

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualifications	Designation	Specialization	No.of Years of Experience	No.of Ph.D Students guided in the last 4 years	
Prof Rajni Dhingra	Ph.D	Professor	Human Development	26 years	Awarded 05	Registered 04
Prof Neeru Sharma	Ph.D	Professor	Human Development	23 years	06	04
Dr. Shashi Manhas	Ph.D	Associate Professor	Human Development	07 years	05	01
Dr. Samridhi Arora	Ph.D	Associate Professor	Human Development	14 years	03	03
Dr. Sarika Manhas	Ph.D	Senior Assistant Professor	Human Development	11years	02	03

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: None
13. Percentage of classes taken by temporary faculty – programme-wise information: NA
14. Programme-wise Student Teacher Ratio: 1:8
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Support Staff (Technical)

Sanctioned	Filled	Actual
Lab Assistant(01)	01	01
Comp Assistant (01)	01	01
Lab Attendent (02)	02	02
Administrative Staff		
Semi Professional Assistant (01)	01	01 (Professional Assistant)
SA (01)	01	01
JA (01)	01	01
Orderly (01)	01	01

16. Research thrust areas as recognized by major funding agencies

- I. Life Span Development
- II. Monitoring of ICDS

- III. Womens' Health Issues
  - VI. Health and Well Being
  - V. Special groups
  - VI. Gender Issues
  - VII. Tribal Issues
  - VIII. Parenting
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. (w.e.f. 1st June 2009 to 28th February 2015)

Number of Faculty with ongoing Projects:02

National:02

Total grants received: 1 Lac per annum for ICDS project and Rs. 2 Lacs for UGC Minor project.

#### RESEARCH PROJECTS

##### ONGOING PROJECTS:

- 1.. Prof. Rajni Dhingra, Project Director; Dr.Shashi Manhas (Consultant) and Dr.Sarika Manhas (Consultant)

Monitoring of ICDS scheme in Jammu Province

ICDS scheme is one of the flagship schemes of the Government of India for welfare of women (pregnant and lactating), children (uptil 6 years) and adolescent girls. Monitoring of ICDS scheme in various districts of Jammu province is undertaken during field visits conducted to Anganwadi centres, AWTCs and MLTC. The data obtained is submitted to NIPCCD, New Delhi for onward transmission to the Ministry of Women and Child Development, Government of India.

Funding agency: NIPCCD, New Delhi

Amount sanctioned: Rs 3.74 Lacs

Status : Ongoing

2. Dr. Samridhi Arora

Relationship of religiosity with subjective well being among tribal adolescents in Jammu district

The present work is undertaken to study the relationship between religiosity and subjective well being among tribal adolescents of Jammu district with exclusive focus on nomadic



Gujjars. Further, this research work will help in planning and delivering comprehensive and culturally appropriate services to the tribal adolescents.

Funding agency: UGC

Amount sanctioned: Rs 2 Lacs

Status : Ongoing

## PROJECTS COMPLETED

### 1. **Prof. Rajni Dhingra**

Internally displaced people from across LOC: A case study of Mirpuris in Jammu

The present research was conducted to assess the perception of the Mirpuri community about the impact of divide created by displacement from across the LOC in 1947 on their lives. It further aimed to investigate the effects of displacement at personal, familial and social levels from phenomenological perspective and documentation of the extent of transmission of ideas/ feelings related to displacement to younger members of the community. The information was collected through a questionnaire in view of adolescents' preoccupation and better expression of ideas through written medium. Purposive sampling was employed to choose the respondents depending on their availability and consent to participate in the study.

Funding agency: Centre for Dialogue and Reconciliation

Amount sanctioned: Rs. 80,000

Status: Completed

### 2. **Prof. Neeru Sharma and Dr. Samridhi Arora (2010 - 2013)**

Health seeking behavior among women (35-65 years) of Jammu

The changing demographic structure is occurring worldwide with a gradual shift towards a higher proportion of older people. Women across the world face similar situations when it comes to healthcare. Aged women have not been given much importance, but as the health outcomes are invariably linked to other aspects of their lives and to their unequal positions. However, current "uterocentric" policies fail to recognize that women's health in isolation leads to an improper understanding of the issue and therefore it leads to too clumsy and ineffective policy planning. State policy's over emphasis on reproductive health and hence a total neglect of all other aspects of Indian women's lives. The present study endeavoured to fill these lacunae by taking holistic view of health from the perspective of women.

Funding agency: UGC, New Delhi

Amount sanctioned: Rs. 9, 82, 484

Status: Completed in 2013

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

b) International collaboration (w.e.f. 1st June 2009 to 28th February 2015)

NATIONAL COLLABORATION:

Collaboration with Ministry of Women and Child Development through NIPCCD, New Delhi (For 3 years) in the research project entitled “Monitoring of ICDS scheme in Jammu province” under Project Incharge: Prof. Rajni Dhingra.

Grants received for the collaborative project: Rs 1 Lac annually.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (w.e.f. 1st June 2009 to 28th February 2015)

The Department received financial assistance under DST-PURSE Scheme of Ministry of Science and Technology, Govt. of India, for a period of 3 years w.e.f. 2011. This grant was directed towards purchase of psychological tests, smart boards and psychometric software. The Department intends to set up Stimulation Laboratory and Developmental Screening and Assessment Laboratory based on the funding received under the scheme.

