Hahm ER, Kale RK, Singh SV, **Singh RP.**, “Sodium butyrate induces DRP1-mediated mitochondrial fusion and apoptosis in human colorectal cancer cells”, *Mitochondrion*, 16, 55-64, 2014.
- Jhala DV, Kale RK, Singh RP. Microgravity alters cancer growth and progression, *Current Cancer Drug Targets*, 14(4):394-406, 2014.
- Sharma R, **Tiku A B.**, “Emodin, an anthraquinone derivative protects against gamma radiation induced toxicity by inhibiting DNA damage and oxidative stress”, *Int J Radiat Biol* 90(4): 275–283, (2014). Selected as key drug discovery article by Global Medical Discovery: <http://globalmedicaldiscovery.com/category/key-drug-key-drug-discovery-articles>, (2014)
- Turan S, **Tripathy BC.**, “Salt-stress induced modulation of chlorophyll biosynthesis during de-etiolation of rice seedlings”. *Physiol. Plant.* 153: 477-91. August, 6. doi: 10.1111/ppl.12250. [Epub ahead of print], (2014)
- Singh J, Pandey P, James D, Chandrasekhar K, Achary VM, Kaul T, **Tripathy BC.**, Reddy MK., “Enhancing C3 photosynthesis: an outlook on feasible interventions for crop improvement”. *Plant Biotech J* 1217-30, DOI: 10.1111/pbi.12246, (2014)
- Ruhil K, Sheeba, Ahmad A, Iqbal M, **Tripathy BC.**, “Photosynthesis and growth responses of mustard (*Brassica juncea* L. cv Pusa Bold) plants to free air carbon dioxide enrichment (FACE)”. *Protoplasma*. 4 December, 2014 [Epub ahead of print] PMID: 25471475,
- Ambastha V, **Tripathy BC.**, Tiwari BS., “Programmed cell death in plants: A chloroplastic connection”. *Plant Signal Behav.* 2015 February; 10(2):e989752. doi: 10.4161/15592324.2014.989752.
- Roy A, Sahoo D, **Tripathy BC.**, “Light-hormone interaction in the red-light-induced suppression of photomorphogenesis in rice seedlings”. *Protoplasma*. [Epub ahead of print], (2015)
- Baby Santosh and **Yadava PK.**, “Non-coding RNAs: Biological Functions and Applications”. *Cell Biochemistry and Function*. 33: 14-22, (2014)
- Varshney AK, Ramkrishnan, SK, Sharma AK, Santosh B, Bala J and **Yadava PK.**, “Global expression profile of telomerase-associated genes in HeLa cells”. *Gene* 547: 211-217, (2014)
- **Yadava PK**, “Aptamers: Emerging Applications”. Smith and Franklin Briefs in Biosciences Editor: Pramod Yadava, Publication, 20 September, 2014
- Baby Santosh and **Yadava PK.**, “Nucleic Acid Aptamers: Research Tools in Disease Diagnostics and Therapeutics”. *Biomed Research International*, Article id 540451, 13 pages, 2014
- Kumar P., Mishra DK, Deshmukh P, Jain M, Zade AM, Ingole KV, Goel AK, **Yadava PK.**, “Vibrio cholerae O1 Ogawa El Tor strains with ctx B7 allele driving cholera outbreaks in south-western India in 2012”. *Infection Genetics and Evolution* 25, 93-96, (2014)
- Suresh Kumar. R<sup>1</sup>, Akhil Varshney, Amod Sharma, Bhudev C. Das\*, **Yadava PK.**, “Expression of Targeted Ribozyme Against Telomerase RNA Causes Altered Expression of Several Other Genes in Tumor Cells”, *Tumor Biology* 35: 5539-5550, (2014)

## Books

- **Bhattacharya Alok**, T Nozaki and Alok Bhattacharya (eds), Amoebiasis: Biology and pathogenesis of Entamoeba, Springer 2015

- **Singh Rana Pratap**, Breast Cancer -Biology, Prevention and Treatment. Authors: A.R. Rao and Rana P. Singh, Red Flower Publication, New Delhi, February, 2015

### Chapters in Books

- S Basu, VK Sharma, D Bhattacharyya, **Chakraborty S.**, An Overview of Antiviral RNA Silencing in Plant: Biogenesis, Host–Virus Interaction and Potential Applications In Approaches to Plant Stress and their Management (R. K Gaur and P Sharma, Eds.) 317-337, (Springer), (2014)
- Madan V and **Jha SK.**, Sleep benefits in health and cognition. In Recent Trends in Life Sciences, eds Fulekar MH and Kale RK, I.K International Publishing House: New Delhi, pg 412, 2014 (ISBN: 978-938-233-2251)
- **Mallick, B. N.**, Singh, A., Ranjan, A. and Srivastava, H. K. Neural regulation of REMS: critical role of GABA-ergic inhibition. In: REM Sleep: Characteristics, Disorders and physiological effects; Editors: Chelsea L Saylor, Nova Medical (Nova Sciences Publishers, Inc.), New York, USA, pp. 67 – 98, 2014. (Reproduced version)
- **Paul Jaishree**, and Reena Kumari: Interplay among Commensal Bacteria in the pathogenesis of ulcerative colitis: Indian scenario. pp. 14-28. “Probiotics, Microbiome and gut Function: Transforming Health and Well-Being”, published by Elsevier ed: Ramakrishna BS, Balakrishna Nair G and Takeda Y., (2015)
- Das P, Mishra M, Lakra N, Singla-Pareek SL and **Pareek A.**, Mutation breeding: a powerful approach for obtaining abiotic stress tolerant crops and upgrading food security for human nutrition. In Mutagenesis: exploring novel genes and pathways. Edited by: Nasya Tomlekova, Imran Kozgar and Rafiq Wani. Wageningen Academic Publishers, The Netherlands, 2014
- Soni P, Soda N, Nutan KK, Nongipur R, Roy S, Singla-Pareek SL and **Pareek A.**, Towards understanding abiotic stress signalling in plants: convergence of genomics, proteomics and metabolomics approaches. In Elucidation of Abiotic Stress Signaling in Plants: A Functional Genomic Perspective. Edited by: GK Pandey, Springer New York, 2014
- Gupta B, Tripathi AK, Joshi R, **Pareek A.**, and Singla-Pareek SL., Designing climate smart future crops employing signal transduction components. In Elucidation of Abiotic Stress Signaling in Plants: A Functional Genomic Perspective. Edited by: GK Pandey. Springer New York, 2014
- Singh N, Tailor D, Kale RK, **Singh RP.**, Antioxidant phytochemicals in cancer chemoprevention. In Phytochemicals of Nutraceutical Importance and their Role in Human Health. Eds. Sharma G., Prakash D. CABI-UK publication, pp. 229-47, 2014.
- **Rath PC**, Mechanics of DNA replication. In Gene and its Engineering, edited HK Das, Wiley, New Delhi, pp 151-164. (2014)
- **Rath PC**, Chaudhary JK, Geriatrics and Stem Cell Research. In Textbook of Geriatric Medicine, edited Pratap Sanchetee, Paras Medical Publisher, Hyderabad & Indian Academy of Geriatrics, pp 778-785, (2014)

## School of Physical Sciences

### Journals Research Articles

- **Bhattacharjee Aranya B.**, and S. De, "Frequency measurement using Rayleigh scattering from a BEC", *International Journal of Modern Physics* 2015, B 29, 1550051.
- **Bhattacharjee Aranya B.**, "Non-equilibrium dynamical phases of the two-atom Dicke model", *Physics Letters* 2014, A378, 3244.
- **Bohidar H.B.**, Anshu Sharma, K Rawat, Pratima R. Solanki, "Gelatin-Ionic liquid Based Platform for Glucose Detection", *Current Topics in Medicinal Chemistry*, 2015, 15 (13), 1257-1267 (DOI: 10.2174/1568026615666150330112429)
- **Bohidar H.B.**, Anshu Sharma, Dinesh Baral, K Rawat, Pratima R. Solanki, "Biocompatible Capped Iron Oxide Nanoparticles for Vibrio cholerae Detection", *Nanotechnology* 2015, 26, 175302.
- **Bohidar H.B.**, K Rawat, A Sharma, P R Solanki "Potential of Gelatin-Zinc Oxide Nanocomposite as Ascorbic acid Sensor", *Electroanalysis*, 2015.
- **Bohidar H.B.**, K Rawat, Pratima R. Solanki, Kavita Arora, "Response of Gelatin Modified Electrode towards Sensing of Different Metabolites", *Appl. Biochem. Biotechnol*, 2014, 174,1032
- **Bohidar H.B.**, J. Pathak, K Rawat, "Surface patch binding and mesophase separation in biopolymeric polyelectrolyte-polyampholytic solutions", *International Journal of Biological Macromolecules*, 2014, 63, 29.
- **Bohidar H.B.**, K Rawat, J. Pathak, "Effect of Solvent Hydrophobicity on Gelation Kinetics and Phase Diagram of Gelatin Ionogels", *Soft Matter*, 2014, 10, 862.
- **Bohidar H.B.**, S. Sanwlani, K Rawat, M. Pal, and A. K. Verma, "Cellular Uptake induced biotoxicity of Surface Modified CdSe Quantum Dots", *J. Nanopart. Res.*, 2014, 16, 2382-1.
- **Bohidar H.B.**, K Rawat, A. Saxena, A. K. Verma, R. Vohra "Potential of gallic acid loaded polysaccharide-protein (agar-gelatin) co-hydrogels in wound healing", *Journal Pharma Research*, 2014, 3(3), 14.
- **Bohidar H.B.**, N. Joshi, K Rawat "Coexistence of Iso-nergodic Laponite Gel and Glass in 1-Methyl-3-Octylimidazolium Chloride Ionic Liquid Solutions", *J. Phys. Chem. B* 2014, 118, 6329.
- **Bohidar H.B.**, J. Pathak, K Rawat "Is Surface Patch Binding Between Proteins Symmetric About Isoelectric pH?" *RSC Adv.*, 2014, 4, 24710.
- **Bohidar H.B.**, K Rawat, Shweta Agarwal, Aakriti Tyagi, Anita. K. Verma, "Aspect Ratio Dependent cytotoxicity and antimicrobial properties of Nanoclay", *Appl. Biochem. Biotechnol.* 2014, 174(3), 936.
- **Bohidar H. B.**, N. Joshi, K Rawat, "Hierarchical Self-assembly, Relaxations and Ergodic-nergodic Transition in Laponite Ionogels", *Colloids and Surfaces A: Physicochem. Eng. Aspects*, 2014, 461, 66.
- **Bohidar H. B.**, J. Pathak, K Rawat "Hierarchical Surface Charge Dependent Phase States of Gelatin-Bovine Serum Albumin Dispersions Close to Their Common pI", *J. Phys. Chem. B* 2014, 118(38), 11161.
- **Das Shankar P.**, Leishangthem Premkumar, "Vibrational Density of States in the Disordered Solid Using Classical Density Functional Model", *Physics Letters A*, 2015, A379, 1073.
- **Das Shankar P.**, Bhaskar Sen Gupta, and Sunil P. Singh, "Nonequilibrium Dynamics of a Super Cooled Liquid using Schematic and Structural Models", *Journal of Non-Crystalline Solids* 2015, 407, 44.
- **Das Shankar P.**, Bhaskar Sen Gupta "Nonequilibrium dynamics of four-point correlations of collective density fluctuations in a super cooled liquid", *Physical Review E* 2015, 90, 012137.
- **Ghosh Rupamanjari**, Himadri Shekhar Dhar, Arpita Chatterjee, "Mapping generalized Jaynes-Cummings interaction into correlated finite-sized systems", *Journal of Physics B: Atomic, Molecular and Optical Physics* 2014, 47, 135501.
- **Ghosh Subhasis**, S. Khanchandani, P. K. Srivastava, S. Kumar and A. K. Gangulai, "Band Gap Engineering of ZnO using Core/Shell Morphology with Environmentally Benign Ag<sub>2</sub>S Sensitizer for Efficient Light Harvesting and Enhanced Visible-Light Photocatalysis" *Inorganic Chemistry* 2014, 53, 8902.
- **Ghosh Subhasis**, B. Singh, "Highly Conducting Transparent Indium-Doped Zinc Oxide Thin Films" *Journal of Electronic Materials* 2014, 43, 3217.
- **Ghoshal Debashis**, Preeda Patcharamaneepakorn, "Stability of the Traveling Front of a Decaying Brane," *Journal of High Energy Physics*, 1503 (2015) 159 [arXiv:1407.6200 [hep-th]]
- **Ghoshal Debashis**, Camillo Imbimbo and Dushyant Kumar, "Weak Coupling Expansion of Yang-Mills Theory on Recursive Infinite Genus Surfaces", *Journal of High Energy Physics* 1410 (2014) 181 [arXiv:1407.6380 [hep-th]]

- **Gupta Ved P.**, P. Das, S. K. Ghosh, “Drinfeld center of planar algebra”, *Internat. J. Math.* 2014, 25(8), 1450076.
- **Kumar Brijesh**, Somenath Jalal, “Edge modes in a frustrated quantum Ising chain”, *Phys. Rev.B* 2014, 90, 184416.
- **Kumar Deepak**, A. Rastogi, S. Tiwari, J. J. Pulikkotil, Z. Hossain, R. C. Budhani, “ $\delta$ -doped LaAlO<sub>3</sub>-SrTiO<sub>3</sub> interface: Electrical transport and characterization of the interface potential”, *Europhys. Lett.* 2014, 106, 57002.
- **Kumar Deepak**, Ashwani K. Tripathi, “Stripe patterns: Role of initial state and boundary conditions”, *Phys. Rev. E* 2014, 90, 022915.
- **Kumar Deepak**, Ashwani K. Tripathi, “Correlations in Single File Diffusion: Open and Closed Systems”, *Biophysical Review and Letters* 2014, 9, 367.
- **Kumar Deepak**, Ashwani K. Tripathi, “Coarsening of stripe patterns: Variations with quench depth and scaling”, *Phys. Rev. E* 2015, 91, 022923.
- **Mohanty Tanuja**, (with Arun Singh Patel and Harekrushna Sahoo), “Probing Förster resonance energy transfer between Fluorescent copper nanoclusters and cobalt complex”, *Appl. Phys. Lett.* 2014, 105, 063112.
- **Mohanty Tanuja**, (with Mukesh Mishra), “Electrical and Optical Modification of Graphene Oxide by incorporation of Silver Nanoparticles”, *Adv. Sci. Lett.* 2014, 20, 1012.
- **Mukhopadhyay Pritam**, S. Kumar, M. R. Ajayakumar, G. Hundal, “Extraordinary Stability of Naphthalenediimide Radical Ion and Its Ultra-Electron-Deficient Precursor: Strategic Role of the Phosphonium Group”, *J. Am. Chem. Soc.* 2014, 136, 12004.
- **Mukhopadhyay Pritam**, S. Dana, D. Prusty, D. Dhayal, M. K. Gupta, A. Dar, Sobhan Sen, T. Adak, S. K. Dhar, “[Potent Antimalarial Activity of Acriflavine In Vitro and In Vivo](#)”, *ACS. Chem. Biol.* 2014, 9, 2366
- **Mukhopadhyay Pritam**, D. Asthana, G. Hundal, “Self-assembly characteristics of a multipolar donor-acceptor-based bis-pyrene integrated molecular tweezer”, *J. Chem. Sc.* 2014, 126, 1331.
- **Munde Manoj**, S. Sang, M. H. Linde, V. Carvalho, W. D. Wilson and G. Poon, “Mechanistic Heterogeneity in Site Recognition by the Structurally Homologous DNA-Binding Domains of the ETS-Family Transcription Factors Ets-1 and PU.1”, *J. Biol Chem.* 2014, 289, 21605.
- **Munde Manoj**, A. Kumar, P. Peixoto, S. Depauw, M. A. Ismail, A. A. Farahat, A. Paul, M. V. Say, M. H. David-Cordonnier, D. W. Boykin and W. D. Wilson, “An Unusual Monomer Recognition of Guanine Containing Mixed Sequence DNA by a Dithiophene Heterocyclic Diamidine”, *Biochemistry* 2014, 53, 1218.
- **Munde Manoj**, S. Wang, A. Kumar, C. E. Stephens, A. A. Farahat, D. W. Boykin, W. D. Wilson and G. M. Poon, “Structure-dependent inhibition of the ETS-family transcription factor PU.1 by novel heterocyclic diamidines”, *Nucleic Acid Research* 2014, 42, 1379.
- **Patnaik Satyabrata**, G. Sharma, T. S. Tripathi, J. Saha, “Magnetic entropy change and critical exponents in double perovskite Y<sub>2</sub>NiMnO<sub>6</sub>”, *J. Mag. Mag. Mat.* 2014, 368, 318.
- **Patnaik Satyabrata**, V. K. Maurya, Shruti, P. Srivastava, “Superconducting properties of indium-doped topological crystalline insulator SnTe”, *Euro Phys. Lett.* 2014, 108, 37010.
- **Patnaik Satyabrata**, G. S. Thakur, Z. Haque, P. Neha, L. C. Gupta, A. K. Ganguli, “Effect of O- and Mn-doping on superconductivity in FeTe<sub>0.5</sub>Se<sub>0.5</sub> superconductor”, *Zeitschrift fur Anorganische und Allgemeine Chemie* 2014, 640 (6), 1159.
- **Patnaik Satyabrata**, G. Sharma, J. Saha, S. D. Kaushik, V. Siruguri, “Improper ferroelectricity in helicoidal antiferromagnet Cu<sub>3</sub>Nb<sub>2</sub>O<sub>8</sub>”, *Solid State Communication* 2015, 203, 54.
- **Pramanik Ashim K.**, I. N. Bhatti, R. Rawat, A. Banerjee, “Temperature evolution of magnetic and transport behavior in 5d Mott insulator Sr<sub>2</sub>IrO<sub>4</sub>: significance of magneto structural coupling”, *J. Phys.: Condens. Matter* 2014, 27, 016005.
- **Pramanik Ashim K.**, C. Sow, P. S. Anil Kumar, “Exchange bias in strained SrRuO<sub>3</sub> thin films”, *J. Appl. Phys.* 2014, 116, 194310.
- **Puri Sanjay**, A. Singh, S. Ahmad, S. Singh, “Ordering Kinetics in Liquid Crystals with Long-ranged Interactions”, *Eur. Phys. J. E* 2014, 37, 2.
- **Puri Sanjay**, N. Katyal, V. Banerjee, “Fractal Signatures in Analogs of Interplanetary Dust Particles”, *J. of Quantitative Spectroscopy and Radiative Transfer* 2014, 146, 290.
- **Puri Sanjay**, A. Singh, C. Dasgupta, “Kinetics of Phase Separation in Polymer Mixtures: A Molecular Dynamics Study”, *J. Chem. Phys.* 140, 244906 (2014).
- **Puri Sanjay**, G.P. Shrivastav, M. Kumar, V. Banerjee, “Ground-State Morphologies in the Random-field Ising Model: Scaling Properties and Non-Porod Behavior”, *Phys. Rev. E* 2014, 90, 032140.
- **Puri Sanjay**, S. Mishra, S. Ramaswamy, “Aspects of the Density Field in an Active Nematic”, *Phil.*