20. Research facility / centre with : NA

a. state recognition

b. national recognition

c. international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies: NA

22. Publications: (w.e.f. 1st June 2009 to 28th February 2015)

Publications:	Prof. Rajni Dhingra	Prof. Neeru Sharma	Dr. Shashi Manhas	Dr. Samridhi Arora	Dr. Sarika Manhas
Number of papers published in peer reviewed journals (national/ international)	25	15	30 (18 International & 12 National)	22	48 (38 National & 10 International)
Monographs	None	None	None	None	None
Chapters in Books	03	05	None	02	02
Edited Books	02	–	–	–	None
Books with ISBN with details of publishers	–	01: Entrepreneurship and Women Empowerment ISBN-978-81-7625-896-8, Sarup Book Pub Pvt Ltd	–	–	01: Comparison of cognitive and language abilities of preschool children. ISBN:978-3-659-11111-2, LAP Lambert Academic Publishing, Germany.
Number listed in International Database (For e.g. Web of Science, Scopus, a) Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	–	–	–	18	33
Citation Index - range / average	–	–	–	–	–
SNIP	–	–	–	–	–
SJR	–	–	–	–	–
Impact Factor – range / average	0.9-6.22	1.00-5.11	0.25-5.61	2.07-5.11	0.27-5.79
h-index	–	–	–	–	–

23. Details of patents and income generated : NA

24. Areas of consultancy and income generated (w.e.f. 1st June 2009 to 28th February 2015)

Prof. Rajni Dhingra	Prof. Neeru Sharma	Dr. Shashi Manhas	Dr. Samridhi Arora	Dr. Sarika Manhas
Consultancy was provided to ECCE and ICDS centres on informal basis.  Consultancy in ICDS Project	Consultancy services are provided to various child and family welfare institutions from time to time but no income is generated.	Consultancy in ICDS Project  Consultancy services were provided to ICDS centres.	Consultancy services are provided to various ECCE centres, Child Welfare institutions like SOS Home, NGOs working for underprivileged children on an informal basis.	Consultancy in ICDS Project Consultancy services were provided to Eurocare preschool centre for setting up of the centre.

25. Faculty selected nationally / internationally to visit other laboratories / institutions

a) industries in India and abroad (w.e.f. 1st June 2009 to 28th February 2015): NA

26. Faculty serving in

- a) National committees
- b) International committees
- c) Editorial Boards
- d) any other (please specify)

Faculty in	Prof. Rajni Dhingra	Prof. Neeru Sharma	Dr. Shashi Manhas	Dr. Samridhi Arora	Dr. Sarika Manhas
a) National committees	1) Member selection committee for various teaching positions in Jammu University, Kurukshetra University (2012), Kashmir University, (2013) Rajasthan University (2014) 2) Member, UGC Committees, Assessment/	1. Member of UGC, UPSC Expert Committee in Home Science 2. On Panel of Experts for CAS and other appointments of teaching faculty of some universities in Northern India	1. Nominated member from J&K State for developing annual curriculum of ECE as member of Northern Regional Resource Centre, NIPCCD New Delhi	-	Member ICDS Monitoring Committee, J&K Govt.

	<p>Review committee for SAP/CAS, Subject committee meetings.</p> <p>3) Expert in National Level Institutions :</p> <p>a)IGNOU, New Delhi (Course in Family Counseling And Therapy)</p> <p>b) IGNOU, New Delhi (School of continuing Education)</p> <p>Member, School Board.</p> <p>d) Expert member (BOS/BORS) University of Kashmir, Kurukshetra University &amp; University of Jammu.</p>				
b)International committees					
c) Editorial Boards	<p>Member, Editorial Board in Home and Community Science. ISSN 0973-7189</p>	<p>Member, Editorial Board of “Journal of communication Studies, Kamla Raj Enterprises”</p>			<p>Associate Editor International Journal of Multidisciplinary Research and Development</p>

d) Other Position	<p>Administrative Responsibilities : Dean, Faculty of Sciences Head of Department of Home Science</p> <p>Evaluation under CAS: 1. University of Kashmir. 2. Rajasthan University. 3. Punjab Agricultural University Observer, National Level Examination: 1. AIEEE 2012 2. UGC-NET 2013 State Level Responsibility: 1. Incharge State Level Monitoring Unit ICDS Scheme 2. Examiner/ Paper setter for several Universities (Kurukshetra, Punjab, Patiala, Kashmir, Rajasthan) 3. Preparation of Study Material for Directorate of Distance Education, JU. and IGNOU 4. Convener, Task force to review quality of school education in Jammu 5. Convener, Task force on the theme 'Commercialization of Education' Education Ministry, J&amp;K Govt. 6. Former Member, State Supervisory Board for review of PNDDT Act</p>	<p>Director, Centre for Women Studies, University of Jammu from March 2014-June 2015</p> <p>Subject Expert for Doctoral, Post Graduation Evaluation for many Universities</p> <p>Reviewer for National Journals</p>	<p>Warden, Chander Bhaga Girls Hostel, University of Jammu</p> <p>Member CASH, University of Jammu</p>	<p>Member, Campus Cultural Committee (2009- till date)</p>	<p>Former Member, ICDS Monitoring Committee, J&amp;K Govt. Associate Editor, Multidisciplinary Research Journal</p> <p>Member Campus Cultural Committee(2009-14)</p>
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27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). (w.e.f. 1st June 2009 to 28th February 2015)