- Trans. R. Soc. A* 2014, 372, 20130364.
- **Puri Sanjay**, S. Ahmad, S.K. Das, “Phase Separation of Fluids in Porous Media: A Molecular Dynamics Study”, *Phys. Rev. E* 2014, 90, 040302(R).
  - **Puri Sanjay**, G.P. Shrivastav, V. Banerjee, “Non-Porod Behavior in Systems with Rough Morphologies”, *Eur. Phys. J. E* 2014, 37, 98.
  - **Puri Sanjay**, A. Singh, R. Krishnan, “Kinetics of Microphase Separation in Block Co-polymers: A Molecular Dynamics Study”, *Europhys. Lett.* 2015, 109, 26006.
  - **Puri Sanjay**, A. Singh, “Phase Separation in Ternary Fluid Mixtures: A Molecular Dynamics Study”, *Soft Matter* 2015, 11, 2213.
  - **Rai Ankita**, Vijai K. Rai, Ganeshwar P.Sahu, “The first NHC-induced regioselective introduction of C- and N-nucleophiles in to Baylis–Hillman enals”, *Tetrahedron Lett.* 2015, 56, 2664.
  - **Rajaraman R.**, “Battlefield weapons and missile defense: Worrisome developments in Nuclear South Asia”, *Bulletin of Atomic Scientists* 2014, 70(2), 68.
  - **Ramaswamy Ram**, A. Srivastava, S. Kumar, “Two-layer modular analysis of gene and protein networks in breast cancer”, *BMC Systems Biology* 2014, 8, 81-1, 2015.
  - **Ramaswamy Ram**, R. Karnatak, U. Feudel, “Conjugate coupling in ecosystems: Cross-predation stabilizes food webs”, *Chaos, Solitons and Fractals* 2014, 68, 48.
  - **Ramaswamy Ram**, N. Punetha, A. Prasad, Phase-locked regimes in delay coupled oscillator networks, *Chaos* 2014, 24, 043111-1.
  - **Ramaswamy Ram**, “A scholar in his time: Contemporary views of Kosambi the mathematician”, Occasional Paper of the Nehru Memorial Museum and Library, Perspectives in Indian Development, New Series 2014, 45.
  - **Ramaswamy Ram**, N. Punetha, S. R. Ujjwal, F. M. Atay, “Delay-induced remote synchronization in bipartite networks of phase oscillators”, *Physical Review E* 2015, 91, 022922-1.
  - **Ramaswamy Ram**, N. Punetha, F. M. Atay, “Bipartite Networks of Oscillators with Distributed Delays: Synchronization Branches and Multistability”, *Physical Review E* 2015, 91, 042906-1.
  - **Ramaswamy Ram**, S. Sinha, S. Sinha, N. Gupte, “PNLD 2013: Conference summary and a perspective”, *Pramana - Journal of Physics* 2015, 84, 167.
  - **Murthy S.S.N.**, Abhishek Kumar, “Relaxation in rotationally disordered phase of hexa-substituted benzenes”, *Thermochimica Acta* 2014, 589, 284.
  - **Murthy S.S.N.**, Abhishek K. Singh, “Johari-Goldstein relaxation in orientationally disordered phase of hexa-substituted benzenes”, *Thermochimica Acta* 2015, 604, 33.
  - **Sarkar Subir K.**, Priya Singh, Pradipta Bandyopadhyay, “A Wang-Landau density of states based study of the folding-unfolding transition in the mini-protein Trp-cage (TC5b)”, *Journal of Chemical Physics* 2014, 141, 015103.
  - **Sarkar Subir K.**, Divya Srivastava, Umesh V. Waghmare, “Evidence of scaling in the high pressure phonon dispersion relations of some elemental solids”, *Journal of Chemical Physics* 2014, 141, 044714.
  - **Shah Riddhi**, Francois Ledrappier, “Dani’s Work on Probability Measures on Groups”, Special Issue for the Proceedings of an International Conference “Recent Trends in Ergodic Theory and Dynamical Systems” (2012), *Contemporary Mathematics* 2015, 631, 109.
  - **Shah Riddhi**, S. G. Dani, Punnet Sharma, “Affine Almost Automorphic Actions on Compact Nilmanifolds”, *Ergodic Theory and Dynamical Systems* 2014, published online first August 2014 doi 10.1017/etds.2014.19.

## Books

- **Bohidar H. B.**, “Fundamentals of Polymer Physics and Molecular Biophysics”, Cambridge University Press (UK), 2014
- **Rajaraman R.**,(Ed.) “India’s Nuclear Energy Programme: Future Plans, Prospects and Concerns”, published by the Indian National Science Academy and Academic Foundation, 2013-14
- **Ramaswamy Ram**, S. Sinha, S. Sinha, N. Gupte (Eds.) “PNLD 2013: Conference Proceedings”, Indian Academy of Sciences, Bangalore, 2015
- **Shah Riddhi**, Siddhartha Bhattacharya, Tarun Das, Anish Ghosh, (Eds.) “Recent Trends in Ergodic Theory and Dynamical Systems”, Contemporary Mathematics 631, American Mathematical Society, 2015

## Chapters in Books

- **Bhattacharjee Aranya B.**, Neha Aggarwal and Sonam Mahajan, “Recent Trends in Nano-Optomechanical Systems”, in Quantum Nanosystems, Structure, Properties and Interactions (Chapter 6), Ed. Mihai Putz, 2014, Apple Academic Press (New Jersey, USA)
- **Bohidar H. B.**, Kamla Rawat, “Polyelectrolytes: Thermodynamics and Rheology”, in Biological Polyelectrolytes: Solutions, Gels, Intermolecular Complexes and Nanoparticles, Eds. P.M. Visakh, Oguz Bayraktar, Guillermo Alfredo Picó, Springer, Verlag 2014
- **Das Shankar P.**, Leishangthem Premkumar “Heterogeneties of the metas table super cooled state of a simple liquid near Tc: A density functional study”, in Fragility of Glass forming liquids, Eds. A.L. Greer et. Al, Hindustan Book Agency, India, 2014
- **Ghosh Rupamanjari**, with M-A. Maynard, R. Bouchez, E. Brion, T. Labidi, M. Mukhtar, S. Kumar, F. Bretenaker, and F. Goldfarb, “Extra phase shift created by optically detuned light storage in metastable helium”, in Frontiers in Optics 2014, OSA Technical Digest (Optical Society of America, 2014), paper FTu5C.4. (<http://dx.doi.org/10.1364/FIO.2014.FTu5C.4>).
- **Ramaswamy Ram**, G. Saxena, N. Punetha, A. Prasad, “Amplitude Death: The cessation of oscillations in coupled nonlinear dynamical systems”, AIP Conference Proceedings, 2014, 1582, 158.

## School of Social Sciences

### Journals Articles

#### Centre for Historical Studies

- **Datta Rajat**, 'Governing Agrarian Diversities: The State and the Making of an Early Modern Economy in Sixteenth Century Northern India', *The Medieval History Journal* (special issue on 'Handling Diversity: Comparative Perspectives on Medieval and Early Modern India and Europe', (ed.) Thomas Ertl), volume 16, no. 1, October 2013, pp.473-99
- **Chakrabarti Kunal**, "Religions cultures and Regional Histories: Bengal and Beyond", (Presidential Address – Ancient History Section 2013), Proceeding of the Punjab History Conference, Punjab University, Patiala, 2014
- **Sharma Yogesh**, "Anxieties of Democracy" ed P Chatterjee and J Katznelson by Yogesh Sharma in *Studies in History* 30, 2 (2014) PP 211-221
- **Chakravarti Ranabir**, "A Tenth Century Brahmapura in Srihatta and Other Related Issues", *The Complex Heritage of Early India, Essays in Memory of R.S. Sharma*, ed., D.N. Jha, New Delhi: Manohar, 2014:607-26
- **Chakravarti Ranabir**, "Coasts and Interiors of India: Early Modern Indo-Dutch Cross-Cultural Exchanges", *Mediating Netherlandish Art and Material Culture in Asia*, ed., Thomas Dacosta Kaufmann and Michael North, Amsterdam: Amsterdam University Press, 2014: 95-110.
- **Chakravarti Ranabir**, "Remembering an Extra Large Scholar: B.N. Mukherjee," *Indian Historical Review*, vol. 41. Number 1, 2014: 151-55
- **Chakravarti Ranabir**, "The Indian Ocean Scenario in the 14<sup>th</sup> Century Latin Crusade Tract: Possibilities of a World Historical Approach", *Asian Review of World Histories*, 3.1, 2015: 37-58
- **Chakravarti Ranabir**, 'From the Aranyacharas to the Antyavasayins in the Light of the Kautiliya Arthasastra', in *Papers from the Aligarh Historians' Society*, edited by Irfan Habib, to the Indian History Congress, 75<sup>th</sup> session, JNU, 2014
- **Pachau Joy LK**, "Sainghinga and His Times: codifying Mizo attire", in *MZU Journal of Literature and Cultural Studies*, 2:2, 2015, pp. 272-293. Aizawl: Mizoram University, ISSN 2348-1188
- **Singha, Radhika**, "Punished by Surveillance: Policing 'dangerousness' in colonial India, 1872–1918" *Modern Asia Studies*, first view articles, 29 pages, available on CJO2014. doi:10.1017/S0026749X13000462, September 2014
- **Ramaswamy Vijaya**, 'Neelambikai Ammaiyar: Profile of a Margin Player - 1903-1945' published by the Nehru Memorial Museum and Library, New Delhi, 2014
- **Mukherjee Aditya**, "Nehru's Legacy: Inclusive Democracy and People's Empowerment," *Economic and Political Weekly*, Vol. L, No. 16, 18 April, 2015
- **Mukherjee Mridula**, "Indian Democracy: Debt to Jawaharlal Nehru" *Mainstream*, Vol. LII No.23, 31 May, 2014
- **Mukherjee, Mridula**, "Jawaharlal Nehru's Finest Hour: The Struggle for a Secular India", *Studies in People's History*, Vol.1 No. 2, 2014
- **Mukherjee Mridula**, "Legacy of Anti-Communal Struggle: Gandhiji and Nehru," *Mainstream*, Vol LIII No. 6, 31 January, 2015
- **Malekandathil Pius**, "Indian Ocean in the Shaping of late Medieval India", *Studies in History*, vol.30, No.2, pp. 125-14, August 2014
- **Haider Syed Najaf**, 'A Lost City of Delhi through Persian Histories', *Studies in Peoples History*, vol. 2 (Sage, 2014)
- **Mahajan Sucheta**, "Reclaiming Nehru's Legacy" in *Mainstream Weekly*, Vol. LII, No. 47, 15 November, 2014
- **Kadam Umesh**, "Writing Histories- the 'Region' and the 'Local': Historiography and its Method (An Interdisciplinary Approach) published in the Proceedings of the National Conference on 'Historiography and Methodology of Local History', Chandmal Tarachand Bora College, Shirur, Pune, Maharashtra, pp.1-13, 2014

#### Centre for Media Studies

- **Roy Anupama**, “Critical Events, Incremental Memories and Gendered Violence: The ‘Delhi Gang Rape’”, *Australian Feminist Studies*, Vol.29, Issue 89, October, 2014
- **Kumar Deepak**, ‘Reason, Science and Religion: Gleanings from the Colonial Past’, *Studies in People’s History*, vol.1, issue 2, pp. 181-198, December, 2014
- **Kumar Deepak**, ‘Science Administration: A Historical Outline’, *Social Scientist*, vol. 43, nos. pp. 31-42, 1 – 2 January, 2015
- **Chitralekha**, “Censorship for Counterinsurgency: Dilemmas for Citizenship in India”. *Economic and Political Weekly* May 24, Vol. XLIX, No. 21: 55-58, 2014.
- **Chitralekha**, “Purpose versus Function: Which way for Public Libraries in India?” *Economic and Political Weekly* August 2, 2014, Vol. XLIX, No. 31: 24-27, 2014.
- **Parayil Sujith Kumar**, “Family Photographs: Visual mediation of the Social”. *Critical Quarterly*, Vol. 56, No. 3.1-20, October 2014 (
- **Parayil Sujith Kumar**, “Visual Perception and Cultural Memory: Typecast and Typecast(e)ing in Malayalam Cinema”, in *Synoptique – an Online Journal of Film and Moving Images Studies*, Vol.3, No.1, Spring 2014.

### **Centre for Informal Sector & Labour Studies**

- **Prasad Archana**, “Adivasis and the Invention of Corporate Hindutva in Gujarat”, in Teesta Setalvad ed. *Gujarat: Behind the Mirage- a Collection of Informed Arguments*, the Book People, An Imprint of Olive, Kozhikode Kerala, India. ISBN: 978-9-38-375612-4, 2014
- **Prasad Archana**, “Class Community and Identity: The Politics of the ‘Adivasi’ in Contemporary India”, in Amiya Bagchi and Amita Chatterjee ed. *Marxism: With and Beyond Marx*, Routledge, 2014. ISBN: 978-1-13-879567-9, 2014
- **Prasad Archana**, “Science and Social Transformation Caste, Class and Gender in Tank Associations of Bahour, Pondicherry”, in Mujeeb ur Rehman and Madhavan Nair eds., *Explorations in South Indian History*, SPSS, Kottayam, 2015
- **Prasad Archana**, “Homebased Workers in Delhi: A Case Study”, *India Exclusion Report*, 2013-14
- **Jha Praveen**, “Socio-Economic Inclusion and Justice: A Comparative Study of BRICS Countries with a Focus on India” (with Amit Chakraborty) in Ribeiro, Gustavo Lins, Dwyer T., Borges, A., Viola E. “Social, Political and Cultural Challenges of BRICS”, ANPOCS, 2014
- **Jha Praveen**, “Wage and employment Programmes in Contemporary Rural India: A Note” in Buzgalin, A., Traub-Merz, R. und M. Woejkow (Eds.) *Income Inequality and Economic Growth: Strategies to overcome the crisis*. Moscow: Publisher Kulturnaja Rewoluzija, 2014. 406 S, ISBN 978-5-902764-36-6
- **Jha Praveen**, “In Defense of Intellectual Autonomy: A Response to Hendricks”, (with Sam Moyo, and Paris Yeros) *Agrarian South: Journal of Political Economy* August 2014 Vol. 3, No. 2, Page 295-302
- **Jha Praveen**, “Assessing Progress on Universal Elementary Education in India: A Note on Some Key Constraints”, (with Pooja Parvati) *Economic and Political Weekly*, Vol - XLIX No. 16, 19 April, 2014
- **Mehrotra Santosh**, “The Employability of Higher Education Graduates in India”, a paper being published in NUEPA’s *The State of Higher Education in India Report 2015*, Routledge 2015 Ed R Govinda and NV Varghese
- **Mehrotra Santosh**, “The ‘New’ Planning Commission: The Way Forward”, *Economic and Political Weekly*, Vol 49, September 2014
- **Mehrotra Santosh**, “From 5 to 20 Million a year: The Challenge of Scale, Quality and Relevance of TVET in India”, *Prospects*, The UNESCO Journal of comparative education, Paris, 44: 267-277

### **Centre for the Study of Social Systems**

- **Oommen T.K.**, “Some Prerequisites for Internationalization of Sociology”, *Sociological Bulletin*, 63(3), 2014, pp. 701-706
- **Oommen T.K.**, “Radhakamal Mukerjee on Social Ecology: Filling up Some Blanks”, *Sociological Bulletin*, 64(1), 2015, pp.15-35.
- **Jodhka S S.**, “Emergent Ruralities: Revisiting Village Life and Agrarian Change in Haryana”, *Economic and Political Weekly*. Vol. XLIX. No 26 and 27: 5-17. 2014.

- **Sujatha V.**, “Forms of social asymmetry and cultural bias of gender and science in India and the world”, *Transcience*, Vol. 6 (1) 1-91, 2015.
- **Kumar Vivek**, “Inequality in India: Caste and Hindu Social Order”, *Transcience* Vol. 5, Issue 1, 2014, pp. 36-52.
- **Kumar Vivek**, ‘Ideological Support for Indian Caste System: Social Dominance, Orientation and Karma’, *Journal of Social and Political Psychology*, Vol.2, No.1, 2014, pp. 2195-3325.
- **Kumar Vivek**, “Whose Cleanliness?”, *Economic and Political Weekly*, Vol. XLIX, No.43-44, November 1, 2014, pp. 13-15.
- **Srivastava Sanjay**, “Modi-masculinity: Media, Manhood and ‘Traditions’”, in a Time of Consumerism’, *Television and New Media*, Volume 16, Number 4: 331-338, (2015).
- **Vaid Divya**, “Class and Social Mobility”, *Seminar*, 663: 51-57 (November), 2014.
- **Vaid Divya**, “Caste in Contemporary India: Flexibility and Persistence”, *Annual Review of Sociology*, 40: 391-410 (July/August), 2014.
- **Alam Arshad**, “Islam and Religious Pluralism in India”, in *IIC Quarterly*, 40: 3 & 4, 2014.
- **Piang L. Lam Khan**, & Sehrin Raj, ‘Critical Analysis of an Intervention to Improve Maternal and Child Health: The case of Janani Shuraksha Yojana (JSY)’, in *Journal of Health Management*, Vol. 16 (3) September, Delhi: Sage, pp. 415-422, 2014.
- **Piang, L. Lam Khan** & Sherin Raj, ‘Is the Millennium Development goal on maternal and child health achievable for India in the current trend’, *Health Action*, Vol. 28 (2), Secunderabad: HAFA, pp. 29-31, 2015.