Prof. Rajni Dhingra	Prof. Neeru Sharma	Dr. Shashi Manhas	Dr. Samridhi Arora	Dr. Sarika Manhas
1. Attended short term course on ICT skills for Senior Professors from 14 <sup>th</sup> -15 <sup>th</sup> March 2011			<p>1. 3 week UGC sponsored Refresher course in Human Development and Child Care organised by ASC, University of Jammu (9-02-10 to 1-03-10)</p> <p>2. Faculty Development Programme on MS Word and PowerPoint organised by DLL, University of Jammu (24-02-12 to 12-03-12)</p>	<p>1. Refresher course in Human Development and Child Care (09-02-2010 to 01-03-10)</p> <p>2. Faculty Development Programme on MS Word and PowerPoint organised by DLL, University of Jammu (24-02-12 to 12-03-12)</p> <p>3. Refresher Course in Computer Science and IT (04-12-13 to 26-12-13)</p>

28. Student projects (w.e.f. 1st June 2009 to 28th February 2015)

- percentage of students who have done in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities/industry/institute

Every year students of II<sup>nd</sup> Semester of M.Sc. Human Development programme are placed for a period of 10 days in various Early Childhood Care and Education centres of Jammu. This Placement cum Internship programme is intended to provide first hand on job training to the students in various facets related to functioning and management of experience ECCE centres. For this internship, students develop and design various teaching material and learning instructional material. Later, they plan and execute innovative but useful teaching strategies for enhancing the development of young children.

29. Awards / recognitions received at the national and international level by

- Faculty (w.e.f. 1st June 2009 to 28th February 2015)
- Doctoral / post doctoral fellows
- Students

NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. (w.e.f. 1st June 2009 to 28th February 2015)

2009

1. Two days *Parental Empowerment Program* for Parents of children studying in Surabhi Nursery School and Day Care Centre in June,2009.
2. Two day *Training Workshop* for Functionaries of National Child Labour Project School, was carried out in collaboration with Office of the Deputy Commissioner, Udhampur, in Oct,2009.
3. *Confidence Building Workshop* conducted for inmates of SOS Home for Orphan Children at Channi Rama, Jammu in collaboration with 92.7 BIG FM on Nov 14<sup>th</sup>, 2009.

2010

1. The Department organised a Refresher course in *Human Development and Child Care* from 09-02-2010 to 01-03-10 under Academic Staff College ( Now HRDC), University of Jammu. Course Coordinator: Prof. Rajni Dhingra
2. One day *extension activity* organized on 24<sup>th</sup> May 2010 at JRC Home for Physically Challenged , Udheywala, Jammu.

2011

1. One day Workshop on the theme *Role of Teachers & Parents in the Development of Children* organized in April,2011.
2. Interactive session organized on the topic *Constitutional Rights of Children* in April, 2011
3. Technical session of the Section *Home Science and Food Science and Technology*, of the 7<sup>th</sup> J&K State Science Congress were organised in the Department, on 13<sup>th</sup> Oct 2011

2012

1. Parental Empowerment Programme was organized on the theme *Role of parents and teachers on the development of children* in April 2012.
2. *Sensitization Program* organized in collaboration with National Federation of Parents Association (Parivaar), on 23<sup>rd</sup> April, 2012.
3. Extension activity organized for the students and parents of “SAHARA” institute for mentally challenged, on 16<sup>th</sup> March’2012.



4. Extension activity organized for the inmates of Rotary Inner wheel Institute of Mentally challenged and their parents, on 22<sup>nd</sup> March 2012.
5. One day Brainstorming session/awareness workshop *Developing and identification of location specific R&D and demonstration projects for scheduled caste and scheduled tribes* organized in collaboration with J&K State Council for Science and Technology, on 25<sup>th</sup> September 2012. Coordinator: Prof. Neeru Sharma

2013

1. Parent Empowerment Programme on the theme *Common Childhood Behaviour Problems* was organized by the department for the parents of the nursery school, 1<sup>st</sup> May 2013.
2. An Interactive Session organized on the topic *Constitutional Provision and Child Rights*, on 9<sup>th</sup> April 2013.
3. Extension Activity organized on 20<sup>th</sup> April, 2013 at Aasra Special School, Kunjwani, Jammu.

2014

1. Parent Empowerment Programme was organized by the department for the parents of the nursery school on the theme *Ensuring Better Physical Health & Hygiene among Preschoolers*, on 28<sup>th</sup> April 2014.
2. Parent Empowerment Programme was organized for the parents of children of J&K Samaj Kalyan School for Hearing Impaired, on 6<sup>th</sup> May' 2014.

2015

1. Technical session of the section "Home Science and Food Science" of the 10<sup>th</sup> J&K Science Congress were organised in the Department, on 15<sup>th</sup> March 2015.

31. Code of ethics for research followed by the departments

Following ethical issues are considered for research:

1. Human subject protection: Unnecessary or irreversible harm to subjects like physical harm, psychological abuse, stress or legal jeopardy are to be avoided.
2. Informal consent: Never force anyone into participating; all participation must be voluntary.
3. Privacy, anonymity, Confidentiality: Precautions should be taken to protect subject's privacy.
4. Deception and covert research: Deception is to be refrained from in all circumstances.

32. Student profile programme-wise: (w.e.f. 1st June 2009 to 28th February 2015)

Name of the	Applications Programme	Selected received		Pass percentage	
M.Sc. Home Science (Human Development)		Male	Female	Male	female50
	90(2010)	-	24	-	100%
	62(2011)	-	22	-	100%
	50(2012)	-	22	-	100%
	25(2013)	-	19	-	100%
	44(2014)	-	24	-	100%

Name of the	Applications Programme	Selected received		Pass Percentage	
		Male	Female	Male	female
Ph.D.in Home Science	11(2011)		02	-	-
	22(2012)		-	-	-
	18(2013)		07	-	-
	16(2014)		01	-	-

33. Diversity of students(w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

Name of the Programme	% of Students from the same University	% of students from other universities within the State	% of students from iniversities outside the State	% of students from other countries
P.G.	100%	-	-	
Ph.D. (2011)	-	50%	50%	-
(2012)	-	-	-	-
(2013)	60%	15%	15%	-
(2014)	-	-	100%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

NET: 19

SET:06

Civil Services:01

GATE:None

JRF:01

SRF:01

35. Student Progression (w.e.f.1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	57% (As on Feb'2015, total no. of Scholars=21)
Ph.D. to Post-Doctoral	01
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	KAS, ICDS staff Lecturers in Higher Education.
Entrepreneurs	Preschool Centres/Day cares/ Creches, NGOs.

36. Diversity of staff

Percentage of faculty who are graduates

of the same university:	66%
from other universities within the State:	17%
from universities from other States:	17%
from universities outside the country:	None

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015): Nil
38. Present details of departmental infrastructural facilities with regard to
- a) Library Facility: Departmental library houses 2814 text books and 24 titles of research journals (most of which are national and international). The books are mainly of Human Development and Child Care (300), Women Studies (265), Psychology (237), Children with Special needs (150) and Research (150).
  - b) Internet facilities for staff and students: All the faculty members have been provided laptops with Wi-Fi facility. They also have access to desktops and printers. The office and library are equipped with desktop and internet facility. The students can also avail the computer facility as these are available in seminar room, computer lab and even in the office.
  - c) Total number of class rooms: 03
  - d) Class rooms with ICT facility: 02
  - e) Students' laboratories: 01
  - f) Research laboratories: 02
39. List of doctoral, post-doctoral students and Research Associates (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)
- a) from the host institution/university: 10
  - b) from other institutions/universities: 09
- Total Doctoral students: 21
- List of registered Doctoral students as on Feb 2015:
1. Nitu Sharma
  2. Iesha Sharma
  3. Poonam Dogra
  4. Samriti Raina
  5. Archana Bhat
  6. Jatinder Kaur
  7. Anita Kumari
  8. Ambika Sharma
  9. Afsah Iqbal

10. Farhat Masoodi
11. Ruchi Thakur
12. Shashi Tiwari
13. Ramandeep Kaur
14. Neeraj Bakshi
15. Sabiya Asmat
16. Preeti Gupta
17. Poonam Sharma
18. Shivangi Gupta
19. Priyanka Sharma
20. Isha Sharma
21. Saima

As on Feb 2015:

1. Post-Doctoral students: 01 (Dr. Anamika Baru)
2. Research Associates (DST-PURSE): 01 (Dr. Anupa Sharma)
40. Number of post graduate students getting financial assistance from the university:  
None .
41. Was any need assessment exercise undertaken before the development of new programme(s)?  
If so, highlight the methodology.

A new course namely, M.Sc. Food Science and Technology is being introduced. Based on the student feedback and analysis of the industry requirement, this new programme is being offered. In today's world this branch of study has high utility especially from job perspective. Apart from this a few new courses are also being offered. From the year 2014, the department has moved on the Choice Based Credit System of course curriculum. This curriculum is based on providing inter disciplinary linkage and exposure to the students. Besides holding on to certain basic and fundamental courses of Human Development, many new courses have been offered to the students at the masters level. Some of the new courses introduced include Infant Development and Stimulation, Childhood Behaviour problems, Mental Health of Adolescent and Youth, Child and Human Rights; and Counselling for Special Groups. All these courses have strong practical utility and work towards building professional skills of the students. Keeping in view the changing demands of the ever increasing occupational world and with adequate inputs of research, the new courses have been introduced.

42. Does the department obtain feedback from

- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Regular monthly DAC meetings are utilised as forums to discuss among faculty members any issue related to teaching- learning-evaluation. Monthly progress report which look into aspect such as number of classes taken and %age of courses completed are well in place. Syllabi are updated regularly and regular monitoring of course deliverance is carried under the supervision of HOD. Even though the responsibility of courses transaction and evaluation rests with course coordinator, nonetheless informal discussions are held among faculty members about teaching and evaluation. Best practices of faculty are highlighted for usage among each other.

- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Feedback is also generated from the students regarding staff, curriculum and teaching - learning – evaluation, Slots are available in the time-table, marked as ‘tutorial’, where the students get an opportunity to have informal contact with the faculty. Curriculum based issues are addressed to the satisfaction of the students on these slots. Students are provided ample opportunity to interact with faculty and discuss learning-evaluation related issues.