### **North East India Studies Programme**

- **Sood Atul**, “Deregulating Capital, Regulating Labour: The Dynamics in Manufacturing Sector in India”, Co-authored, Special Article, *Economic and Political Weekly*, XLIX, No 26-27, 28 June, 2014
- **Sood Atul**, “All About So-called Sins and the Game Plan”, *Kafila*, May, 2014
- **Sood Atul**, “Non Inclusive Growth and A Divisive Social Perspective: The Untold Story of Gujarat”, *Alternatives International*, April, 2014
- **Dzuvichu, Lipokmar**, “Empire on their Backs: Coolies in the Eastern Borderlands of the British Raj”, *International Review of Social History*, Volume 59 / Special Issue S22 / December 2014, pp 89 – 112.
- **Sharma G. Amarjit**, “Restrictive Cultural Frames,” *The Book Review*, Volume XXXVIII, Number 7, (Book review of *Cultural Contours of North-East India*, by Birendranath Datta, Oxford University Press, New Delhi, 2012, pp.255), July 2014

### **Centre for Political Studies**

- **Ajay Gudavarthy**, “Politics of Secular Sectarianism”, *Economic and Political Weekly*, co-author-Nissim Mannathukaren, 6 December, 2014
- **Anupama Roy**, “Critical Events, Incremental Memories and Gendered Violence: The ‘Delhi Gang Rape’”, *Australian Feminist Studies*, Vol.29, Issue 89, October, 2014
- **Anupama Roy**, “Gender and Citizenship in India”, *The Routledge Handbook of Gender in South Asia*, edited by Leela Fernandes, Routledge, New York, 2014
- **Asha Sarangi**, *Introduction to V.P.Menon, Integration of the States in India* (Orient Blackswan: New Delhi, 2014, First published 1956)
- **Asha Sarangi**, “Violence of/on Languages: The Political Topography of Linguistic Nationalism” in Saitya Brata Das and Soumyabrata Choudhury (ed) *The Weight of Violence: Religion, Language, Politics*: Oxford University Press, New Delhi 2015
- **Asha Sarangi, Book Review**, Ajay Mehra (ed) *Party System in India: Emerging Trajectories in Studies in Indian Politics*, Sage Publications, Vol 4, December, 2014
- **Gopal Guru**, ‘Two Conception of Morality’, *Economic and Political Weekly*, 19 May, 2014
- **Gopal Guru**, ‘Politics of overlapping Consensus’, *Indian International quarterly*, Spring, 2014
- **Gopal Guru**, ‘Dalit women as Labouring Intellectuals’, *India International quarterly*, Winter, 2014
- **Gopal Guru**, ‘Dignity of Labour in Gandhi and Ambedkar’, in Akeel Bilgarmi (ed), *Marx and Gandhi*, (Tulika Publication: Delhi. 2014)

- **Gurpreet Mahajan**, “Contextualizing Secularism: the Relationship between State and Religion in India”, in Peter Losonczi and Walter van Herck, (eds.), *Secularism, Religion, and Politics*, (Routledge: Delhi, 2015).
- **Gurpreet Mahajan**, “Religious Diversity and Multicultural Accommodation”, in Sonia Sikka & Lori Beaman (eds.), *Multiculturalism and Religious Identity: Canada and India*, (McGill Queen's University Press” Canada, 2014)
- **Narender Kumar**, Book Review ‘Engaging with Social Exclusion in India’, Volume XXXVIII No. 9 September, 2014
- **Narender Kumar**, ‘Mapping Social Exclusion in India: Caste, Religion and Borderlands’, in Paramjit S. Judge (ed), (Cambridge University Press: New Delhi, 2014)
- **Rajarshi Das Gupta**, ‘Introduction’, (co-authored with Gargi Chakrabarty) in Chakrabarty (ed), *P.C. Joshi: The People’s Warrior*, (P.C. Joshi Archives and Tulika: Delhi, 2014)
- **Rajarshi Das Gupta**, ‘Justice in a Landscape of Trees’ in Prasanta Chakravarty (ed), *Shrapnel Minima, Writings from Humanities Underground*, (Seagull Books and University of Chicago Press, 2014)
- **Rinku Lamba**, ‘Two Faces of State Power *Recognition and Self-Determination*’, in Avigail Eisenberg et al (eds.) (University of British Columbia Press: Vancouver, 2014)
- **Sudha Pai**, ‘Understanding the Defeat of the BSP in Uttar Pradesh: National Election 2014’ *Studies in Indian Politics* 2(2) 2014.
- **Sudha Pai**, “The Dramatic Decade: the Indira Gandhi Decade” by Pranab Mukherjee in *Biblio A Review of Books*, Vol. XX Nos. 1&2, January – February, 2015
- **Sudha Pai**, ‘Dalit Entrepreneurs, Globalisation and the Supplier Diversity Experiment in Madhya Pradesh’ in Clarinda Still (ed) *Dalits Mobility or Marginalization*, (Routledge: New Delhi, 2014)
- **Sudha Pai**, ‘*The Dalit Question and Political Response*’ in Satish Deshpande (ed.), *The Problem of Caste: Readings on the Economy, Polity and Society*, *Orient Blackswan*, 2014
- **Sudhir Kumar Suthar**, Book Review, ‘Transnational Politics and States: The External Voting Rights of Diasporas’, by Jean-Michel Lafleur, *Diaspora Studies*, Vol. 8, Issue 2, 2015.
- **T G Suresh**, Book Review, ‘China’s Hukou System: Markets, Migrants and Institutional Change by Jason Young, *China Report* Vol.50.,No.3, 2014
- **Vidhu Verma**, ‘Public Religions in a Post-secular Era: Habermas and Gandhi on Re-visioning the Political’, *Telos*, volume 167, Summer, June, 2014

### **Centre for Women’s Studies**

- **Arunima G.**, “Reading, Writing, Region: the Early Malayalam Novel and the Problem of Identity”, in N. Jayaram ed. *For Satish Saberwal: Studies and Reflections*, *Orient Blackswan*, 2015
- **Singh Lata**, “Modern’ Theatre in India: Middle Class Quest for Respectability” in *Studies in Humanities and Social Sciences*, Indian Institute of Advanced Study, Shimla, 2015
- **Roy Mallarika Sinha**, “Disciplining Gender and Gendering Discipline: Women’s Studies in Contemporary India”, in Kenneth Bo Nielsen and Anne Kristine Waldrop eds., *Women, Gender, and Everyday Social Transformation in India*, London: Anthem Press, 2014
- **Bora Papor**, “Speech of the Nation and Conversations at the Margins of the Nation-State.” *Interventions: International Journal of Postcolonial Studies*. ahead-of-print (2014): 1-17. DOI: 10.1080/1369801X.2014.984618, <http://dx.doi.org/10.1080/1369801X.2014.984618>

### **Centre for Philosophy**

- **Singh, R.P.**, “Perspectives on Consciousness: Hermeneutics and Dialectics”, *Sandarshana*, Department of Philosophy, University of Allahabad, Allahabad, Vol. XXXV, 2014, pp. 1-13
- **Singh, R.P.**, “Realm Between Immanent and Transcendent: Philosophy of K. SatchidanandaMurty”, *Journal of Indian Council of Philosophical Research*, Vol. 32, Issue 1, 2015, pp.45-58
- **Oinam Bhagat**, “Exploring the Sites of Moral Contextualism,” *Journal of Indian Council of Philosophical Research*, Vol. XXIX, No. 1, January–March 2012 (published in 2014)
- **Verma Ajay**, “Systems and Lifeworlds: A Habermasian Overview of Major Trends in Classical Indian Philosophy”, in *Studies in Humanities and Social Sciences*, Journal of the Inter-University Centre for Humanities and Social Sciences VOL. XVIII, NUMBER 1& 2, 2011 (published in 2014)

## **Centre for the Study of Discrimination and Exclusion**

- **Nasir Rosina**, “Muslim Self-exclusion and Public Health services in Delhi”, *South Asia Research*, Sage Journal, pp.133-153, July, 2014

## **Centre for Social Medicine & Community Health**

- **Acharya, Sanghmitra S**, “Resource Access among Vulnerable Youth-Understanding and Overcoming Barriers”, Sardar Patel Mahavidyalaya, *Journal of Advance Research (SPM-JAR)*, Chandrapur April, 2014, pp 23-31 (Indexed Journal)
- **Acharya, Sanghmitra S**, “Urban Development and Emerging Issues of Inclusion, Governance and Sustainability- A note on Vulnerable Populations in Urban India”, *Journal of Education and Social Policy*, Vol I No 2, December, 2014 (Indexed Journal)
- **Acharya, Sanghmitra S**, “Population Distribution and Access to Resources-Where Lies the problem?”, Hastakshep Rashtriya Sahara, 12 July, 2014 (Non-Indexed Journal)
- **Acharya, Sanghmitra S**, “Swachha Bharat Abhiyan”, Rhastakshepashtriya Sahara, 11 October, 2014 (Non-Indexed Journal)
- **Dasgupta R**, Pillai R, Kumar R and Arora NK, “Sugar, Salt, Fat & Chronic Disease Epidemic in India: Is There Need for Policy Interventions?”, Editorial, *Indian Journal of Community Medicine*, 40(2): 71-4, (2015)
- **Dasgupta R**, Sinha D, Yumnam V., “Programmatic Response to Malnutrition in India: Room for More Than one Elephant?”, *Indian Pediatrics*, 51(11): 863-8, 2014
- Arora NK, Pillai R, **Dasgupta R**, Garg P., Whole-of-society Monitoring Framework for Sugar, Salt, and Fat Consumption and Non-communicable Disease in India. *Annals of the New York Academy of Sciences*. 1331: 157–73, 2014
- **Dasgupta R**, Dasgupta P, Agrawal A., Decline in Immunization Coverage Across Well-performing Districts in India: An Urban Conundrum? *Indian Journal of Pediatrics*, 81(9): 847-49, 2014
- Mohan Rao, Prachin Godajkar, Rama Baru, **Bisht Ramila**, Ritu Priya Mehrotra, Rajib Dasgupta, Sunita Reddy, Vikas Bajpai. Draft National Health Policy 2015. A Public Health Analysis, *Economic and Political Weekly*, 25 April, 2015 Vol. I, No 17, Pg. 94-101. (Online ISSN: 2349-8846). National Journal
- **Bisht Ramila**, and Gregor’s cycle continues waiting to be metamorphosed’: women’s work and health in a transitional hill economy, *Samyukta: A Journal of Women’s Studies*. Vol XIV.No 2, July, 2014, pp 91-118. (ISSN: 2393-8013). National Journal
- **Bisht Ramila**, and Benjamin Hunter. Documenting Interventions. *The Book Review*. Volume XXXIX No. 4 April, 2015. National. (Book Review: Innovations In Maternal Health: Case Studies From India Edited by Jay Satia et al. Sage Publications, Delhi, 2014)
- Murray, Susan F, Benjamin M Hunter, **Bisht Ramila**, Tim Ensor and Debra Bick. “Effects of demand-side financing on utilisation, experiences and outcomes of maternity care in low- and middle-income countries: a systematic review”, *BMC Pregnancy and Childbirth*, 2014, 14:30. (ISSN: 1471-2393) International Journal
- Hunter Benjamin M, **Bisht Ramila**, Indira Chakravarthi, Susan F Murray, “Demand-side Financing and Promotion of Maternal Health. What Has India Learnt?”, *Economic and Political Weekly*, 2014, January 11, Vol XLIX 66 no 2, pp 6-73. (Online ISSN: 2349-8846) National Journal
- Malene Tanderup,<sup>1</sup> **Reddy Sunita**,<sup>2</sup> Tulsi Patel,<sup>3</sup> Birgitte Bruun Nielsen<sup>4</sup> “Informed Consent in Medical Decision-Making in Commercial Gestational Surrogacy: A Mixed Methods Study in New Delhi, India” *Acta Obstetrica et Gynecologica Scandinavica (AOGS)*. 2015
- **Bajpai Vikas**, Reluctance of Medical Personnel to Work in Rural Areas and the Imperative to Functionalize Peripheral Health Services; are Public Private Partnerships the Answer: An Evaluation of the Proposal to give Community Health Centers (CHCs) on PPP Mode in Uttarakhand State of India. *GJMEDPH* 2014; Vol. 3 (2).
- **Bajpai Vikas**, “The Challenges Confronting Public Hospitals in India, Their Origins, and Possible Solutions”, *Advances in Public Health*, Vol. 2014, Article ID 898502, 27 pages, 2014. doi:10.1155/2014/898502.
- **Bajpai Vikas**, “Food security: The gaffes of the past and the options for the future”, *GJMEDPH*, 2014; Vol. 3 (6): 14 pages.
- **Bajpai Vikas**, Anoop Saraya, “Pay for Performance Programs in Healthcare: An Analysis of Findings from District Mewat in Haryana State of India”, *Int. J. Preven. Curat. Soc. Med.* 2015; 1(1): 14- 34.

- **Rao, Mohan**, “Is surrogacy a legitimate way out of poverty?”, *New Internationalist*, November, 2014
- **Rao, Mohan**, “India’s Retreat from Alma Ata: A Note”, in Nirmalya Mukherjee and S. Nagarathinam (Eds), *Achieving Healthy Tribal Community in India*, Excel India, New Delhi, 2014
- **Rao, Mohan**, “Crawling Insects in a Petri Dish” in Prasanta Chakravarty (Ed), “*Shrapnel Minima: Essays from Humanities Underground*”, University of Chicago Press and Seagull India, Kolkata, 2014

### **Centre for the Study of Regional Development**

- **Banerjee A.**, N.C. Jana, Prasanta Kumar Ghosh “Comparing Patterns and Variations in Health Status between Tribes and Non-Tribes in Odisha of Eastern India with Special Reference to Mayurbhanj District”, *Journal of Geography and Earth Sciences*, December 2014, Vol. 2, No. 2, pp. 49-69, published by American Research Institute for Policy Development; DOI, ISSN 2334-2447 (Print) 2334-2455 (online)
- **Banerjee A.**, (co-authored with Vinod K.Mishra, Firdaus Fatima Rizvi, Mashkoor Ahmad), “Discrimination in the Urban Rental Housing Market: A Spatial Analysis of the Delhi Region”, *Journal of Social Inclusion Studies*, Vol. 1, Number 1, pp.135-147, July – December, 2014, RNI No. DELENG 18670/29/1/2014, ACPLicense J-9/2014.
- **Banerjee A.**, (co-authored with Bidisha Chattopadhyay) “Understanding Spatial Inequalities in Provisioning of Basic Amenities through GIS: A Case Study of Delhi: *Indian Cartographer* Vol. XXXIII 2013 published in September, 2014 pp 160-168, ISSN 0972-8392.
- **Butola, B.S.**, “Clocks, Watches and Timepieces: The Ace Biopolitical Tools”, *Sociology of Mind*, 2014, Vol. 4 pp.107-135
- **Bathla, Seema**, “Inter-sectoral Productivity Differentials in India: Is Convergence Achievable?”, (with Alwin D’Souza), *South Asian Economic Journal* Vol.16 (1), 2015
- **Bathla, Seema**, “India’s National Food Security Act 2013: Food Distribution through Revamped Public Distribution System or Food Stamps and Cash Transfers?” (with Paramita Bhattacharya and Alwin D’Souza), *Agriculture Economics Research Review*, January – June, 2015
- **Bathla, Seema**, “Public and Private Capital Formation and Agricultural Growth: State-wise Analysis of Inter-linkages during Pre- and Post-reform Periods”, *Agriculture Economics Research Review*, 27(1), January – June, 2014
- **Choudhary, B. K.**, “Health, Illness and Disease: A Political Ecology Perspective”, *Economic and Political Weekly*, Vol. 49, No. 45, pp. 60-68: 2014
- **Choudhary, B. K.**, “Formation and (re)Formation of Spatial identities under globalization”, *Journal of Regional Development and Planning*, Vol. 3, No. 1, pp. 35-48: 2014
- **Das, Bhaswati**, “Maternal Complications in Eastern States of India with Special Reference to West Bengal” (with Dipika Subba), *The Journal of Family Welfare* 06/2014; 60(1):Page 58.
- **Das, Bhaswati**, “Is Nativity on Rise? Estimation of Interstate Migration Based on Census of India 2011 for major states in India” (With Avijit Mistri), *Social Change*, 45(1):page 137
- **Das, D.N.**, “Magnetism in India’s Metros: A Study on Migrants’ Choice Of Destination, Social Change”, Vol. 44, No. 4, December 2014, PP. 519-40, ISSN 0049-0857/Online ISSN 0976-3538. (jointly with Sweta Bhusan)
- **Das, D.N.**, “Academic Performance Indicators: Straitjacketing Higher Education”, *Economic & Political Weekly*, December 13, 2014 vol xlix no 50, PP. 68-71, ISSN 0012-9976 (jointly with Saumen Chattopadhyay)
- **Dubey, Amaresh**, “Caste Dominance and Economic Performance in Rural India”, (with Vegard Iversen, Adriaan Kalwij and Arjan Verschoor), *Economic Development and Cultural Change*, Vol 62, No. 3 (April), 2014, pp. 423-457.
- **Srinivas G.**, Rammohan A. and Singh D. “The Effect of Early Marriages and Early Childbearing on Women’s Nutritional Status in India”, *Maternal and Child Health*, 10995\_2015\_1700 (2015)
- **Himanshu**, “NREGS in Rajasthan: Rationed Funds and their Allocation across Villages”, jointly with Abhiroop Mukhopadhyay and M R Sharan, *Economic and Political Weekly*, 7 February, 2015
- **Himanshu**, “Do Bigha Zameen: Dispossessing the Farmer”, *Geography and You*, January-February 2015
- **Himanshu**, “The National Rural Employment Guarantee Scheme in Rajasthan: Rationed funds and their allocation across villages”, with Abhiroop Mukhopadhyay and M R Sharan, ESID working paper number 35, University of Manchester, January, 2015
- **Mishra, D. K.**, “Food Consumption Pattern in Rural India: A Regional Perspective”, *Journal of Economic & Social Development*, 10(1):1-16. (with Abha Gupta), (2014)

- **Pani, Padmini**, "Semi-automatic detection of badlands and badland encroachment: a case study in the Lower Chambal Valley (India)", *Geocarto International*, (Taylor & Francis) (Co-authored), (2015), doi:10.1080/10106049.2015.1004130
- **Pani, Padmini**, "Watershed prioritization with reference to Drainage Characteristics and Land use/land covers Change for Sustainable Development of Mountain Regions", *Journal of Indian Geomorphology*, 2 (1), pp.46-55 (Co-authored), (2014)
- **Pani, Padmini**, "Rapid Urban Expansion and Its Implications on Geomorphology- A Remote Sensing and GIS Based Study", *Geography Journal*, 14 (1) (Hindawi), (Co-authored), (2014) doi:10.1155/2014/361459
- **Punia, Milap**, "Assessing Social Reality, is quantification enough? A case of poverty in India" (Co-authored by Yadav, A). *Transactions*, Vol. 37(1):14-26, (2015)
- **Punia, Milap**, "Merchants Migration and typologies of Development in India: A historical perspective from Shekhawati Region, India", Proceedings of ANGIS and CRMA 2015, Bangkok, Thailand, pp 30-34, (2015)
- **Punia, Milap**, "Socio-economic and ecological transformations of the peri-urban region of Gurgaon: an analysis of the trickle-down effect in the post globalization era" (Co-authored by Yadav, A), *International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences*, Vol.40 (8):1269-1276, (2014)
- **Punia, Milap**, "Urbanisation in Bihar: Need to Break Stigma!!" (Co-authored by Kumar, R). *Journal of Asian Network for GIS-based Historical Studies*, Vol. 2(2):32-42, (2014)
- **Punia, Milap**, "Socio-economic vulnerability and Sustainable Development in context of Development vs. Conservation debate: a study of Bhagirathi basin, Uttarakhand, India" (Co-authored by Nisha). *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, Vol.40 (8):77-84 (2014).
- **Punia, Milap**, "Mapping changes in spatial extent irrigated and rainfed cropped areas at the backdrop of green revolution" (Co-authored by Kumar, N). *International Journal of Research in Applied, Natural and Social Sciences*, Vol.3(1):27-40, (2014)
- **Punia, Milap**, "Three Dimensional Modelling and Rural Landscape Geo-visualization using Geospatial Science and Technology" (Co-authored by Kundu, A). *International Journal of Geography, GIS and Remote Sensing*, Vol. 3(3): 1-15, (2014)
- **Raju, S.**, (Invited) "The Work Never Ends: Gendered Realm of Domestic Workers in India", *Yojana*, Special Issue, 55-60, October, 2014
- **Raju, S.**, (with Tanusree Paul) "Gendered Labour in India: Diversified or Confined?", *Economic and Political Weekly*, 49 (29): 197-208, (2014)
- I M. Bahuguna, B. P. Rathore, Rupal Brahmhatt, **Sharma Milap**, Sunil Dhar, S. S. Randhawa, Kireet Kumar, Shakil Romshoo, R. D. Shah, R. K. Ganjoo and Ajai, "Are the Himalayan Glaciers Retreating, Current Science", Vol. 10 1008 6, No. 7, pp 1008-1013. (2014)
- Madhav K. Murari, Lewis A. Owen, Jason M. Dortch, Marc W. Caffee, Craig Dietsch, Markus Fuchs, William C. Haneberg, **Sharma Milap C.**, Amy Townsend-Small, "Timing and climatic drivers for glaciation across monsoon-influenced regions of the Himalayan-Tibetan orogen" *Quaternary Science Reviews* 88, pp.159-182. (2014)
- **Sen, S.**, "[Land and Livelihood]: Agricultural Land-use Change in India", *Geography and You*, January – February, 2015, 15(88):22-27
- **Sen, S.**, "Making Sense of Location, Place and Space", *Geography and You*, September – October 2014, 14 (86), pp: 61-64.
- **Sen, S.**, "Exclusionary Opportunities? Gendered Perspective of Work in Peri-Urban Areas of Large Metropolitan Cities in India", Asian Development Bank and International Poverty Reduction Centre, China, (2014) <http://www.adb.org/sites/default/files/related/20821/rural-urban-poverty-linkages-papers.pdf>
- **Saikia S.**, "Health Mission: Lost Opportunities in Uttarakhand" *Journal of the National Human Rights Commission India*, 13 (2014)
- **Sood, Atul**, "Aftermaths of the Min", Review of *The Political Biography of an Earthquake: Aftermath and Amnesia in Gujarat, India* by Edward Simpson, in *Biblio: A Review of Books*, Vol. XX Nos. 5 & 6 May - June, 2, (2015)
- **Sood, Atul**, "Deregulating Capital, Regulating Labour: The Dynamics in Manufacturing Sector in India", Co-authored, Special Article, *Economic and Political Weekly*, XLIX, No 26-27, 28 June, 2014
- **Srivastava, Ravi**, (with C Sathyamala, NJ Kurian, Anuradha De, KB Saxena, Ritu Priya, Rama Baru, Onkar Mittal, Claire Noronha, Meera Samson, Sneha Khalsa, Ashish Puliyel, and Jacob Puliyel), "Public Report on Health: Development of a Nutritive Value Calculator for Indian Foods and Analysis

of Food Logs and Nutrient Intake in 6 States”, *Journal of Clinical and Diagnostic Research*, May, Vol. 8(5): PC06-PC12, (2014)

- **Thorat, S. K.**, A Blue Print for Higher Education (2015)
- **Zutshi, B.**, “Rural Transformation in Carpet Weaving areas of Varanasi and Mirzapur Districts, India” *The Deccan Geographer*, Volume 52, Number 1, June 2014, pp 17-25, The Deccan Geographical Society, India.