- c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

Interactions are also held with perspective employers to understand the job market and the ever changing skills needed for different occupations. Employers are also informed about the changes brought about in the courses and skills of the students and scholars of the department.

43. List the distinguished alumni of the department (maximum 10)

Prof. Rajni Dhingra (Dean, Faculty of Sciences and Head Department of Home Science University of Jammu)

Prof. Neeru Sharma (Director, Centre for Women Studies, University of Jammu)

Ms.Ashu Behl (KAS Officer)

Ms.Conni Sethi (CDPO, Jammu)

Ms.Anupama Sethi (Consultant, Empower Kids)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.(w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

Student Enrichment Programmes (Special Lectures) By External Experts: (2009)

1. Dr. G.C. Upadhyaya delivered a lecture on Sarva Shiksha Abhiyan on 4th April 2009.

(2010-11)

1. Lecture on “Need for spiritual awareness” was organized by the Department in collaboration with Brahm Kumari Trust, 4<sup>th</sup> Oct 2010.
2. Lecture on “Statistics application in everyday life ” was organized by the Department in collaboration with Dr. H. K. Lakshaman Rao, Statistical placement consultant and six sigma Faculty (GOI), 3<sup>rd</sup> Dec’2011.
3. Lecture on “Qualitative research methods in social science research” by Prof. A.G. Madhosh, 7<sup>th</sup> Mar’2011.

(2011-12)

1. Prof. A.G. Madhosh delivered a lecture on “Research methodology in Home Science”, 11<sup>th</sup> April’2011.
2. Prof. Shubhangna Sharma delivered a lecture on “Developing life skills among adolescents”, 19<sup>th</sup> April, 2011.
3. Prof. Neelam Grewal delivered a lecture on “Career prospects in Home Science”, 14<sup>th</sup> Oct’2011.
4. Prof. Jatinder Gulati delivered a lecture on “Career options in human development”, 14<sup>th</sup> Oct’2011.

(2012-13)

1. Prof. G.P. Gadkari and Mr. Anil Joshi, Members, “PARIVAR Federation of Parents and Children with Disabilities” delivered a lecture on “Managing children with special needs within the home and family”, 23<sup>rd</sup> April, 2012.
2. Prof. Suman Bhanot delivered a lecture on “Trends of research in Home Science”, 24<sup>th</sup> Sept 2012.
3. Prof. Usha Pathania delivered a lecture on “Increasing your safety quotient” on 28<sup>th</sup> Sept 2012.
4. Prof. Shanti Balda delivered a lecture on “Role of Home Science in the Changing Society” 26<sup>th</sup> Nov 2012.
5. Prof. A.G. Madhosh delivered a lecture on “Improving quality of research, Types of research designs, Formulation of Research Proposals and Women empowerment” on 20<sup>th</sup> and 21<sup>st</sup> Dec 2012.

(2013-14)

1. Prof. Prerna Mohite delivered a lecture on “Issues and concerns in early childhood development”, 23<sup>rd</sup> July 2014.
2. Prof. A.G. Madhosh delivered a lecture on “Inclusive Development in Education: Use of new technology” 15<sup>th</sup> Mar 2015
3. Prof. Neerja Chaddha, IGNOU, delivered a lecture on “Inclusive Development is the way forward” 15<sup>th</sup> Mar 2015

4. Dr. Amiteshwar Ratra, STRIDE, IGNOU, delivered a lecture on “Skill Development”, 15<sup>th</sup> Mar 2015

Students of the Department participate in various enrichment programmes organised by the Department annually.

1. Parent Empowerment Programmes organised for the parents of Nursery school.
  2. Block Placement cum Internship in various ECCE centres of Jammu to provide students on job training.
  3. Exposure to various organisations related to child, women, aged and family welfare.
  4. Activities organised for the special children and their parents.
45. List the teaching methods adopted by the faculty for different programmes.

Programme: M.Sc. Home Science (Human Development):

1. Lectures
2. Tutorials
3. Seminars
4. Practicals (Field visits and ICT viz. Web browsing)
5. Computer Practicals: SPSS, Systat 9
6. Block placements

Programme: Ph.D. Home Science (Human Development):

1. Tutorials
2. Seminars
3. Written Assignments
4. Interactions

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

There are certain measurements/indicators for ensuring the same:

1. Planning for short term and long term goals.
2. Students' performance on various levels (Minor tests, Major tests, Tutorials, Extra-curricular participation).
3. Feedback from students regarding teaching, administration and other activities.
4. Teachers' assessment of teaching, publications, research activities.
5. Feedback from teachers periodically.



47. Highlight the participation of students and faculty in extension activities.

(w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

➤ Participation of Faculty In Extension And Outreach Activities

***Prof. Rajni Dhingra (Professor & Head)***

***A) Acted as chairperson:***

1. Chaired a session in XVII Conference Of North West Indian Sociological Association (NWISA) on Changing Family And Gender Roles on 22<sup>nd</sup> to 23<sup>rd</sup> Nov.,2013 organised by Department of Sociology, University of Jammu.
2. Chaired a Session in Seminar on “ Devolution Of Power In J&K” organized by University of Jammu on 21-23<sup>rd</sup> of Nov., 2012.
3. Chaired a Session of Paper Presentation in Home Science, J&K 8<sup>th</sup> Science Congress on 18<sup>th</sup> September, 2012, University of Kashmir.
4. Participated and acted as chairperson in one session in a workshop conducted on “Rajiv Gandhi Scheme for Empowerment of Adolescent Girls (SABLA) and IGMSY” organized by NIPCCD, at Lucknow (4<sup>th</sup> – 5<sup>th</sup> February, 2011).
5. Chaired a session in “Developing And Identifying Location Specific R&D And Demonstration Projects For SC And ST” (DST sponsored) 25<sup>th</sup> Sept., 2012 organised by University of Jammu.

***B) Acted as Resource Person in National Seminar/Lecture delivered:***

1. Attended 46<sup>th</sup> meeting of School Board of School of Continuing Education (SOCE), IGNOU, New Delhi on 28<sup>th</sup> Sept., 2012.
2. Delivered a lecture in J&K Science congress on the topic Strengthening Home Science Discipline in the 21<sup>st</sup> Century: “Challenge And Opportunity,” on 18<sup>th</sup> Sept., 2012 organised by University of Kashmir
3. Presented a paper entitled “Internally Displaced People From Across LOC: A Case Study Of Mirpuries in Jammu” in a seminar organized by Centre for Dialogue and Reconciliation on 5<sup>th</sup> Sept., 2012 in University of Jammu
4. Delivered lecture on “Life Competencies for Adolescents” under INSPIRE Programme of DST organized by Geology Department, University of Jammu (25-03-11).
5. Delivered lecture to University and College teachers in UGC ASC sponsored Orientation Course in University of Jammu. The topic covered was “Parenting Young Children”.
6. Delivered lecture on Adolescence in the context of Parenting and Teaching in UGC sponsored Orientation Course for University and College Teachers, University of Jammu (21<sup>st</sup> Jan., 2011).

7. Delivered invited talk on “Constitutional provision and the rights of disabled” at MIER, Jammu (21<sup>st</sup> December, 2010).
8. Delivered lecture on “ Understanding Adolescence” in UGC sponsored Refresher course in Education Department, University of Jammu (10<sup>th</sup> December, 2010).
9. Delivered lecture on scientific thinking skills under INSPIRE programme of DST organized by Geology Department, University of Jammu (25<sup>th</sup> November,2010).
10. Delivered lecture to University and College Teachers in Orientation Course organized by University of Jammu. The theme of the lectures was “The Art and Science of Parenting”- 19<sup>th</sup> October, 2010
11. Delivered lecture in Orientation Course for University and College Teachers on “Role of Education in Growth and Development of Individuals” by ASC, University of Jammu, 17<sup>th</sup> March 2010
12. Delivered a lecture in Refresher course on “Human Development and Child Care” organized by Home Science Department (23<sup>rd</sup> February 2010).

*C) Meetings Attended:*

13. Acted as a Resource Person in UGC sponsored workshop on “Curriculum Development in Home Science” on 5<sup>th</sup> Nov., 2012 organised by Home Science Department, Dayal Bagh Institute, Agra.
14. Attended one day meeting at Government Medical College “Establishment of Centre for Excellence in Nutrition” organized by ICMR on 26<sup>th</sup> April, 2012.

*D) Extension Activity:*

15. Delivered extension lecture to SHG women members on “Importance of Women empowerment” in a programme organized by J&K Grameen Bank with support from NABARD, Jammu (27<sup>th</sup> October,2010).

***Prof. Neeru Sharma (Professor)***

1. Lectures on popular themes like Millennium Development Goals, Popularization of Home Science, Issues in Human Development in Refresher Courses, Seminars, Radio, TV,etc.
2. Field outreach and awareness generation activities as Director, Centre for Women Studies on themes like Beti Bachao Beti Padhao, Swatch Bharat Abhiyan, Personality Development of Females, Skill Development among Females, Health of females (International Yoga Day).
3. Departmental Parental Empowerment Programmes
4. Awareness generation activities of NGOs and GOs, University Departments/ Units like DLL, NSS.