### **Centre for Economic studies and Planning**

- Kumar, A., and Black Economy in India, Its Global Dimensions and Impact on policies: Some Critical Issues, *Mainstream*, Co-authors: Saumen Chattopadhyay, Sunil Dharan and Pavan Kumar, 8 – 14 August, 2014, Pp. 29-32
- Kumar, A., and Inflation: Understanding the Macro-Economic Linkages, *Farmer’s Forum*, Vol. 14, No. 5, October –November, 2014, Pp. 11-16
- Kumar, A., Has the Quest for Equity Become Irrelevant in India? *Janata*, Vol. 69, No 43, Pp. 9-18, 23 November, 2014
- Kumar, A., Union Budget 2015-16: Continuity with the Past Framework, *Mainstream*, 6 – 12 March, 2015
- Dhar, Biswajit, and K.S. Chalapati Rao, “India’s Current Account Deficit: Causes and Cures”, *Economic & Political Weekly*, 24 May, 2014, vol. XLIX, No 21
- Dhar, Biswajit, “The Future of the World Trade Organization”, in *A World Trade Organization For The 21<sup>st</sup> Century: The Asian Perspective*, Edited by Richard Baldwin, Masahiro Kawai and Ganeshan Wignaraja, 2014.
- Dhar, Biswajit, *Industrial Policy: Its Relevance and Currency*, Working Paper # 174, Institute for Studies in Industrial Development, New Delhi, 2014
- Dhar, Biswajit, and USTR’s Investigations on Intellectual Property Rights against India: Is there a tenable case? *Intellectual Property Watch*, Geneva, 20 October, 2014
- Dhar, Biswajit, *India’s Bilateral Investment Promotion and Protection Agreements*, UNCTAD, Geneva, 2015
- Chandrasekhar C.P., *Potential and Prospects for Private Sector Contribution to Post-2015 Development Goals: How can Development Cooperation Strengthen Engagement and Results?*, ADB Sustainable Development Working Paper Series No. 34, December, 2014
- Chandrasekhar C.P., *The Next Internet Bust*”, in *Economic and Political Weekly*, Vol XLIX No, 12, 2014
- Chandrasekhar C.P., “Banking with a difference”, in *Economic and Political Weekly*, Vol XLIX No, 32, 2014
- Chandrasekhar C.P., “Growth, Employment Patterns and Inequality in Asia: A Case Study of India”, (with Jayati Ghosh), ILO Regional Office for Asia and the Pacific, Bangkok, 2014
- Himanshu, “NREGS in Rajasthan: Rationed Funds and their Allocation across Villages”, jointly with Abhiroop Mukhopadhyay and M R Sharan, *Economic and Political Weekly*, 7 February, 2015
- Himanshu, “Do Bigha Zameen: Dispossessing the Farmer”, *Geography and You*, January – February, 2015
- Himanshu, “The National Rural Employment Guarantee Scheme in Rajasthan: Rationed funds and their allocation across villages”, with Abhiroop Mukhopadhyay and M R Sharan, ESID working paper number 35, University of Manchester, January, 2015
- Ghosh Jayati, “Can employment schemes work? The case of the rural employment guarantee in India”, in Dimitri B. Papadimitriou, ed., *Contributions to Economic Theory, Policy, Development and Finance: Essays in Honour of Jan A. Kregel*, New York: Palgrave Macmillan, New York 2014
- Ghosh Jayati, “Notes of an atheist on religion and economics”, *Symposium on Religion and economics*, *Econ Journal Watch*, Vol 12, Issue 2, May 2014, pp 166-169
- Ghosh Jayati, “Growth, industrialization and inequality in India”, in *Journal of Asia Pacific Economy*, Special Issue in memory of Melanie Beresford on Globalisation, industrialisation and labour markets in Asia, edited by Rajah Rasiah, November 2014, (ID: 974316 DOI:10.1080/13547860.2014.974316)
- Ghosh Jayati, “Capturing work: The journey of the National Sample Survey Organisation”, in *Sarvekshana*, Special 100th issue, 2014
- Ghosh Jayati, “Piketty and the resurgence of patrimonial capitalism”, *Real World Economics Review*, Symposium on Thomas Piketty’s Capital in the 21st Century, Issue 69, 2014

- Ghosh Jayati, "Beyond the MDGs: A Southern perspective on a Global New Deal", Journal of International Development, March, 2015
- Ghosh Jayati, "Beyond the MDGs: A Southern perspective on a Global New Deal", Journal of International Development, Vol 27, pp 320–329, March, 2015
- Dastidar Krishnendu Ghosh, "Corruption, efficiency wage and union leadership" (with S. Chaudhuri) Pacific Economic Review vol. 19 (2014)
- Dastidar Krishnendu Ghosh, "Corruption in delegated public procurement auction" (with D. Mukherjee) European Journal of Political Economy vol. 35 (2014)
- Dastidar Krishnendu Ghosh, "Scoring auctions: a brief survey" Studies in Microeconomics vol. 2 (2014)
- Moyo Sam, Jha Praveen, and Paris Yeros: "In Defense of Intellectual Autonomy: A Response to Hendricks", Agrarian South: Journal of Political Economy, August, 2014 Vol. 3, No. 2, Page 295-302
- Jha Praveen, and Pooja Parvati: "Assessing Progress on Universal Elementary Education in India: A Note on Some Key Constraints", Economic and Political Weekly, Vol - XLIX No. 16, 19 April, 2014
- Jha Praveen, and Avinash Kumar: "Social Resistances and the Land Question in Contemporary India" in Alternatives SUD, Volume 20.
- Rohit, "Has Globalisation Flattened the Phillips Curve?", Economic & Political Weekly, Vol. 50, No. 2, January 10, 2015. [With Anupam Das]
- Rohit, "New Macroeconomic Consensus Rules Budget 2014-15", Economic & Political Weekly, Vol. 49, No. 31, 2 August, 2014
- Rohit, "Review of The Value of Money, by Prabhat Patnaik. New York: Columbia University Press, 2009", Rethinking Marxism, Vol. 26, No. 1, pp. 140-144, January, 2014
- Banerjee, P. and Chakravarty S., "Psychological Ownership, Group Affiliation and Other-Regarding Behaviour: Some Evidence From Dictator Games," Global Economics and Management Review, 2015
- Mazumdar, Surajit, "Political Economy of the Transition from Manmohanomics to Modinomics", eSocialSciences, September, 2014
- Rawal Vikas, "Nutrition: What Needs to be Done", Economic and Political Weekly, XLIX (42), 18 October, 2014 (with Jomo Kwame Sundaram)

## Books

### *Centre for Historical Studies*

- Sharma, Yogesh, and **Malekandathil, Pius**, (ed.) "Cities in Medieval India' Primus Books, Delhi-2014, ISBN 978-93-80607-99-3.
- **Chakravarti Ranabir**, India and the Indian Ocean: Issues in Trade and Politics, Maritime History Society, Mumbai, 2014.
- **Pachua, Joy LK**, Being Mizo: Identity and Belonging in Northeast India, New Delhi, Oxford University Press, 2014, ISBN 0-19-945115-X.
- **Pachua, Joy LK**, and Willem van Schendel, The Camera as Witness. A Social History of Mizoram, Northeast India, New Delhi, Cambridge University Press, 2015, ISBN 978-1-107-07339.
- Malekandathil, Pius and Yogesh, Sharma(ed.), *Cities of Medieval India*, Primus Books, New Delhi, 2014, pp.828+viii
- **Roy, Kumkum**, (ed.) Looking Within, Looking Without: Essays in Honour of Nandita Prasad Sahai, New Delhi, Primus, 2015.
- **Ramaswamy Vijaya**, Edited book Devotion and Dissent in Indian History, Foundation Books, Cambridge University Press, Delhi, 2014.

### *Centre for Informal Sector & Labour Studies*

- **Prasad Archana**, Hindutva through the Politics of Development: Experience of BJP Ruled States, Published by All India Democratic Women's Association, Delhi State Committee, May, 2014

- **Prasad Archana**, Striving for Dignity: Survey of Live Out Domestic Workers in Delhi, Published by All India Democratic Women's Association, Delhi State Committee, November, 2014
- **Mehrotra Santosh**, India's Skills Challenge: Reforming Vocational Education and Training to Harness the Demographic Dividend, (Ed.), Oxford University Press, 2014
- **Mehrotra Santosh**, Land Policies for Growth with Equity: Transforming the Agrarian Structure in Uttar Pradesh, Sage, 2014
- **Mehrotra Santosh**, Countering Naxalism with Development: The Challenge of State Security with Social Justice, Sage, 2014
- **Kumar Avinash**, Criminalisation of Politics: Caste, Land and the State, Rawat, Jaipur, 2015
- **Kumar Avinash**, Revisiting 1956: B R Ambedkar and States Reorganisation, (with Sudha Pai), Orient Blackswan, New Delhi, 2014
- **Kumar Avinash**, The Indian Parliament: A Critical Appraisal (co-edited with Sudha Pai), Orient Blackswan, New Delhi, 2014. The book was released by Honourable Shri M. Hamid Ansari, Vice President of India at the V P House, 8 January, 2015

### ***Centre for the Study of Social Systems***

- **Oommen T.K.**, Social Inclusion in Independent India: Dimensions and Approaches. Hyderabad: Orient Black Swan, 2014
- **Jodhka S S**, Caste in Contemporary India. New Delhi: Routledge, 2015
- **Sujatha V.**, Sociology of health and medicine. New Perspectives. New Delhi: Oxford University Press, 2014
- **Kumar Vivek**, Co-Ed. Dalit: Studies in Continuity and Change. New Delhi: Samyak Prakashan, 2014
- **Srivastava Sanjay**, Entangled Urbanism. Slum, Gated Community and Shopping Mall in Delhi and Gurgaon. New Delhi: Oxford University Press, 2015
- **Singh Renuka**, Infini Comme Le Ciel (ed.) Michel Lafon, France (In French), 2014
- **Singh Renuka**, Tag Fur Tagzur (mitte) Finden: (ed.) Herder, Freiburg, Germany, (in German), 2014
- **Naraindas Harish**, Co-edited with Cristiana Bastos, Healing Holidays: Itinerant Patients, Therapeutic Locales and the Quest for Health. London: Routledge, 2015
- **Naraindas Harish**, Co-edited with Johannes Quack and William Sax, Asymmetrical Conversations: Contestations, Circumventions and the Blurring of Therapeutic Boundaries. New York, Oxford: Berghahn Press, 2014
- **Fazal Tanweer**, Nation-state and Minority Rights in India: Comparative Perspectives on Muslim and Sikh Identities. London: Routledge, 2015
- **Srinivas G.**, Dalit Middle Class: Mobility, Identity and Politics of Caste. Jaipur: Rawat Publications, 2015
- **Srinivas G.**, Intersecting Identities: Dalit Middle Class in South India. New Delhi, Gagandeep Publications, 2014

### ***Centre for Media Studies***

- **Batabyal Rakesh**, JNU: The Making of a University HarperCollins, Delhi, December 2014

### ***Centre for the Study of Discrimination and Exclusion***

- **Rao Yagati Chinna**, Series co editor (with Raj Sekhar Basu) 'Studies on Marginalities and Discrimination series', Meena Book Publication, Delhi, Tribal Revolts in Colonial Andhra (B.R.C. Reddy)
- **Rao Yagati Chinna**, Series co editor (with Raj Sekhar Basu) 'Studies on Marginalities and Discrimination series', Meena Book Publication, Delhi, Dimensions of Social Exclusion: Caste, Class and Gender (Yagati Chinna Rao, Sudhakara Karakoti)

### ***Centre for Study of Science Policy***

- **Bala Poonam**, "Diaspora, Culture and Identity: Asian Indians in America", Rawat Publications, Jaipur, ISBN: 9788131607183, 2015
- **Das Anup Kumar**, "Scholarly Communications" [Open Access for Researchers, 1]. UNESCO, Paris, ISBN: 9789231000782, 2015
- **Das Anup Kumar**, "Research Evaluation Metrics" [Open Access for Researchers, 4]. UNESCO, Paris, ISBN: 9789231000829, 2015
- **Das Anup Kumar**, "Sharing Your Work in Open Access" [Open Access for Researchers, 5]. UNESCO, Paris, ISBN: 9789231000836 (with Sanjaya Mishra), 2015
- **Das Anup Kumar**, "Introduction to Open Access" [Open Access for Library Schools, 1]. UNESCO, Paris, ISBN: 9789231000744 (with Uma Kanjilal), 2015
- **Das Anup Kumar**, "Collaboration in International and Comparative Librarianship", Information Science Reference - IGI Global, Hershey, PA, USA, ISBN: 9781466643659 (with Susmita Chakraborty), 2014

### ***Centre for Political Studies***

- **Pai Sudha**, Revisiting 1956 B.R.Ambedkar and States Reorganization (co-authored with Avinash Kumar), Orient Blackswan, New Delhi, 2014
- **Pai Sudha**, Indian Parliament: A Critical Appraisal (ed with Avinash Kumar), Orient Blackswan, New Delhi,
- **Pai Sudhai**, Handbook of Politics in Indian States Regions, Parties and Economic Reforms Oxford University Press, New Delhi, Second Edition, 2015

### ***Centre for Social Medicine & Community Health***

- **Acharya, Sanghmitra S**, Migrant Women Workers in Construction & Domestic Spaces in Delhi Metropolitan Area, Report Ministry of Women and Child Development and SATAT, New Delhi, 2014

### ***Centre for the Study of Regional Development***

- **Choudhary, B. K.**, Rural Resources and Development: Perspectives and Planning, R. K. Books, New Delhi (co-edited with M. B. Singh and A. K. Singh), 2015
- **Singh, H.**, Changing Tibal Village Landscape in a Protected Environment: Simlipal Biosphere Reserve (co-authored with B. Barik), Axis Book Pvt. Ltd, New Delhi, 2014
- **Thorat, S.K.**, Bridging the Social Gap - Perspectives on Dalit Empowerment, (edited) Sage Publications, 2014
- **Zutshi, B.**, Knowledge, Attitude, Behavior, Belief and Practices (KABBP) of Electorates in Uttar Pradesh, Centre for Law and Governance Studies, Jawaharlal Nehru University, New Delhi, April, 2014

### ***Centre for Economic studies and Planning***

- Kumar Arun, "Tax Haven, Havala and Swiss Banking", Tax Haven Team, CESP, SSS, JNU, August, 2014

### **Chapters in Books**

#### ***Centre for Historical Studies***

- **Datta Rajat**, "The Rural-Urban Continuum and the Making of a Proto-Industrial Economy in Early Modern India: A View from the East" in Pius Malekandathil and Yogesh Sharma (ed.), Cities in Medieval India, New Delhi, Primus, 2014
- **Datta Rajat**, "Towards an Economic History of Rural Households in Early Modern India: Some Evidence from Bengal in the Eighteenth Century", in Kumkum Roy (ed.), Looking within, Looking

Without: Exploring Households in the Subcontinent Through Time Essays in Memory of Nandita Prasad Sahai, New Delhi, Primus, 2015

- **Malekandathil Pius**, “Woman, Church and Syrian Christian Households in Pre-Modern Kerala” in Kumkum Roy(ed.), Looking Within, Looking Without: Exploring Households in the Subcontinent Through the Time, Essays in Memory of Nandita Prasad Sahai , Primus Books, New Delhi, pp.253-76, 2015
- **Malekandathil Pius**, “The Other as a Crusading Enemy and Collaborator: Changing Relations between the Portuguese and the Muslims of Indian Ocean, 1500-1650”, in D.N. Jha(ed.,) The Evolution of a Nation : Pre-Colonial to Post-Colonial, Essays in Memory of R.S. Sharma, Manohar Books, New Delhi, pp. 287-311, 2014
- **Malekandathil Pius**, “Resource, Environment and Power: An Overview of Environmental History of Pre-Modern India”, in Sreekala(ed.), Indian Environmental Issues : Lessons from History, St.Teresa’s College, Kochi, 2014
- **Kadam Umesh**, “The Whole World is My Home – Bhakti Tradition in Medieval Maharashtra”, paper Published in “Looking Within, Looking Without: Exploring Household in the Subcontinent through Time, Looking within, Looking Without, Nandita Prasad Sahai” ed. by Kum Kum Roy, Primus Publication, New Delhi, 2015, pp. 241-250.
- **Varma Supriya**, “Material Culture and Childhood in Harappan South Asia”, in Sally Crawford, Dawn Hadley and Gillian Shepherd, eds, The Oxford Handbook of the Archaeology of Childhood, Oxford University Press, Oxford, 2015, in press.
- **Varma Supriya**, “Mapping Histories and Practices of Potters’ Households in Ancient Indor Khera (200 BCE – 500 CE)”, co-authored with Jaya Menon, in K Roy, ed, Looking Within, Looking Without: Exploring Households in the Subcontinent Through Time, Primus, New Delhi, 2015
- **Varma Supriya**, “Archaeology of the Early Historic Urban Centres in North India: Emergence and Characteristics”, Block 3 Unit 1, MA Course, Urbanization in India, Department of History, School of Social Sciences, Indira Gandhi National Open University, New Delhi, 2015
- **Varma Supriya**, “Taxila: An Archaeological Case Study of an Urban Centre in Early Historic India”, Block 3 Unit 5, MA Course, Urbanization in India, Department of History, School of Social Sciences, Indira Gandhi National Open University, New Delhi, 2015
- **Mukherjee Aditya**, “Colonialism and the Emergence of the ‘Great Divergence’: How the Periphery Made the Centre” in D.N. Jha ed., The Evolution of a Nation, Pre colonial to Post Colonial: Essays in Memory of R.S. Sharma, Manohar, 2014
- **Mukherjee Aditya**, “Decolonisation or the Last Phase of Colonialism?” in Thierry Di Costanzo and Guillaume Ducoeur, eds., Decolonisation and the Struggle for National Liberation in India (1909-1971), Peter Lang International Academic Publishers, Frankfurt, 2014
- **Mukherjee Aditya**, “Colonialism and India’s Development Experience” in Vyjayanti Raghavan and R. Mahalakshmi, ed., Colonisation: A Comparative Study of India and Korea, Academic Foundation, New Delhi, 2015
- **Mukherjee Mridula**, “P.C. Joshi and the Foundation of the Indian Peasant Movement” in Gargi Chakravarty, ed., People’s ‘Warrior’, Words and Worlds of P. C. Joshi, Tulika Books, New Delhi, 2014
- **Mukherjee Mridula**, “Anti-colonial Movements in India: A Study of the Relationship between the National Movement and the Peasants”, in Vyjayanti Raghavan and R. Mahalakshmi, ed., Colonisation: A Comparative Study of India and Korea, Academic Foundation, New Delhi, 2015
- **Haider Syed Najaf**, “Fractional and Non-Metallic Monies in Medieval India (1200-1800)”, Small Currencies Matter: Trade and Transactions in Early Modern East Asian Economies, eds. Jane Kate Leonard and Ulrich Theobald (Brill, 2015)
- **Haider Syed Najaf**, “Language, Caste and the Secretarial Class in Mughal India”, The Development of a Nation. Essays in Memory of R. S. Sharma, ed. D. N. Jha (Manohar, 2014)
- **Mahajan Sucheta**, Chapter titled “Towards Freedom: The Making of a History” in Thierry Di Costanzo and Guillaume Ducoeur eds., “Decolonisation and the Struggle for National Liberation in India (1909-1971): Historical, Political, Economic, Religious and Architectural Aspects”, Frankfurt am Main, Berlin, Bern, Bruxelles, New York, Oxford, Wien, 2014
- **Mahajan Sucheta**, Chapter titled “Writing India 1947”, in D.N. Jha ed., The Evolution of a Nation: Pre-Colonial to Post-Colonial, Essays in Memory of R.S. Sharma, Manohar, Delhi, 2014
- **Mahajan Sucheta**, Chapter titled “Strategies of Imperial Retreat: Independence and Partition of India” in Vyjayanti Raghavan and R. Mahalakshmi eds., Colonisation: A Comparative Study of India and Korea, Academic Foundation, Delhi, 2015

### ***North East India Studies Programe***

- **Sharma G. Amarjit**, “Modernity of traditional polity in India’s North-East,” in D.V. Kumar (edited), *Modernity and Ethnic Processes in India*, Rawat Publications, 2014, xxii, p. 225, ISBN: 97881316063, pp. 170-201.
- **Baruah M**, Book Review of *The Nellie Massacre of 1983: Agency of Rioters*, by Makiko Kimura, *Asian Ethnicity*, 15:2, 256-258 (2014).
- **Baruah M**, Book Review of *Development Masculinity Christianity: Essays and Verses from India’s North East* by Tiplut Nongbri, *Indian Journal of Gender Studies*, Vol 21, No 3, pp 684-689 (October, 2014).
- **Baruah M**, Book Review of *People of the Margins: Across Ethnic Boundaries in North East India* by Philippe Ramirez, *Asian Ethnicity*, 16:1, 119-122 (2015).
- **Baruah M**, “Production Relations and Social Classes in History: Amalendu Guha’s Medieval and Early Colonial Assam” *The Book Review*, Vol. XXXIX, No. 4, pp. 11-12 (April, 2015).
- **Baruah M**, “From Colonial to Contemporary Times: Joy Pachuau and Willem van Schendel’s *The Camera as Witness*”, *The Book Review*, Vol. XXXIX, No. 5, pp. 25-26 (May, 2015).

### ***Centre for Media Studies***

- **Roy Anupama**, ‘Gender and Citizenship in India’, *The Routledge Handbook of Gender in South Asia*, edited by Leela Fernandes, Routledge, New York, 2014
- **Kumar Deepak**, ‘Botanical Explorations and the East India Company: revisiting ‘Plant Colonialism’, in V.Damodaran, A. Winterbottom and A. Lester (Eds.) *The East India Company and the Natural World*, Palgrave Macmillan, Basingstoke, pp. 16-34, 2014
- **Batabyal Rakesh**, ‘Communalism in Contemporary India 1962-1979’ in D.N. Jha (ed.) *Evolution of a Nation Pre Colonial to Post Colonial Essays in Memory of R.S. Sharma*, Manohar Publishers, Delhi, pp. 531-577, 2014
- **Batabyal Rakesh**, ‘Colonialism and Communalism in India’ in Raghvan, Vyjyanti and Mahalakshmi R., eds., *Colonisation: A Comparative study of India and Korea*, Academic Foundation, New Delhi, pp.201-220, 2014
- **Batabyal Rakesh**, ‘Gandhi’s Critique of Colonialism’, in Raghvan, Vyjyanti and Mahalakshmi R. eds. *Colonisation: A Comparative study of India and Korea*, Academic Foundation, New Delhi, pp.339-360, 2014

### ***Centre for Philosophy***

- **Oinam Bhagat**, “Violence, Impunity and the Fallout: A Tale from Manipur,” in Patrick Hoenig and Navsharan Singh (eds.), *Landscapes of Fear: Understanding Impunity in India*, New Delhi: Zubaan, 2014.
- **Oinam Bhagat**, “Dilemmas of a Receiving Community: Negotiating with Historicity and Projection,” in KomolSingha and M. Amarjeet Singh (eds.), *Identity, Politics and Economic Development in North-East India*, New Delhi: Concept, 2014.
- **Singh, R.P.**, “Gandhi’s Pluralistic Perspective on the Notion of the other” in *Embracing the Other* (Editors) Fr. Dr. Victor Edwin, Bilal Acikgoz, NurdinKaparov. 2014, New Delhi, Excel India Publishers. ISBN:9789363642889, pp.1-10.

### ***Centre for the Study of Discrimination and Exclusion***

- **Rao Yagati Chinna**, “Contours of Dalit Movements in South India: A Search for Egalitarian Social Order”, in *Subalternity, Exclusion and Social Change in India* edited by Ashok K. Pankaj and Ajit K. Pandey, (Foundation Books/ Cambridge University Press, 2014), pp. 173 – 227, [ISBN 978-93-82993-24-7]

### ***Centre for Study of Science Policy***

- **Bhaduri Saradindu**, "Competing through Technological Capability: The Case of the Indian Pharmaceutical Industry". In Daniel Drache and Lesley Jacobs (eds.): *New Policy Spaces for a Dismal Global Economic Age: International Trade and Human Rights Linkages*, Cambridge University Press (with AS Ray), 2014
- **Bhaduri Saradindu**, "Forest Policies and Tribal Traditional Medicinal Practices: A Perspective from India", *World Scientific Reference on Asia and the World Economy*, pp. 261-282, DOI: 10.1142/9789814578622\_0011 (with V.K. Deepa), 2015
- **D'Souza Rohan**, "Filling Multipurpose Reservoirs with Politics: Displacing the Modern Large Dam in India", In: *Large Dams in Asia: Contested Environments between Technological Hydroscaapes and Social Resistance*, SpringerLink, pp 61-73, 2014
- **Govind Madhav**, "Modern Science and Indigenous Techniques: Subalternity of Knowledge Production in India", In: Ashok K. Pankaj & Ajit K. Pandey (Eds.) *Subalternity, Exclusion and Social Change in India*. Cambridge University Press, New Delhi, pp. 118-148, 2014
- **Das Anup Kumar**, "Introduction: Comparative and International Librarianship", In: *Collaboration in International and Comparative Librarianship*. Hershey, PA, U.S.A.: IGI Global. DOI: 10.4018/978-1-4666-4365-9.ch002 (with S Chakraborty), 2014
- **Das Anup Kumar** "Open Access to Scientific Knowledge: Policy Perspectives and National Initiatives", In: CSIR-NISTADS (ed): *India - Science and Technology, Volume 3*. Cambridge University Press India, New Delhi, ISBN 9789384463045, pp.292-299, 2014
- **Das Anup Kumar**, "Open Educational Resources: Policy Perspectives and National Initiatives", In: CSIR-NISTADS (ed): *India - Science and Technology, volume 3*. Cambridge University Press India, New Delhi, ISBN 9789384463045, pp.16-21, 2014
- **Das Anup Kumar**, "The 7 Habits of Highly Effective Research Communicators", In: *Charaibeti: Golden Jubilee Commemorative Volume* (pp. 356-365). Kolkata, India: Department of Library and Information Science, Jadavpur University, ISBN: 9788192988603, 2014

### ***Centre for the Study of Social Systems***

- **Oommen T.K.**, 'Form and Substance of Democracy: Situating South Asia', in Akmal Hussain and Muchkund Dubey (eds), *Democracy, Sustainable Development and Peace: New Perspectives on South Asia*, New Delhi : Oxford University Press, pp. 548-53, 2014
- **Oommen T.K.**, 'Nationality, Ethnicity and Modernity: Clearing the Ground', in D.V Kumar (ed.) *Modernity and Ethnic Processes in India*, Jaipur: Rawat Publications, pp 7 -28, 2014
- **Vishwanathan Susan**, 'Readings in Indian Sociology', Volume 9 *Culture and Society*, Sage 2014 (General Editor I.P Modi)
- **Vishwanathan Susan**, 'Alternative Education and the right to Education Debates,' N.Jayaram (ed) *Ideas, Institutions and Processes, Essays in Honour of Satish Saberwal*, Orient Blackswan, 2015
- **Vishwanathan Susan**, 'Kalpathy Heritage Village: Sacred and modern,' I.P Modi edited, *Essays in Honour of Yogendra Singh Volume 2: Education, Religion and Creativity*, 2014
- **Chaudhuri Maitrayee**, "Between the global and national: multiple discourses, many convergences and the brutal end to a young life in New Delhi", in *New Media Configurations, Changing Societies* ed. Nadja-Christina Schneider, Frank & Timme, Berlin, 2014
- **Jodhka S S.**, 'Engaging with Caste; Academic Discourses, Identity Politics and State Policy' in A.K. Shiva Kumar, Preet Rustagi and Ramya Subrahmanian eds. *India's Children: Essays on Social Policy*. New Delhi: Oxford University Press. 331-49, 2015
- **Jodhka S S.**, 'Caste in India: Constructs and Currents'. *Routledge International Handbook of Diversity Studies* ed. Steven Vertovec. London: Routledge. pp. 106-14, 2015
- **Jodhka S S.**, 'Sikhism and its changing social structure' (with Kristina Myrvold) in Bryan Turner and Oscar Salemink. *Routledge Handbook of Religions in Asia*. London: Routledge. Pp 63-76, 2015
- **Jodhka S S.**, 'Changing Manifestations of Caste in the Panth'. *The Oxford Handbook of Sikh Studies*. Eds by Pashaura Singh and Louis E. Fenech. New York: Oxford University Press. 583-93. 2014
- **Jodhka S S.**, 'Rural and Agrarian Studies in India: A Survey of Contemporary Trends' (with Tanvi Sirari) in Yogendra Singh ed. *Indian Sociology: Emerging Concepts, Structure, and Change*. Oxford University Press and Indian Council of Social Science Research: 263-306. 2014
- **Mehrotra Nilika**, "Multiple Marginalities: Disability, Gender and Caste in Indian Economy," In Ishwar Modi (ed) *Gender, Identity and Multiple Marginalities*, Jaipur: Rawat Publications, 2014
- **Mehrotra Nilika**, "Women with Psychosocial Disabilities: Shifting the lens from Medical to Social" In

- Asha Hans (ed.) *Disability, Gender and Trajectories of Power*, Sage Publications, 2015
- **Srivastava Sanjay**, “Schooling, Culture and Modernity”, in Meenakshi Thapan (ed.) *Oxford University Press Reader on the Sociology of Education*. Oxford University Press, Delhi
  - **Singh Renuka**, ‘Life-World in a Cross-Cultural Marriage’ in *Globalisation, Transnationalism, Gender and Ecological Engagements* Eds. Purushottam Bilimoria & Amy Rayner, Serial Publications, New Delhi (PP. 213-218), 2015
  - **Singh Renuka**, ‘Exploring the Sita Myth’ in *Gender, Identity and Multiple Marginalities*, Ed. Ishwar Modi. Rawat Publications, Jaipur, (pp.46-63), 2015
  - **Naraindas Harish**, With Cristiana Bastos. “Introduction: Healing Holidays: Itinerant Patients, Therapeutic Locales and the Quest for Health”. In *Healing Holidays: Itinerant Patients, Therapeutic Locales and the Quest for Health*, London: Routledge, 1-6, 2015
  - **Naraindas Harish**, “Of relics, body parts and laser beams: The German Heilpraktiker and his Ayurvedic spa”. In Harish Naraindas and Cristiana Bastos (Ed.), *Healing holidays Itinerant patients, therapeutic locales and the quest for health*, London: Routledge, 67-86, 2015
  - **Naraindas Harish**, With Johannes Quack William Sax. “Introduction: Entangled Epistemes”. In Harish Naraindas, Johannes Quack and William Sax (Ed.), *Asymmetrical Conversations: Contestations, Circumventions and the Blurring of Therapeutic Boundaries*, New York, Oxford: Berghahn Press, 1-25, 2014
  - **Naraindas Harish**, “My Vaidya and my Gynecologist: Agency, authority, and risk in quest of a child”. In Harish Naraindas, Johannes Quack and William Sax (Ed.), *Asymmetrical Conversations: Contestations, Circumventions and the Blurring of Therapeutic Boundaries*, New York, Oxford: Berghahn Press, 118-162, 2014
  - **Naraindas Harish**, “Nosopolitics. Epistemic mangling and the creolization of contemporary Ayurveda”. In Martin Dinges (Ed.), *Medical Pluralism and Homeopathy in India and Germany (1810-2010). A Comparison of Practices*, Stuttgart: Franz Steiner Verlag., 105-136, 2014
  - **Fazal Tanweer**, ‘Being Muslim in India: Nation, Identity and Rights’ in Jeffrey, Robin and Ronojoy Sen eds, *Being Muslim in South Asia*, Delhi: Oxford University Press, 2014
  - **Srinivas G.**, “Class Mobility And Caste Discrimination: The Case Of Dalit Middle Class” in Yagati Chinna Rao & Sudhakara Karakoti (Ed.) *Dimensions of Social Exclusion: Caste, Class & Gender*, Meena Book Publications, New Delhi

### ***Centre for Social Medicine and Community Health***

- **Acharya, Sanghmitra S.**, “Migrant women Domestic Workers in Delhi- Some Issues and Concerns’ in Pani, S Rama Devi (ed.) *Social Security for Women*. Association of Indian Universities (AIU). New Delhi, 2014 (co-authored with Dr.Sunita Reddy).
- **Acharya, Sanghmitra S**, “Access to Water and Sanitation Facilities- Missing Linkages with the Providers and Manifestations on Health”, in Nimse, SB and MK Agarwal (eds.) *Public Health and development in India*, New Delhi Northern Book Centre. Pp 26-45 2015
- **Acharya, Sanghmitra S**, *Water and Sanitation Policy, Provisioning and Providers in India- Examining the Burden on Public Health* in Suresh Sharma (Ed.) *Maternal and Child health in India- Policies and Challenges*, 2015, New Delhi Bookwell Publishers.
- **Reddy Sunita** & Dorothy Lalneizo, “Maternal and Child Health in North East India”, in the book “*Public Health in North East India: Regional Development and Socio- Demographic Dimensions*”, ed. Sanghmitra Acharya and Hemkhothang Lungdim. Academic Publishers, New Delhi, 2014
- Sanghmitra Acharya, and **Reddy Sunita**, “Migrant Women Domestic Workers in Delhi: Some Issues and Concerns”, in Sistla Rama Devi Pani (ed.) “*Social Security for Women*”, Association of Indian Universities, New Delhi, 2014
- **Reddy Sunita**, “Assessing Tribal Health in India: Challenges and way forward”, in Deepak Kumar Behera (edi.) “*Contemporary Society Tribal Studies*”, Vol. 9 on “*Health in the Context of Tribal Culture*”, Concept Publishing Company, New Delhi, 2014
- **Reddy Sunita**, “Medical Tourism in India: Misplaced Priorities add Public Health”, in the Book, “*Maternal and Child Health in India: Policies and Challenges*”, Ed. By Suresh Sharma, Bookwell publishers, New Delhi, 2015
- **Reddy Sunita**, “Tribal Health: An interdisciplinary approach”, in the book “*Health and Tribes in India Challenges and Opportunities*”, ed. K N Dash Sarup Book publishers (P) Ltd., New Delhi , 2015
- **Reddy Sunita**, Tulsi Patel, Malene Tanderup, Birgitte Bruun Nielsen, “Breast Feeding and Bonding: Issues and Dilemmas in Surrogacy”, paper in the Volume “*Ethnographies of Breast Feeding: Cultural*

### **Centre for the Study of Regional Development**

- **Banerjee Anuradha**, Joydeep Saha, “Population Environment Interface in Urban India: A Geographical Analysis”, published in the book “Landscape Ecology and water Management”, edited by Dr. Mehtab Singh, Dr. R.B. Singh and Dr. M.I. Hassan; Springer Tokyo Heidelberg New York Dordrecht London, pp. 147-164; ISBN:978-4-431-54870-6, (2014)
- **Banerjee Anuradha**, “Migration, Regional Disparities and Social Conflicts in India”, published in the book “Development and Conflicts” edited by Debjani Roy and Kirti Avishek, Mitram Publishers, Kolkata, pp 45-67; ISBN: 978-93-80036-75-5, (March, 2015)
- **Bathla, S.**, Agro-industry: the food processing sector, chapter 13 in World Bank report: India-accelerating agricultural productivity growth, 2014.
- **Choudhary, B. K.**, Political Ecology of Climate Change: A Case of KYOTO R. S. Singh (ed.) Development and Environment, Y S Books, Delhi, 2014
- **Dubey A.**, (Co-authored with Chatterjee, P) Determinants of Child Immunisation and Measurement of Gender Bias: Evidence from Uttar Pradesh in S. B Nimse and M. K Agarwal (Eds.), Public Health and Development in India, pp. 204-221. New Delhi: Northern Book Centre, (2015)
- **Dubey A.**, (Co-authored with deHaan, Arjan) Levels and Disparities in Poverty in S. K. Thorat and N. S. Sabharwal (eds) Bridging the Social Gap: Perspective on Dalit Empowerment, Pp. 81-107, Sage, New Delhi, 2014
- **Dubey A.**, (Co-authored with Thorat S. K.) Has Growth been Socially Inclusive between 1993-93 nd 2009-10, in Balakrisnan, P.(eds) Economic Growth and its Distribution in India. pp. 396-422; Orient Blackswan, 2015
- **Himanshu**, “Poverty in India: Measurement, Patterns and Determinants”, jointly with Kunal Sen, in ‘Persistence of Poverty in India’, edited by Nandini Gooptu and Jonathan Parry, Social Science Press, 2014
- **Mishra, Deepak K.**, “Agrarian Relations and Institutional Diversity in Arunachal Pradesh”, in Barbara Harriss-White and Judith Heyer (edited) Indian Capitalism in Development, Routledge, London and New York, (2015) pp. 66-83
- **Mishra, Deepak K.**, “Developing the Border: The State and the Political Economy of Development in Arunachal Pradesh”, in David N Gellner (edited) Borderland Lives in Northern South Asia, Duke University Press, Durham and London and Orient Blackswan (2014), pp.141-162
- **Mishra, Deepak K.**, “Globalization, Economic Citizenship and India’s Inclusive Developmentalism”, in Subrata K Mitra (edited) Citizenship as Cultural Flow: Structure, Agency and Power, Springer, Heidelberg (2013) pp.187-210, (with Barbara Harriss-White and Aseem Prakash)
- **Mishra, Deepak K.**, “Party Dynamics in a Border Region: Meeting the Political Challenges of India’s North-Eastern Hill States”, in Ajay K Mehra (ed.) Party System in India: Emerging Trajectories, Lancer, New Delhi (2013) pp. 297-324. (with Partha S Ghosh)
- **Singh, H.**, “Cultivable Land and Nature of its Distribution in Cold Desert of Lahaul Spiti District of Himachal Pradesh”, Chapter 8 in Landscape Ecology and Water Management Volume-2, Chapter 8, (Ed) Mehtab Singh, Springer Japan 2014 (in press) jointly with V. Warpa pp 115-129
- **Sinha, S.**, “Literacy and Educational Development” in S.K. Thorat & Sabharwal (eds), Bridging the Social Gap, Sage 2014
- **Sinha, S.**, “Housing and Household Amenities”, in S.K. Thorat & Sabharwal (eds), Bridging the Social Gap, Sage 2014
- **Sreekesh, S.**, “Spatio-Temporal Variability of Rainfall and Temperature in Northeast India” (along with Manasi Deb) in the N Raju edited Geostatistical and Geospatial Approaches for the Characterization of Natural Resources in the Environment: Challenges, Processes and Strategies. pp-505-509 Capital Publishing Company, New Delhi. ISBN:978-93-81891
- **Sreekesh, S.**, Along with Acharya P. Characterizing and Quantifying the effect of Aerosol Optical depth over North Indian Plain During Harvestig Season in the N Raju edited Geostatistical and Geospatial Approaches for the Characterization of Natural Resources in the Environment: Challenges, Processes and Strategies. pp-232-235. Capital Publishing Company, New Delhi. ISBN:978-93-81891
- **Sreekesh, S.**, Along with Sandhya, Canal Irrigation and it Impact on Spatial and Temporal Variation in Groundwater Level: A case Study in Indira Gandhi Canal Project Stage I Command area. in the N