**Dr. Shashi Manhas (Associate Professor)**

1. Delivered a lecture on “Female foeticide in district Samba” organized by Health Department, Jammu and ICDS, Jammu, 7<sup>th</sup> Aug 2009.
2. Acted a resource person and delivered a lecture in Crèche worker training programme organized by ICCW under Rajiv Gandhi National Crèche Scheme of Department of Women and Child Welfare, MHRD, Govt. of India, 10-11 June 2009.
3. Delivered a lecture on “Declining sex ratio in J&K”, Centre for Women Studies, Raipur Satwari, Jammu, 8<sup>th</sup> Aug 2010
4. Delivered a lecture on “Role and functioning of Village Education Committee (VEC)” under SSA for VEC members at different wards of Kathua Distt., Govt. Middle School, Kathua, Jan’2011.
5. Delivered a lecture on “Declining sex ratio in light of Census 2011”, Centre for women Studies, Bishnah, Jammu, 21<sup>st</sup> Oct 2011.
6. Delivered a lecture on “Issues and perception related to women’s health”, Centre for women Studies, Bishnah, Jammu, 16<sup>th</sup> Dec 2011.
7. Delivered a lecture on “Issues and concerns regarding women’s health”, Centre for women Studies, Kot Bhalwal, Jammu, 12<sup>th</sup> Dec 2011.
8. Delivered a lecture on “Female Feticide in J&K” in the Department of Lifelong learning, University of Jammu, 15<sup>th</sup> October 2010
9. Delivered a lecture on Female Feticide and its consequences for ICDS functionaries and Community Women on 15-1-2011 in R.S Pura Jammu
10. Delivered a lecture on “Role of Village Education Committee (VEC) in District Kathua” on 22-1-2011
11. Delivered a lecture on Issues related to Health and Nutrition of Adolescent Girls, in R.S Pura on 6-8-2011
12. Delivered a lecture in 10 days training programme on “NGO’s Management and Development” on topic Managerial aspects of NGOs in the Department of Lifelong Learning, University of Jammu 10<sup>th</sup> Oct 2012
13. Delivered a lecture on “Child Sex Ratio and Female Foeticide” in J&K at Chowki Choura on 27<sup>th</sup> December 2012
14. Delivered a lecture on perspectives related to Adolescent girls on 19-1-2013 in R.S Pura

15. Interaction with Pregnant women and lactating mothers on Issues pertaining to Health and Nutrition at village Ganya in District Rajouri on 4-5-2013.
16. Delivered a lecture on “Issues and Concerns regarding Women’s Health for ICDS functionaries, Community women and Adolescent Girls”, at Nonath Ashram Ghagwal on 16-8-2013

**Dr. Samridhi Arora (Associate Professor)**

2009-10

1. Resource person in 5-days Awareness Camp for adolescents at Bishnah organised by Department of Lifelong Learning on 13<sup>th</sup> Aug 2010.
2. Awareness building on topic “Healthy Habits” to adolescent children in summer school organised by Harbhans Bhalla Educational Trust in collaboration with Department of Life Long Learning, University of Jammu, 9<sup>th</sup> June 2010.
3. Acted as a Judge in a Divisional Level Fruit Show in Jhiri organised by Horticulture Department on 2<sup>nd</sup> Novemver 2009.

2011-12

4. Extension lecture on ‘Communication Skills’ to teachers of Tiger Army Pre-Primary School, Jammu on 21<sup>st</sup> May’2012.
5. Resource person for 5-Day training programme for NGOs organised by Department of Life Long Learning, University of Jammu, 16<sup>th</sup>-17<sup>th</sup> Oct.2012.
6. Awareness Generation to SOS mothers from 11<sup>th</sup> to 13<sup>th</sup> Dec’2012 at SOS children village.
7. Awareness building on “Personal Cleanliness” to adolescent children in Summer School organised by Harbhans Bhalla Educational Trust in collaboration with Department of Life Long Learning, University of Jammu, June2011.
8. Resource person in 5-day drama festival-Mega Event of NCSTC, Department of Science & Technology, Govt. Of India, organised by Student Welfare Society, Anantnag, J&K, 9<sup>th</sup> Jan2011.
9. Resource person in 5-day training programme for NGO organised by Department of Life Long Learning, University of Jammu, 1<sup>st</sup> Feb. 2011.
10. Resource person in 5-day training programme for NGO organised by Department of Life Long Learning, University of Jammu, 1<sup>st</sup> March 2011.
11. Resource person in Training cum Workshop for ICDS supervisors organised by Department of Life Long Learning, University of Jammu, 18<sup>th</sup> Jan, 2011.

12. Awareness generation to SOS mothers on “Child Rights” from 19<sup>th</sup> to 21<sup>st</sup> Nov’2011 at SOS Children village.

2013

13. Awareness generation to SOS mothers on “Dealing with Adolescent Boys and Girls” at SOS Children village, 24<sup>th</sup> Oct’2013.
14. Awareness generation to FSP mothers on “Health, Hygiene and Nutritious Diet” at SOS Children village, 10<sup>th</sup> Oct’2013.

***Dr. Sarika Manhas (Assistant Professor)***

1. Delivered a radio talk on the ‘Right of children’ Jammu on 14<sup>th</sup> Nov. 2009 at 92.7 BIG FM, Jammu Station.
2. Delivered a lecture on ‘Parental Coaching and Empowerment’ at a programme organized by Fun Unlimited and Writes organization held at Rotary Club, Jammu on 14<sup>th</sup> Nov. 2010.
3. Delivered a Radiotalk on ‘Examination Stress among children’ on 5<sup>th</sup> March 2010, at 92.7 BIG FM, Jammu Station.
4. Delivered an extension lecture on the topic ‘NGO Management and Development’ in a five day NGO training workshop organized by DLL, University of Jammu on 5<sup>th</sup> August 2010.
5. Delivered an extension lecture for Adolescent Girls at an Awareness Programme held at Bishnah by DLL, University of Jammu on 9<sup>th</sup> August 2010.
6. Delivered a radio talk on ‘Domestic Violence Act’ on 25<sup>th</sup> Nov. 2010 at 92.7 BIG FM, Jammu Station.
7. Participated in an extension activity for ICDS Supervisors organized by DLL, University of Jammu on 18<sup>th</sup> and 20<sup>th</sup> Jan. 2011.
8. Delivered an extension lecture on the topic ‘NGO Management and Development’ in a NGO training workshop organized by DLL, University of Jammu on 31<sup>st</sup> Jan. 2011.
9. Delivered 3 extension lectures on ‘Program Monitoring and Evaluation’ at NGO training workshop organized by DLL, University of Jammu in Feb - March 2011.
10. Delivered 2 extension lectures on the topic ‘Role of teachers in mentoring of adolescents’ in training workshop for Research officers of SIE, Jammu at University of Jammu on 21<sup>st</sup> Nov. and 16<sup>th</sup> Dec. 2011.