Raju edited *Geostatistical and Geospatial Approaches for the Characterization of Natural Resources in the Environment: Challenges, Processes and Strategies*. pp-194-197. Capital Publishing Company, New Delhi. ISBN:978-93-81891

- **Srivastava, R. S.**, “Employment, Wages, and Mobility: Interpreting Labour Market Changes in India over Three Decades”, in Tsukasa Mizushima and Hidenori Okahashi eds., *Actualities of Indian Economic Growth at Rural-Urban Crossroads*, New Horizons in South Asian Studies, Routledge, (2015, accepted)
- **Srivastava, R. S.**, “Assessing Change: Land, Labour and Employment in an Eastern UP Village, 1994-2012”, in Himanshu, Praveen Jha and Gerry Rodgers (eds.) *Longitudinal Research in Village India: Methods and Findings*, New Delhi: Oxford University Press, (2015, accepted)
- **Srivastava, R. S.**, “Growth and Informality in the Indian Economy”, in K. P. Kannan, R. P. Mangain and Preet Rustagi (eds.) *Development from the Perspective of Labour: Essays in honour of Prof. T. S. Papola* (publisher details to be communicated), (2015, accepted)
- **Srivastava, R. S.**, “Economic Geography and Development: Some Observations on India’s Experience”, in Preet Rustagi, N, Dadhich & V. Jain (eds.) *Contemporary Human Challenges in India: Essays in honour of Surjit Singh*. Rawat Publishers, (2015, accepted)
- **Srivastava, R. S.**, “Poverty, Social Protection and the Development Framework in the Post-2015 Agenda”, Tanuka Endow, Sumit Mazumdar & Mitu Sengupta (eds) *Human Development in the Global South Emerging Perspectives in the Era of Post-Millennium Development Goals*. Institute of Human Development and Manak Publications, New Delhi, 2015
- **Srivastava, R. S.**, “Youth and Social Protection”, *Policy in Focus* No. 28. Special Issue on Youth Employment. April. Brasilia: International Policy Centre for Inclusive Growth, UNDP, 2014
- **Thorat, S.K.**, *Explaining Inter –Caste Inequalities Insight from Theories*, in Vani Borooah and others, *Caste, Discrimination, and Exclusion in Modern India*, SAGE Publications, 2015
- **Thorat, S.K.**, *Social Exclusion and Poverty: Linkages, Consequences and Policies*, in Vedhu Verma (Edited) *Unequal World: Discrimination and Inequality in Modern India* OUP, 2015
- **Thorat, S.K.**, *Indian Extremism Case of Chronic Poverty, Denial of Equal Opportunity, and Violence among the Socially Disadvantage Groups*, in Santosh Mehrotra Edit, *Countering Naxalism with Development: Challenges of Social Justice and State Security*, Sage, New Delhi, 2014
- **Zutshi B.**, “Electoral Participation, Knowledge, Attitude and Practices: A Case Study of Uttar Pradesh Assembly Election 2012 (India)” *Proceedings of 2<sup>nd</sup> Annual International Inter-Disciplinary Congress* (1: 2014; Azores Islands), Published by European Scientific Institute, Printed in Republic of Macedonia, ISBN 978-608-4642-25-1, August, 2014

### ***Centre for Economic studies and Planning***

- Chandrasekhar C.P., “Development Finance in the Era of Financial Liberalization”, in Dimitri B. Papadinitriou (ed.), “Contributions to Economic Theory, Policy, Development and Finance”, New York: Palgrave Macmillan.
- Chandrasekhar C.P., “On Some Indian Perspectives on Decentralization and Development”, in Akeel Bilgrami (ed.), “Marx, Gandhi and Modernity”, New Delhi: Tulika Books.
- Himanshu, “Poverty in India: Measurement, Patterns and Determinants”, jointly with Kunal Sen, in ‘Persistence of Poverty in India’, edited by Nandini Gooptu and Jonathan Parry, Social Science Press, 2014
- Dastidar Krishnendu Ghosh, “Vertical linkage between formal and informal credit markets: Corruption and credit subsidy policy” (co-author S. Chaudhuri) in *Emerging Issues in Economic Development: A contemporary Theoretical Perspective* (Edited by S. Marjit and Meenakshi R.), Oxford University Press New Delhi, India (2014)
- Jha Praveen, and Amit Chakraborty, “Socio-Economic Inclusion and Justice: A Comparative Study of BRICS Countries with a Focus on India” in Ribeiro, Gustavo Lins, Dwyer T., Borges, A., Viola E. “Social, Political and Cultural Challenges of BRICS”, ANPOCS, 2014
- Jha Praveen, “Wage and employment Programmes in Contemporary Rural India: A Note”, in Buzgalin, A., TraubMerz, R. und M. Woejkow (Eds.) *Income Inequality and Economic*

Growth: Strategies to overcome the crisis. Moscow: Publisher Kulturnaja Rewoluzija, 2014. 406 S, ISBN 978-5-902764-36-6.

## Research Papers

### *Centre for Study of Science Policy*

- **Bala Poonam**, "Knowing Ayurveda: Historical and Cultural Reflections ", *Annals of Ayurvedic Medicine*, 3(3&4): 4-5, 2014
- **Bandyopadhyay Jayanta**, "Book Review: Islam, Shafiqul and Susskind, Lawrence E. 2013: *Water Diplomacy: A Negotiated Approach to Managing Complex Water Networks*", *Progress in Development Studies*, 15(1): 102-104, 2015
- **Bhaduri Saradindu**, "Consumption Conundrum of Bottled Water in India: An STS Perspective", *Bulletin of Science Technology & Society*, 33(5-6): 172-181 (with Aviram Sharma), 2014
- **Bhaduri Saradindu**, "Guest Editor's Note – Special Issue: Innovations in Informal Economy: Cases from Africa and India", *African Journal of Science, Technology, Innovation and Development*, 6(6): 497, 2014
- **Bhaduri Saradindu**, "Guest Editor's Note – Special Issue: Innovations in Informal Economy: Cases from Africa and India", *African Journal of Science, Technology, Innovation and Development*, 6(3): 163-164, 2014
- **Bhaduri Saradindu**, "Jugaad to Grassroot Innovations: Understanding the Landscape of the Informal Sector Innovations in India", *African Journal of Science, Technology, Innovation and Development*, 6(1): 13-22 (with Hemant Kumar), 2014
- **Bhaduri Saradindu**, "Public understanding of participation in regulatory decision-making: The case of bottled water quality standards in India", *Public Understanding of Science*, 23(4): 472-488 (with Aviram Sharma), 2014
- **Bhaduri Saradindu**, "Growth of water purification technologies in the era of 'regulatory vacuum' in India", *Current Science*, 108(8), 1421-1423 (with Aviram Sharma and Nazia Talat), 2015
- **Bhaduri Saradindu**, "Seventy-five years of National Planning Committee (1938-2013): a Recollection. *Science and Culture*", *Science and Culture*, 81(3-4) (with Noklenyanga), 2015
- **Desai Pranav N.**, "Mapping the Indian Nanotechnology Innovation System", *World Journal of Science, Technology and Sustainable Development*, 11(1): 53-65 (with Amit Kumar), 2014
- **Desai Pranav N.**, "Technology Futures Analysis in the Indian Biotechnology Innovation System", *World Journal of Science, Technology and Sustainable Development*, 11(4): 294-303, 2014
- **Desai Pranav N.**, "Ethnobotany genomics research: Status and future prospects", *Journal of Scientometric Research*, 4(1): 29-39 (with Franky Varah), 2015
- **Govind Madhav**, "Book Review: Revisiting Land Acquisition and Urban Process", *International Journal of Environmental Studies*, DOI: 10.1080/00207233.2014.971630, 2014
- **Govind Madhav**, "Social Repercussions of e-Waste Management in India: a Study of Three Informal Recycling Sites in Delhi", *International Journal of Environmental Studies*, 71(3): 241-260 (with Pooja Pandey), 2014
- **Govind Madhav**, *Outsmart Waste: The Modern Idea of Garbage and How to Think Our Way Out of It*. *International Journal of Environmental Studies*, DOI: 10.1080/00207233.2014.947739, 2014
- **Krishna V.V.**, "Changing Social Relations between Science and Society: Contemporary Challenges", *Science, Technology and Society*, 19(2): 1-27, 2014
- **Krishna V.V.** "National Green Tribunal and Environmental Justice in India", *Indian Journal of Geo-Marine Science*, 44(4), 1-9 (with Swapan Kumar Patra), 2014
- **Das Anup Kumar**, "Genesis of Altmetrics or Article-level Metrics for Measuring Efficacy of Scholarly Communications: Current Perspectives", *Journal of Scientometric Research*, 3(2): 82-92, 2014

### *Group of Adult Education*

- **Kumar Ajay**, *Research Projects Undertaken - 'Developing Participatory Business Enterprises, Capacity Building and Strategies in Community Engagement in Bridging the Urban - Rural Gap in Renewable Energy' under the project 'Rural Hybrid Energy Enterprise Systems (RHEES) - Bridging the Urban and Rural Divide'*, an international collaborative project funded by UK-India Sustainable Energy Technologies Network (ongoing since July 2013)

## Book Release/ Book Reviews

### *Centre for the Study of Social Systems*

- **Oommen T.K.**, 'Deciphering the Cultural Meaning of the 2014 General Elections' Darshan, 14 (1), pp.11-13
- **Oommen T.K.**, 'Dimensions of Progressive Politics: The Indian Context', Mainstream L11(1), Annual Number),pp 57-60, 2014-15.
- **Chaudhuri Maitrayee**, Book Review: Towards A Knowledge Society: New Identities in Emerging India by Debal K. Singha Roy (Delhi, Cambridge University Press, 2014) pp.373. Pioneer, 4 January, 2015
- **Visvanathan Susan**, Book Review: 'Whose Tranquebar,' in XLIX EPW No 43-44, 1 November, 2014
- **Jodhka S S**, 'Engaging with Caste; Academic Discourses, Identity Politics and State Policy' in A.K. Shiva Kumar, Preet Rustagi and Ramya Subrahmanian eds. India's Children: Essays on Social Policy. New Delhi: Oxford University Press. 331-49, 2015
- **Jodhka S S**, Book Review: Recasting Caste: From The Sacred To The Profane by Hira Singh. Sage Publications, New Delhi. Seminar, September, 2014
- **Jodhka S S**, 'Making sense of the triumph of the aam aadmi', The Tribune, Chandigarh, 12 February, 2015
- **Jodhka S S**, 'Lessons of 1984', The Indian Express, New Delhi, 10 November, 2014
- **Jodhka S S**, 'Gurdwara as arena' The Indian Express, New Delhi, 4 August, 2014
- **Jodhka S S**, 'Diversify This', The Indian Express, New Delhi, 2 June, 2014
- **Sujatha V.**, 'The academic performance indicators regime and its follies,' Economic and Political Weekly, Vol. L (5), 23-25, 2015
- **Rodrigues Edward A.**, Yasuumasa Sekine. 2011 'Pollution, Untouchability and Harijans: A south Indian ethnography Jaipur Rawat Publications in Contributions to Indian Sociology 49 – 1, 2015
- **Kumar Vivek**, "Bahujanvaad par Bhari Hindutva" (in Hindi, Hindutva and Bahujanism) in Hastakshep, Rashtriya Sahara, New Delhi, 24 May, 2014
- **Kumar Vivek**, Apravasi Bhartiya: Ek Samajshastriya Avlokan (in Hindi, Non Resident Indians: A Sociological Perspective), Navbharat Times, 29 November, 2014
- **Kumar Vivek**, "Compulsory Military Education and its Impact on Society" (Translated Title of Hindi Article) in Hastakshep, Rashtriya Sahara, New Delhi, 6 December, 2014
- **Kumar Vivek**, "Identity Votes and AAM Aadmi Party" (Translated Title of Hindi Article) in Hastakshep, Rashtriya Sahara, New Delhi, 14 February, 2015
- **Kumar Vivek**, "Sampradayikta men Chipa Jati Shashtra" (in Hindi, Caste Conceptualisation of Communalism), Samyantar, Vol. 46, No. 5, February, 2015, pp. 103-104.
- **Srivastava Sanjay**, Jocelyn Lim Chua 2014 In Pursuit of the Good Life: Aspiration and Suicide in Globalizing South India. In American Anthropologist, Volume 117, Number 1: 11-12, (2015).
- **Srivastava Sanjay**, 'Waking in the City', Economic and Political Weekly, Vol. XLIX, No. 14, 18 October, 2014
- **Srivastava Sanjay**, 'In Defence of Doordarshan', Economic and Political Weekly, Vol. XLIX, No. 37, 13 September, 2014
- **Fazal Tanweer**, Consistencies and Variations, Review of Nation and Family: Personal Law, Cultural Pluralism and Gendered Citizenship in India by Narendra Subramanian (Stanford University Press, 2014) in The Book Review, Vol. XXXIX No.2, February, 2015
- **Fazal Tanweer**, 'Development Leaves Muslims Out', The Hindu Businessline, 2 June, 2014
- **Fazal Tanweer**, 'It's not Faith but Politics of Conversion that Hurts', Hardnews, January, 2015
- **Vaid Divya**, Ashwini Deshpande. 2011. The Grammar of Caste: Economic Discrimination in Contemporary India, Contributions to Indian Sociology, 48 (2): 286 – 89, 2014
- **Alam Arshad**, Mohammad Sajjad's Contesting Colonialism and Separatism: Muslims of Muzaffarpur since 1857 in Indian Historical Review, 42(1) 1-3, 2015

### *Centre for Social Medicine & Community Health*

- **Rao, Mohan**, “Fighting and Living with Cancer: Social Environment of the Disease in the UK”, Review of Mike Marqusee, *The Price of Experience: Writings on Living with Cancer*, OR Books, London, for *Economic and Political Weekly* Vol.XLIX, No.33, 16 August, 2014
- **Rao, Mohan**, “Memento Mori”, Review of Atul Gawande, *Being Mortal: Medicine and What Matters in the End*, Hamish Hamilton, London, 2014, in *The Book Review*, Vol.XXXIX, No.2, February, 2015

## **Media Articles/ Newspapers/ Discussions**

### ***Archives on Contemporary History***

The Archives continues to receive the following Newspapers and Periodicals

- Chintha (Malayalam) Weekly (Complementary)
- Prajashakti (Telugu) Daily (Complimentary)
- Theekkathir (Tamil) Daily (Complimentary)
- Revolutionary Democracy (Complementary)
- Unity and Struggle (Complementary)
- Women’s Watch (Complementary)
- Ganashakti (Bengali) Daily
- New Age (Weekly)
- People’s Democracy (Weekly)
- Mainstream (Weekly)

### ***Centre for Historical Studies***

- **Chakravarti Ranabir**, Was interviewed as a panelist on Caste System in Indian History and Society by Rajya Sabha TV, December, 2014
- **Chakravarti Ranabir**, Wrote three long academic book reviews in Bangla, in the Bengali Daily, Ei Samay, May – July, September, 2014

### ***Centre for Political Studies***

- **Gudavarthy Ajay**, “Small States, Big Problems”, *The Hindu*, 12 March, 2014.
- **Gudavarthy Ajay**, ‘Debating the Secular-Communal Divide’, *The Hindu*, 25 March, 2014.
- **Gudavarthy Ajay**, ‘Campaign of Contradictions’, *The Hindu*, 8 May, 2014.
- **Gudavarthy Ajay**, ‘The Return of the Personality Cult’, *Himal South Asian*, 24 June, 2014.
- **Gudavarthy Ajay**, ‘Reducing Citizen to a Consumer’, *The Hindu*, 1 July, 2014.
- **Gudavarthy Ajay**, ‘The Uncanny Indian Voter’, *The Hindu*, 5 August, 2014.
- **Gudavarthy Ajay**, ‘A Rightward Shift in Dalit Politics’, *The Hindu*, 13 September, 2014.
- **Gudavarthy Ajay**, ‘Politics without Opposition’, *The Hindu*, 9 October, 2014.
- **Gudavarthy Ajay**, ‘Sectarianism of the Secular Brigade’, *The Hindu*, 20 November, 2014.
- **Mahajan Gurpreet**, ‘Private Interests and Public Ethics’, *The Hindu*, 14 March, 2015
- **Mahajan Gurpreet**, ‘The Real Development’, *The Indian Express*, 12 February, 2015
- **Mahajan Gurpreet**, ‘Unspoken Truth of Indian Elections’, *The Hindu*, 22 October, 2014

### ***Centre for Social Medicine & Community Health***

- **Rao, Mohan**, “Have the Gods Fled their Own Country?”, *Kafila*, 27 September, 2014
- **Sunita Reddy**, *Rashtriya Sahara*, *Hastakshep*, “MaaBachokakuposhan, peedhipaargaribhi” , 12 July, 2014
- **Sunita Reddy**, *Rashtriya Sahara*, *Hastakshep*, “Padayajayeapadhaprabhandankapaat” , 20 September, 2014

## Any Others Information

### *Centre for Study of Science Policy*

- **Krishna V.V.**, First Charles and Monique Morazé Prize 2013, institutionalised by the FMSH Paris, awarded to Science, Technology and Society (STS) journal and it's Editor-in-Chief.

### *Centre for the Study of Social System*

- **Singh Yogendra**, Member, ICSSR National Fellowship Committee, 2014 – 15
- **Nongbri Tiplut**, Organised an Interactive Session for Students, Faculty and Staffs of North East India at Convention Centre, JNU, 21 September, 2014
- **Nongbri Tiplut**, Organised an Open Debate on Problems faced by people of Northeast in India's Metros at Convention Centre, JNU, 16 February, 2015
- **Visvanathan Susan**, Consultant to Salt Lake Open University, Kolkatta, 2015
- **Visvanathan Susan**, Consultant to Smithsonian Museum and Rajeev Sethi Foundation for Crafts, 2015
- **Visvanathan Susan**, Consultant to International Institute of Asian Studies, Leiden, Netherlands.
- **Visvanathan Susan**, Consultant to Cologne University, Germany.
- **Mehrotra Nilika**, Director, Educational Records and Research Unit, School of Social Sciences, October, 2014 onwards
- **Mehrotra Nilika**, Provost, Paschimabad-II JNU March, 2015 onwards
- **Sujatha V.**, Member, Expert Committee on Curriculum development in Sociology, Haldwani Open University, Uttarakhand.
- **Sujatha V.**, Member on the Centre Committee of the Centre for Social Medicine and Community Health, JNU
- **Sujatha V.**, Coordinator, Global Studies Programme, Centre for the Study of Social Systems, JNU
- **Rodrigues Edward A.**, Course coordinator for the courses Political Sociology and Sociology of Religion at the M.A. level in the E Pathshala program organized by the HRD ministry GOI
- **Kumar Vivek**, Member of Editorial Board of Daltri Journals (Journal of Tribal Intellectual Collective India ISSN 2321-5437; Indian Journal of Dalit and Tribal Social Work ISSN 2320-2130; and Indian Journal of Dalit and Tribal Studies and Action ISSN 2321-5429), Published by Tata Institute of Social Sciences, Mumbai
- **Kumar Vivek**, Member of Editorial Board of 'Journal of Diaspora Studies', Published by Organization for Diaspora Initiatives (ODI), Published in collaboration with Routledge, Taylor and Francis, U.K., ISSN 0973-9572
- **Kumar Vivek**, Member of Editorial Board of Journal the Voice, Published by Gautam Buddha Kalyan Sansthan, Varanasi, ISSN 2348-6708
- **Kumar Vivek**, Member of Advisory Board of Journal 'Vikas Vani Journal', Published by Xavier Institute of Development Action and Studies (XIDAS) and Xavier Institute of Management (XIMJ), Jabalpur, ISSN 0974-8083
- **Kumar Vivek**, Member of Advisory Board of Journal 'Deliberative Research', R.N.L. Publishers, Firozabad, ISSN 0976-1136.
- **Kumar Vivek**, Member of Advisory Board of Journal 'Aryavart Shodh Vikas Patrika', Ravi Publishers, Ballia, ISSN 2347-2944
- **Kumar Vivek**, Member of Anti Ragging Committee, Jawaharlal Nehru University, New Delhi.
- **Kumar Vivek**, Member of Editorial Board of Monthly Magazine 'Dalit Dastak', ISSN – 2347-8357
- **Kumar Vivek**, Member of Screening Committee (Research Projects), University Grants Commission, New Delhi
- **Kumar Vivek**, Member of Selection Committee (Research Projects), University Grants Commission, New Delhi
- **Kumar Vivek**, Incharge Ambedkar Chair in Sociology, Centre for the Study of Social Systems
- **Kumar Vivek**, Deputy Coordinator CAS, Centre for the Study of Social Systems
- **Naraindas Harish**, Colloquium Convener, CSSS, School of Social Sciences, JNU, 2014-2015
- **Naraindas Harish**, Member of the CAS advisory group, CSSS, School of Social Sciences, JNU, 2014-2015

- **Naraindas Harish**, Member of the GSP advisory group, CSSS, School of Social Sciences, JNU, 2014-2015
- **Naraindas Harish**, Member of the JNU Library Committee for the CSSS, SSS, 2014-2015
- **Akoijam A. Bimol**, Member, Irom Sharmila Scholarship Committee, New Delhi
- **Akoijam A. Bimol**, Discussant at 'Disability Rights and Advocacy' organized by CSSS on "Disability Studies in India: Reflections on Future", at the JNU, New Delhi, 26 February, 2015
- **Akoijam A. Bimol**, Chair a sessions on 'Reimagining Indias North East: Narratives, Networks and Negotiations', Centre for North East Studies and Policy Research, Jamia Millia Islamia, Central University, New Delhi, 4 – 6 February, 2015
- **Akoijam A. Bimol**, Member, Project Advisory Committee, Indian Council of Social Sciences (ICSSR) Sponsored Project, 'State, Ethnicity and Development: A Study of Ethnic Assertions, Conflicts and Movements in North East India'
- **Srinivas G.**, Member, Board of Studies of SSS, JNU
- **Srinivas G.**, Coordinator of Remedial Classes at School of Social Sciences
- **Srinivas G.**, Dean's Nominee in Purchasing Committee of SSS
- **Srinivas G.**, Member, Standing Technical Committee of SSS
- **Srinivas G.**, Member, Executive Committee, Global Research Forum on Diaspora and Transnationalism
- **Srinivas G.**, Evaluated presentations of participants of 37<sup>th</sup> Refresher Course in Sociology on Thursday, at ASC, JNU, 16 October, 2014
- **Srinivas G.**, Judge at the 4<sup>th</sup> National Trilingual Debate Competition (English section) MIRAAS organized by Jamia Millia Islamia, New Delhi, 13 March, 2015
- **Vaid Divya**, Coordinator of the section on "Notes on Method" of the journal Studies in Indian Politics, Sage

### ***Centre for Social Medicine & Community Health***

- The Centre has organized a Panel Discussion on "Remembering a Betrayal: Bhopal 30 Years After" in collaboration with Bhopal Gas Peedith Sangharsh Sahayog Samiti (BGPSSS), Delhi, 27 November, 2014
- CSMCH is working towards introducing the DrPH program which will be the first of its kind in the country. It is now with the UGC for notification.

### ***Centre for Economic studies and Planning***

- Kumar, A., Nehru's Legacy in the Present Juncture: Assessing Economic Success and Failures, Mainstream, 30 May –5 June, 2014
- Kumar, A., Tackling India's economic headwinds, The Hindu, Saturday, 7 June, 2014
- Kumar, A., Political will matters ultimately, Frontline, 27 June, 2014, Pp.12-14.
- Kumar, A., Planning in a Modern Economy: Is its Role Over in India? Mainstream, 5 – 11 September, 2014, Pp. 7-10.
- Kumar, A., For a place on the world stage, The Hindu, Friday, 10 October, 2014
- Kumar, A., Secrecy in the name of privacy, The Hindu, Saturday, 1 November, 2014.
- Kumar, A. When accountability is not institutional, The Hindu, Thursday, 8 January, 2015
- Kumar, A., A social role for NITI Aayog, The Hindu, Tuesday, 17 February, 2015
- Kumar, A., Kalyankari Rajya Ki Chhunautiyan, Samyantar, April, 2014, Pp. 12-17.
- Dhar Biswajit, Tackling the exports headwinds, Financial Express, 19 March, 2015
- Dhar Biswajit, Fixing BIPPA, Financial Express, 24 February, 2015
- Dhar Biswajit, Indo-US trade ties – Obama needs to walk the talk, Financial Express, 5 February, 2015
- Dhar Biswajit, Stemming the trade deficit, Financial Express, 8 January, 2015
- Dhar Biswajit, India's RCEP challenge, Financial Express, 3 December, 2014
- Dhar Biswajit, Fuelling Narendra Modi's "Make in India", Financial Express, 7 October, 2014
- Dhar Biswajit, IPR policy must drive innovation, Financial Express, 22 September, 2014
- Dhar Biswajit, Mitigating FTA challenges, Financial Express, 27 August, 2014

- Dhar Biswajit, World Trade Organisation bigwigs blocking bid for a balanced deal, Economic Times, 2 August, 2014
- Dhar Biswajit, BRICS gains currency in Brazil, Financial Express, 21 July, 2014
- Dhar Biswajit, For a better trade balance, Financial Express, 21 April, 2014
- Dhar Biswajit, Patently partial, Financial Express, 4 April, 2014
- Chandrasekhar C. P., Fortnightly Economic Columnist, Frontline (titled Economic Perspectives).
- Chandrasekhar C. P., Fortnightly Economic Columnist, Business Line (titled Macroscan)
- Chandrasekhar C. P., Column on website of The Hindu ([www.thehindu.com](http://www.thehindu.com)), titled Economy Watch.
- Ghosh Jayati, Regular columns in Frontline magazine (Preoccupations) and Businessline newspaper (Macroscan)
- Ghosh Jayati, Periodic columns in The Guardian newspaper and Guardian Development Blog
- Ghosh Jayati, Contributed to preparation of Trade and Development Report 2014: Global Governance and Policy Space for Development, of UNCTAD, Geneva.
- Mazumdar, Surajit, "On Union Budget 2014-15" (Commentary), eSocial Sciences, August, 2014.
- Mazumdar, Surajit, "Budget 2014-15: The Worst Yet to Come?", [vikalp.ind.in](http://vikalp.ind.in), 19 July, 2014
- Mazumdar, Surajit, "Capitalism, Caste and the Struggle for Social Transformation", [vikalp.ind.in](http://vikalp.ind.in), 12 October, 2014.

## Centre for the Study of Law and Governance

### Journal Articles

- **Jayal, Niraja Gopal.** “Affirmative Action in India: Before and After the Neo-liberal Turn” in *Cultural Dynamics*. Vol. 27(1) March 2015. Special Issue: Neoliberalism, Inequality and the Cultural Politics of Affirmative Action.
- **Singh, Amita,** “*Enhancing Capacity to Govern through Big Data*”, Sri Lanka Journal of Business Economics, Vol. 4, 2013.
- **Baxi, Pratiksha.** “Sexual Violence and Its Discontents” in *Annual Review of Anthropology*, Vol. 43: 139-154, October 2014.

### Non-referred publications

- **Jayal, Niraja Gopal** “Finding the Citizen in the City”, in *The City & South Asia*. Cambridge, Mass.: Harvard South Asia Institute. 2014
- **Jayal, Niraja Gopal** “Politics on and of the Margins”, in *Seminar (From the Margins: a symposium on life, living and struggle in Delhi’s urban periphery)* No. 663: November, 2014

### Chapters in Books

- **Jayal, Niraja Gopal,** “Indian Citizenship: A Century of Disagreement” in Engin F. Isin and Peter Nyers, eds. *Routledge Handbook of Global Citizenship Studies*. Abingdon, Oxon: Routledge 2014.
- **Jayal, Niraja Gopal,** “The Rival Representative Claims of Parliament and Civil Society in India” in Sudha Pai and Avinash Kumar, eds. *The Indian Parliament: A Critical Appraisal*. Delhi: Orient Blackswan. 2014.
- **Singh, Amita,** “How Much Land does a Man Need?” in Rabindranath Bhattacharyya and Mohd. Martadha, Delhi: Mittal, 2015
- **Prakash, Amit,** “Post-colonial Indian State and Tribes: Nationalist Discursive Structures and a New Hegemonic Consensus”, in Sandhya Goswami ed., *Troubled Diversity: The Political Process in the Northeast India*, New Delhi: Oxford University Press, 2015, pp. 24-47.
- **Baxi, Pratiksha,** “Child Bears Witness: menace, despair and hope in a courtroom”, in Roma Chatterji, ed. *Wording the World: Veena Das and Scenes of Inheritance*, New York: Fordham University Press, 2014.
- **Singh, Jaivir,** “Delegation of Legislation in India: Constitutional Imperatives and the Economy of Politics”, in Sudhapai and Avinash Kumar (eds.) *The Indian Parliament: A Critical Appraisal* New Delhi: Orient BlackSwan 2014 pp 231 -257
- **Singh Jaivir,** “Who is a Worker? Searching the Theory of the Firm For Answers”, in K V Ramaswamy (ed.) *Labour, Employment and Economic Growth in India* Delhi Cambridge University Press pp 263 -291

### Newspaper Articles and Blogposts

- **Singh, Amita,** Rajasthan Patrika, Adhyadesh Ki Sarkar, 4 January, 2015, link: <http://epaper.patrika.com/409904/Rajasthan-Patrika-Jaipur/04-01-2015#page/1/1>
- **Baxi, Pratiksha,** Political Apparatus of Rape in India, Oxford University Press Blog, 19 June, 2014 <http://blog.oup.com/2014/06/political-apparatus-of-rape-in-india/>
- **Baxi, Pratiksha,** The Despair of Badaun, Indian Express, 3 June, 2014 <http://indianexpress.com/article/opinion/columns/the-despair-of-badaun/>
- **Baxi, Pratiksha,** Subversion of Justice, Daily News and Analysis, 28 May, 2014 <http://www.dnaindia.com/analysis/column-subversion-of-justice-1991707>

## Special Centre for Molecular Medicine

### Journal/Research Articles/Papers

- C-terminal domain of CagX is responsible for its interaction with CagT protein of Helicobacter pylori type IV secretion system. Gopal GJ, Pal J, Kumar A, **Mukhopadhyay G**. Biochem Biophys Res Commun. 2015 Jan 2;456(1):98-103. doi: 10.1016/j.bbrc.2014.11.041. Epub, 21 November, 2014.
- Pregnane and Xenobiotic Receptor gene expression in liver cells is modulated by Ets-1 in synchrony with transcription factors Pax5, LEF-1 and c-Jun. Kumari S, Saradhi M, Rana M, Chatterjee S, Aumercier M, **Mukhopadhyay G**, Tyagi RK. Exp Cell Res. 2015 Jan 15;330 (2):398-411. doi: 10.1016/j.yexcr.2014.09.020. Epub, 1 October, 2014
- Molecular mechanisms of action of herbal antifungal alkaloid berberine, in *Candida albicans*. Dhamgaye S, Devaux F, Vandeputte P, Khandelwal NK, Sanglard D, **Mukhopadhyay G**, Prasad R. PLoS One. (8):e104554. doi: 10.1371/journal.pone.0104554. eCollection 2014. 8 – 9 August, 2014
- Singh N, Haldar S, Tripathi AK, Horback K, Wong J, Sharma D, Beserra A, Suda S, Anbalagan C, Dev S, **Mukhopadhyay CK**, Singh A. Brain iron homeostasis: from molecular mechanisms to clinical significance and therapeutic opportunities. *Antioxid Redox Signal*. 20:1324-63, 2014
- Tapryal N, Vivek G V, **Mukhopadhyay CK**. Catecholamine Stress Hormones Regulate Cellular Iron Homeostasis by a Posttranscriptional Mechanism Mediated by Iron Regulatory Protein: Implication in Energy Homeostasis. *J Biol Chem*. 290:7634-46, 2015.
- Kumari S, Saradhi M, Rana M, Chatterjee S, Marc Aumercier M, Mukhopadhyay G and **Tyagi RK** (2015) Pregnane & Xenobiotic Receptor gene expression in liver cells is modulated by Ets-1 in synchrony with transcription factors Pax5, LEF-1 and c-June. *Experimental Cell Research* 330: 398-411.
- Dash AK, Yende AS, Kumar S, Singh SK, Kotiya D, Rana M, **Tyagi RK** (2014) The Constitutive Androstane Receptor (CAR): a Nuclear Receptor in Health and Disease. *Journal of Endocrinology and Reproduction* 18: 59-74.
- Narayanaswamy N, Kumar M, Das S, Sharma R, Samanta PK, Pati SK, **Dhar SK**, Kundu TK, Govindaraju T (2014). A Thiazole Coumarin (TC) Turn-On Fluorescence Probe for AT-Base Pair Detection and Multipurpose Applications in Different Biological Systems. *Sci Rep*. 4:6476.
- Srivastava S, Bhowmick K, Chatterjee S, Basha J, Kundu TK, **Dhar SK**. (2014) Histone H3K9 acetylation level modulates gene expression and may affect parasite growth in human malaria parasite *Plasmodium falciparum*. *FEBS J*. 281:5265-78
- Dana S, Prusty D, Dhayal D, Gupta MK, Dar A, Sen S, Mukhopadhyay P, Adak T, **Dhar SK**. (2014) The potent Anti-malarial activity of Acriflavine *in vitro* and *in vivo*. *ACS Chem Biol*. 9:2366-73.
- Mishra RC; Gundala SR; Karna P.; Lopus M.; Gupta KK; Nagaraju, M.M; Hamelberg D.D; **Tandon Vibha**, Panda; P. Michelle D Reid. *Bioorg. Design, Synthesis and Biological Evaluation of Di-substituted Noscapiene Analogs as Potent and Microtubule-Targeted Anticancer Agents*. Ms. No.: BMCL-D-15-00096R. *Med. Chem. Letters*. Just Accepted.
- Urvashi, Rastogi G.K., Ginotha S.K., Agarwal A, **Tandon V**, An expedient approach to 1,2-dihydroisoquinoline derivatives via cobalt catalyzed 6- endo dig cyclization followed by Mannich condensation of o-alkynylarylaldimines. *Org Biomol Chem*. 2015 January 2;13(4):1000-7.
- Hemlata Nimesh, Souvik Sur, Devapriya Sinha, Pooja Yadav, Prachi Anand, Priyanka Bajaj, Jugsharan S. Virdi, **VibhaTandon**. Synthesis and Biological Evaluation of Novel Bisbenzimidazoles as Escherichia coli Topoisomerase IA Inhibitors and Potential Antibacterial Agents. *J. Med. Chem*. 2014, 57, 5238–5257.
- Henary M, Narayana L, Ahad S, Gundala SR, Mukkavilli R, Sharma V, Owens EA, Yadav Y, Nagaraju M, Hamelberg D, **Tandon V**, Panda D, Aneja R. Novel third-generation water-soluble noscapine analogs as superior microtubule-interfering agents with enhanced antiproliferative activity. *Biochem Pharmacol*. 2014 November 15;92(2):192-205.
- Gupta M, Sajid A, Sharma K, Ghosh S, Arora G, Singh R, Nagaraja V, **Tandon V**, Singh Y. HupB, a nucleoid-associated protein of Mycobacterium tuberculosis, is modified by serine/threonine protein kinases in vivo. *J Bacteriol*. 2014;July;196(14):2646-57.
- Enterohepatic re-circulation of bioactive ginger phytochemicals is associated with enhanced tumor growth-inhibitory activity of ginger extract. Gundala SR, Mukkavilli R, Yang C, Yadav P, **Tandon V**, Vangala S, Prakash S, Aneja R. *Carcinogenesis*, 2014 June;35(6):1320-9.

- Kuhulika Bhalla, Monika Chugh, Sonali Mehrotra, Sumit Rathore, Sultan Tousif, Ved Prakash Dwivedi, Prem Prakash, Sachin Kumar Samuchiwal, Sushil Kumar, Dhiraj Kumar Singh, Swapnil Ghanwat, Dhiraj Kumar, **Gobardhan Das**, Asif Mohammed, Pawan Malhotra, and Anand Ranganathan. Host ICAMs play a role in cell invasion by *Mycobacterium tuberculosis* and *Plasmodium falciparum*. *Nature Communication*. doi: 10.1038/ncomms7049, 2014.
- Md. Aejazur Rahman, ParveenSobia, Ved Prakash Dwivedi, Pawan Sharma, Luc Van Kaer, **Gobardhan Das**. *Mycobacterium tuberculosis* TlyA negatively regulates Th1 and Th17 differentiation and promotes tuberculosis pathogenesis. *J. Biol. Chem (In press)*, 2014.
- Pawan Kumar, Vini John, Soumitra Marathe, **Gobardhan Das**, and Sangeeta Bhaskar. *Mycobacterium indicuspranii* induces dendritic cell activation, survival and Th1/Th17 polarization potential in TLR-dependent manner. *J. Leu. Biol.*doi:10.1189/jlb.1A0714-361R., 2015.
- Sultan Tousif, Dhiraj Kumar Singh, PrashiniMoodley, Maitree Bhattacharyya, and **Gobardhan Das**. Isoniazid (INH) induces apoptosis of activated CD4<sup>+</sup> T cells: Implications for post-therapy tuberculosis reactivation and re-infection. *J Biol Chem*. 2014 Oct 31;289(44):30190-5., 2014.
- Debapriya Bhattacharya, Ved Prakash Dwivedi, Luc Van Kaer, Prashini Moodley, **Gobardhan Das**. Simultaneous inhibition of T helper 2 and T regulatory cell differentiation by small molecules enhances Bacillus Calmette-Guérin vaccine efficacy against *Mycobacterium tuberculosis*. *J Biol Chem*. 2014 Nov 28;289(48):33404-11., 2014.
- Samuchiwal SK, Tousif S, Singh DK, Kumar A, Ghosh A, Bhalla K, Prakash P, Kumar S, Trivedi AC, Bhattacharyya M, Das G, Ranganathan A. A novel peptide interferes with *Mycobacterium tuberculosis* virulence and survival. *FEBS Open Bio*. 7;4:735-40., 2014.
- Samuchiwal SK, Tousif S, Singh DK, Kumar A, Ghosh A, Bhalla K, Prakash P, Kumar S, Bhattacharyya M, Moodley P, **Das G**, Ranganathan A. A peptide fragment from the human COX3 protein disrupts association of *Mycobacterium tuberculosis* virulence proteins ESAT-6 and CFP10, inhibits mycobacterial growth and mounts protective immune response.*BMC Infect Dis*;14:355., 2014.
- Pawan Kumar, Rohit Tyagi, **Gobardhan Das**, and Sangeeta Bhaskar. *Mycobacterium indicus pranii* and *Mycobacterium bovis* BCG Lead to Differential macrophage Activation in TLR-Dependent Manner. *Immunology*; 143(2):258-68., 2014.
- Debapriya Bhattacharya, Ved Prakash Dwivedi, Mamoudou Maiga, Mariama Maiga, Luc Van Kaer, William R Bishai & **Gobardhan Das**. Small molecule-directed immunotherapy against recurrent infection by *Mycobacterium tuberculosis*. *J. Biol. Chem*. 289(23):16508-16515., 2014.
- Bag P, Ojha D, Mukherjee H, Halder UC, Mondal S, Biswas A, Sharon A, Van Kaer L, Chakrabarty S, **Das G**, Mitra D, Chattopadhyay D. A dihydro-pyrido-indole potently inhibits HSV-1 infection by interfering the viral immediate early transcriptional events. *Antiviral Res*. 105:126-34., 2014.

## Chapters in Books

- Kavita Bharati, Saswat K Bal, Shalini Saini, Vikash Bhardwaj and **Chinmay K. Mukhopadhyay**. "Role of Iron in Leishmania-Macrophage Interaction" in 'Leishmania: Current Biology and Control' Caister Academic Press, UK (2015), pp-37-53
- **RK Tyagi** and Asis Datta (2014) 'Translation of Genetic Message' 'Textbook of Biochemistry and Human Biology' Edited GP Talwar, L.M. Srivastava (eds). Prentice-Hall of India Pvt. Ltd.

## Patent filed

- **Dhar S.K.**, Method of screening anti-Plasmodial activity of acriflavin as an antimalarial agent" International patent filed PCT/IN2013/000411 and National Phase Application filed in U.S.A. No.: 14/423,477.

## Special Centre for Sanskrit Studies

### Research Paper/Journal Articles

- **Kumar Sudhir**, “Padpath ki Padhti aur Padpathkar” published in International refereed journal (Drashan) ISSN 2320-8325, May, 2014
- **Kumar Sudhir**, “Geeta ki Vedic Drashti ka Vedikatva”, published in International refereed journal (Pramana) ISSN 2449-2976, May, 2014
- **Kumar Sudhir**, “Vishva Shanti Staphana ke Vedic Aayama”, published in National refereed journal (Gurukula shodh Bharti) ISSN 0974-8830, March, 2015
- **Kumar Sudhir**, “Mata Nirmata Bhavti”, accepted for publication in International non refereed journal (Gurukula Patrika) ISSN 0976-8-17, January – June, 2015
- **Kumar Sudhir**, “Vedarth Ki Padditiyan”, accepted for publication in International refereed journal (Sanskrit Manjari) ISSN 2278-8360, May, 2015
- **Kumar Sudhir**, “Vedarth ki Prampara:Ek Vivachana”, accepted for publication in International refereed journal (Vedvidya) ISSN 2230-8962, May, 2015
- **Mishra Rajnish Kumar**, “Abhinava Gupta on Exposition and Meaning”, in Prazanath: A discourse on Kashmiri identity and culture, Special Issue on Abhinavagupta (Guest Editor: Prof. Kapil Kapoor), Vol.1, No. 1-4

### Books

- **Chowduri Rao Upender** Guruparamparā Sanskrit Poem, Prithavi Prakashan, New Delhi, 2014
- **Jha R. N.**, Darshanika Sampratyaya Kosha, (Bharatiya Bauddhika Parampara - I), (edited) Special Centre for Sanskrit Studies, JNU and DK Printworld, New Delhi, 2014. ISBN: 978-81-246-0742-8
- **Jha R. N.**, Shlokavarttikam Vol. I (Sanskrit Text and English Translation with Notes and Romanized Form, (edited) Vidyanidhi Prakashan, Delhi, 2014. ISBN 978-93-80651-84-2 (Set), 978-93-80651-85-9 (Vol. I)
- **Jha R. N.**, Shlokavarttikam Vol. II (Sanskrit Text and English Translation with Notes and Romanized Form), (edited) Vidyanidhi Prakashan, Delhi 2014. ISBN 978-93-80651-84-2 (Set), 978-93-80651-86-6 (Vol. II)
- **Kumar Sudhir**, Ishvar Mimamsa, Shivalik Publication Delhi. ISBN 978-93-83838-82-0
- **Kumar Sudhir**, Vedic Manjusha, Shivalik Publication Delhi. ISBN 978-93-83838-79-0
- **Kumar Sudhir**, Saral Yoga Darshana, (Ed.) Vidyanidhi Publication Delhi 978-93-80651-64-4
- **Kumar Sudhir**, Shri Ram Ek Vivachana, (Ed.) Shivalik Publication Delhi. ISBN 978-93-83838-80-0

### Chapters in Books

- **Kumar, S.P.**, “The Concept of Categories in Vaiśeṣika Philosophy”, in categorisation in India Philosophy Thinking inside Box. Ed. Jessica Frazier, U.K.: Ashgate, 2014: 89-100
- **Kumar, S.P.**, “Mīmāṃsā Darśana Śābara-Bhāṣya mein Vākyārtha-Vicāra”, in Lakṣmīkāntayaśobhusanam Acharya Lakshmi Kant Dixit Felicitation Volume. Ed. Dr. Surendra Pal Singh, Allahabad: Vibha Prakashan, 2014: 160-171
- **Jha, R. N.**, “Exploring Parallels between the Philosophy of Upanisads and Daoism”, under the book title ‘Brahman and Dao (A Comparative Studies of Indian and Chinese Philosophy and Religion)’, edited by Ithmar Theodor and Zhihua Yao, United Kingdom: Lexington Books, 2014: 19 - 34 ISBN: 978-0-7391-7172-1
- **Mishra Rajnish Kumar**, “Religious Art in Cambodia: Shaivism, Vaishnavism and Buddhism”, as Ch. 16 in Mekong-Ganga Axis (ed. Pankaj Mittal et.al.), Delhi: D. K. Printworld (P) Ltd. And BPL Mahila Vishwavidyalaya, 2015
- **Mishra Rajnish Kumar**, “Art as Yoga and Yoga as Therapy”, as Ch. 30 in Science of Consciousness, Psychotherapy and Yoga Praxis, (ed. Ram Nath Jha), Delhi: Vidyanidhi Prakashan, 2015

## Special Centre for Nano Sciences (SCNS)

### Journal/Research Articles

- T. Akdas, M. Distaso, S. Kuhri, B. Winter, **B. Birajdar**, E. Spiecker, D. M. Guldi, W. Peukert, The effects of post-processing on the surface and the optical properties of copper indium sulfide quantum dots. *Journal of Colloid and Interface Science*, 445: 337-347, 2015
- Rohtash Kumar, Jitendra Saha, S. Patnaik, and **Balaji Birajdar**, Synthesis, Microstructure and Dielectric Properties of Tin Doped Barium Titanate. *Adv. Sci. Lett.*, 20, 1551-1553, 2014
- Anuj Chopra, **Balaji I Birajdar**, Andreas Berger, Marin Alexe and Dietrich Hesse, Thickness-dependent cation order and disorder in PbSc<sub>0.5</sub>Ta<sub>0.5</sub>O<sub>3</sub> thin films grown by pulsed laser deposition. *New Journal of Physics*, 16, 013059 (14pp), 2014
- **Pratima R. Solanki**, Recent trends in gelatin nanoparticles in biomedical application to be published in "Advances in Nanomaterials" by Springer publisher, 2015
- Anshu Sharma, Kamla Rawat, **Pratima R. Solanki**, H.B. Bohidar, Gelatin-Ionic liquid Based Platform for Glucose Detection. *Current Topics in Medicinal Chemistry*, 15 (13), 1257-1267 DOI: 10.2174/1568026615666150330112429, 2015
- Anshu Sharma, Dinesh Baral, Kamla Rawat, **Pratima R. Solanki**, H. B. Bohidar Biocompatible Capped Iron Oxide Nanoparticles for Vibrio cholerae Detection. *Nanotechnology*, 26, 175302 (10pp), 2015
- R.Kaintura, Purnima Sharma, Samer Singh, Kamla Rawat, **Pratima R. Solanki** Gelatin nanoparticles as a Delivery system for Proteins. *J Nanomed Res* 2(1): 00018, 2015
- Potential of Gelatin-Zinc Oxide Nanocomposite as Ascorbic acid Sensor, Kamla Rawat, A Sharma, **P R Solanki** and H. B. Bohidar, *Electroanalysis*, 2015
- Md. Azahar Ali, **Pratima R. Solanki**, Saurabh Srivastava, Samer Singh, Ved V. Agrawala, Renu John, and Bansi D. Malhotra Protein Functionalized Carbon Nanotubes-based Smart Lab on- a-Chip. *ACS Applied Materials & Interfaces*, 7 (10), pp 5837–5846; DOI: 10.1021/am509002h, 2015
- Ruchika Chauhan, **Pratima R. Solanki**, Jay Singh, Tinku Basu, B.D.Malhotra. A novel electrochemical piezoelectric label free immunosensor for aflatoxin B1 in groundnut. *Food Control*. 52 60e70, 2015
- J. Singh, A. Roychoudhury, M. Srivastava, **Pratima R. Solanki**, D. W.Lee, S. H. Lee and B.D. Malhotra. A dual enzyme functionalized nanostructured thulium oxide based interface for biomedical application. *Nanoscale*. 6, 1195, 2014
- **Pratima R. Solanki**, Saurabh Srivastava, Md. Azahar Ali, Rajesh Kr. Srivastava, Anchal Srivastava, B. D. Malhotra. Reduced Graphene Oxide-Titania based Platform for Label- Free Biosensor. *RSC Advances*, 4, 60386-60396, 2014
- Vatika Gupta, Samer Singh, Kamla Rawat, H. B. Bohidar, **Pratima R. Solanki**. Cytotoxicity and Antimicrobial Activity of Transition Metal Oxide Nanoparticles, *Adv. Sci. Lett.* 20, 1650-1653, 2014
- Kamla Rawat, **Pratima R. Solanki**, Kavita Arora, H. B. Bohidar. Response of Gelatin Modified Electrode towards Sensing of Different Metabolites. *Appl. Biochem. Biotechnol.* 174:1032–1042, 2014
- **Bijoy K. Kuanr**, N. Anderson, Z. Celinski, & R. Camley, "Monolithic Microwave Nonlinear Phase Shifter", *IEEE Magnetics Letters*, 6, pp. 3500304, 2015
- Monika Sharma, **Bijoy K. Kuanr**, Manish Sharma and Ananjan Basu, "Relation between static and dynamic magnetization effects & resonance behaviour in Ni nanowire arrays" *IEEE Transactions on Magnetics*, v. 50, pp. 4300110, 2014
- **Bijoy K.Kuanr**, R. E. Camley, Z. Celinski, Adam McClure & Yves Idzerda. "Single crystal Fe<sub>1-x</sub>Gax thin films for Monolithic Microwave Devices", *Journal of Applied Physics*, v.115, pp. 17C112, 2014
- Monika Sharma, **Bijoy K. Kuanr**, Manish Sharma and Ananjan Basu, "New Opportunities in microwave electronics with ferromagnetic nanowires", *Journal of Applied Physics*, v.115, pp.17A518, 2014
- **Bijoy K.Kuanr**, S. R. Mishra, Alka V.Kuanr & Z. Celinski, "High frequency study of core-shell reusable CoFe<sub>2</sub>O<sub>4</sub>-ZnO nano-sized hollow spheres", *Journal of Applied Physics*, v.115, pp.17B515, 2014
- Monika Sharma, **Bijoy K. Kuanr**, Manish Sharma and Ananjan Basu, "Tunable EMI Noise Suppressor based on Ni nanowire arrays", *Physica B*: v.448, pp.316, 2014
- Monika Sharma, **Bijoy K. Kuanr**, Manish Sharma, and Ananjan Basu, "Tunable Coplanar Waveguide Microwave Devices on Ferromagnetic Nanowires", *International Journal of Materials, Mechanics and Manufacturing*, v.2, pp.9, 2014

- Monika Sharma, **Bijoy K. Kuanr**, V. Veerakumar, Ananjan Basu, and Z. Celinski, "Magnetization dynamics and reversal mechanisms in Ni nanowire and nanotube arrays", IEEE Transactions on Magnetism, v.50, pp. 2801404, 2014
- Ravi S. Yadav, Vinay Sharma and **Bijoy K Kuanr**, "Magnetic Nanoparticles; Synthesis, Characterization & Application as Contrast Agent in Magnetic Resonance Imaging (MRI)", Advanced Science Letters, v.20, pp.1548-1550, 2014
- Surface patch binding and mesophase separation in biopolymeric polyelectrolyte-polyampholytic solutions, J. Pathak, **Kamla Rawat**, and H. B. Bohidar, International Journal of Biological Macromolecules, 63, 29-37, 2014
- Effect of Solvent Hydrophobicity on Gelation Kinetics and Phase Diagram of Gelatin Ionogels, **Kamla Rawat**, J. Pathak and H. B. Bohidar, Soft Matter, 10, 862-872, 2014
- Cellular Uptake induced cytotoxicity of Surface Modified CdSe Quantum Dots, S. Sanwlani, **Kamla Rawat**, M. Pal, H. B Bohidar and A. K. Verma, J. Nanopart. Res., 16, 2382-1-11, 2014
- Potential of gallic acid loaded polysaccharide-protein (agar-gelatin) co-hydrogels in wound healing, **Kamla Rawat**, A. Saxena, A. K. Verma, R. Vohra and H. B. Bohidar, Journal Pharma Research, 3(3), 14-17, 2014
- Secondary structure of proteins is affected by complexation with Water soluble CdSe quantum dots, J. Pathak, **Kamla Rawat**, S. Sanwlani, and H B Bohidar, Adv. Sci. Focus, 2(1), 47-51, 2014
- Effect of Aspect Ratio of nanoclay on the secondary structure of ds DNA, N. Joshi, Kamla Rawat, and H. B. Bohidar, Adv. Sci. Focus, 2(1), 37-41, 2014
- Encapsulation of Gallic acid in Customized Agar-Gelatin Complex Coacervates and Assessment of its Anti-microbial Activity, **Kamla Rawat**, Sunil S, S. Boral, N. Islam, A. K.Verma, and H. B. Bohidar, Journal der Pharmazieforschung, 2(1), 2014
- Coexistence of Iso-nonergodic Laponite Gel and Glass in 1-Methyl-3-Octylimidazolium Chloride Ionic Liquid Solutions, N. Joshi, **Kamla Rawat** and H. B. Bohidar, J. Phys. Chem. B, 118, 6329-6338, 2014
- Is Surface Patch Binding Between Proteins Symmetric About Isoelectric pH?, J. Pathak, **Kamla Rawat** and H. B. Bohidar, RSC Adv., 4, 24710-24718, 2014
- Aspect Ratio Dependent cytotoxicity and antimicrobial properties of Nanoclay, **Kamla Rawat**, Shweta Agarwal, Akriti Tyagi, Anita. K. Verma and H. B. Bohidar, Appl. Biochem. Biotechnol. 174(3), 936-944, 2014
- Characterization of DNA-protein complex ionogels using Small Angle Neutron Scattering, Differential Scanning Calorimetry and Rheology. , **Kamla Rawat**, J. Surface Sci. Technol., 30(1-2), 1-15, 2014.
- Hierarchical Self-assembly, Relaxations and Ergodic-nonergodic Transition in Laponite Ionogels, N. Joshi, **Kamla Rawat** and H. B. Bohidar, Colloids and Surfaces A: Physicochem. Eng. Aspects, 461, 66-75, 2014
- Hierarchical Surface Charge Dependent Phase States of Gelatin-Bovine Serum Albumin Dispersions Close to Their Common pI, J. Pathak, **Kamla Rawat** and H. B. Bohidar, J. Phys. Chem. B, 118(38), 11161-71, 2014
- Observation of Heparin-like Native Protein Aggregate Dissociation Behaviour of 1-Alkyl-3-Methyl Imidazolium Chloride Ionic Liquids, **Kamla Rawat** and H. B. Bohidar, International Journal of Biological Macromolecules, 73, 23-30, 2015
- J. Pathak, **Kamla Rawat**, and H B Bohidar, Interactions in Globular Proteins with Polyampholyte: Coacervation Route for Protein Separation, RSC Adv., 5, 13579-13589, 2015
- N. Joshi, **Kamla Rawat**, P R Solanki and H. B. Bohidar, Enzyme-free and Biocompatible Nanocomposite Based Cholesterol Biosensor, Biochemical Engineering Journal, 2015
- H B Bohidar, **Kamla Rawat**, Coacervation in Biopolymers, Journal of Physical Chemistry & Biophysics, 4(6), 1000165-1-21, 2015
- N. Joshi, **Kamla Rawat**, Evolution of Self-organization and gelation in Laponite Ionogels, Journal of Physical Chemistry & Biophysics, 5(1), 1000171-1-6, 2014
- J. Pathak, **Kamla Rawat**, S. Sanwalani and H. B. Bohidar, Interaction of Globular Plasma Proteins with Water Soluble CdSe Quantum Dots, Chem. Phys. Chem, 2015
- Ionic Liquid Induced Surface Exclusion and Anomalous First-order Phase Transition in Laponite Dispersions, N. Joshi, **Kamla Rawat**, R K Pujala and H. B. Bohidar Journal of Molecular Liquids, 207, 177-184, 2015
- Differential Property of Cationic and Anionic Calcium Ion Cross linked Pectin Gels, N. Joshi, **Kamla Rawat**, P R Solanki and H. B. Bohidar, J. Surface Sci. Technol., 2015

- Nidhi Joshi, **Kamla Rawat**, Pratima R Solanki, H.B. Bohidar. Enzyme-free and Biocompatible Nanocomposite Based Cholesterol Sensor. Biochem. Engin. J. G Model BEJ-6105; No. of Pages 5, 2015

### Chapters in Books

- **Balaji Birajdar, Oliver Eibl**, “Structure-Property correlation of MgB<sub>2</sub> wires and tapes”, Ed. R. Flukiger. To be communicated to editor in few days.
- **Bijoy K. Kuanr**, et al. “Electroplating of Nanostructures” published InTech Europe Open Science, ISBN: 978-953-51-4344-4, 2015
- **H. B. Bohidar, Kamla Rawat**, Book chapter in “Polyelectrolytes: Thermodynamics and Rheology, Visakh P. M., OguzBayraktar, Guillermo Alfredo Picó (Springer, Verlag, 113-182) “Biological Polyelectrolytes: Solutions, Gels, Intermolecular Complexes and Nanoparticles, 2014.