11. Delivered an Extension lecture on 'Health Life style among Adolescents' organized at Bee Enn Hospital on 26<sup>th</sup> June 2012.
  12. Delivered 2 extension lectures on the topic 'NGO Management and Development' in a NGO training workshop organized by DLL, University of Jammu on 15<sup>th</sup> and 16<sup>th</sup> Oct. 2012.
  13. Delivered a lecture on the Regional Parent's meet 2012 organized by National Institute of Mentally Handicapped, National Federation of Parents Association, Aasra Special School and Disabled Care Foundation on 22<sup>nd</sup> April 2012.
  14. Delivered a lecture on 'Understanding and Measurement of Emotional Intelligence' at a training program and outreach for Extension officers at SKUAST, Jammu on 2<sup>nd</sup> Sep. 2013.
  15. Delivered a lecture on 'Stress Management' at a training program for Mothers and Officers of SOS Home at SOS Home Gole Gujjral, Jammu on 10<sup>th</sup> Oct. 2013.
  16. Delivered a lecture on 'Reproductive and Child Health' on 8<sup>th</sup> Oct. 2013 at GCW, Gandhi Nagar.
  17. Delivered a lecture on 'Reproductive Health during Adolescent and Youth' on 30<sup>th</sup> Nov. 2013 in a 10 day certificate course at GCW, Gandhi Nagar.
  18. Delivered a lecture on 'Reproductive Health: Issues and Policies' at GCW, Gandhi Nagar on 15<sup>th</sup> Sept. 2014.
- Students of the Department Participated in the Following Extension Activities:
1. Parental Empowerment Programmes organized for the Parents of Children of Nursery School in the Year 2011, 2012, 2013, 2014 and 2015.
  2. Activities organized for the Special children and their parents in the year 2011, 2012, 2013 and 2014.
  3. Activities organized for the inmates of Old Age Home.
  4. Internship in various ECCE Centres of Jammu.
48. Give details of "beyond syllabus scholarly activities" of the Department.

The primary objective of the Department is derived on the basis of our motto "Overcoming Underachievement" and stands at promoting overall holistic development of the students. Apart from the teaching-learning process, the students are offered opportunities of exploring their full human potential. They are provided platforms to participate in seminars, workshops and training programmes at a regular interval. Student seminars help not only in developing their knowledge base but also helps in developing their confidence and self

esteem. Interactions with subject experts are a regular feature for both the students as well as the scholars. Personality development initiatives in form of lectures and workshops are also conducted. Research based activities are also held to develop scientific and research aptitude of the students. Internships and in-house job training sessions at ECCE centres, Special Needs homes and Institutes, Child and family welfare organisations are an integral part of the Department activities. Empowerment programmes for parents and teachers organised by the students under the mentorship of faculty is another salient feature of the Department. Field visits are also carried out to supplement academic learning. Wide spread usage of ICT is encouraged and promoted.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details:

N.A

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The Departmental is a nodal centre for generating a wealth of knowledge on various facets related to children, adolescents and youth. By virtue of the research based activities, a significant database has been generated on the marginalised and often overlooked social sectors. Some of the areas on which noticeable work has been done include:

1. Reproductive health issues of tribal adolescent girls
2. Health seeking behaviour of women
3. Wellbeing of Gujjar tribal children
4. Learning mechanisms of children
5. Monitoring and evaluation of ICDS projects in Jammu

Apart from these demographic profiling of children, youth and women has been carried out extensively. Researches that look into creating more equitable social fabric have been conducted. Researches have been elaborately published by the faculty in both National and International journals of repute.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Five major strengths:

1. Inter disciplinary approach and Theoretical as well as Application orientation.
2. Experiential learning through laboratory work and field visits.
3. Research focus on underprivileged and marginalized groups in the local context.
4. Extensive outreach activities.
5. Nursery School and Day Care Centre as a Practical Laboratory and Facility for University Employees

#### Weaknesses:

1. Inadequate placement opportunities for students.
2. Limited Scientific Equipment grant/other grants for the Department, Non availability of Payment seat fund.
3. Lack of adequate international collaborations.
4. Requirement of additional support staff for office, laboratories and stores

#### Opportunities:

1. Consolidation of Existing discipline of “Human Development”
2. Skill development courses.
3. Developing Laboratories and Teaching facilities for opening MDP in Food Science & technology.
4. Formal Consultancy to more Government agencies, NGOs, Private Schools & ECCE Centres
5. Linkages with National And International Agencies

#### Challenges:

1. To create additional placement opportunities for Home Science students.
  2. To promote efforts for removal of misconceptions related to “Home Science” discipline in society and to make the discipline visible and relevant in the present world.
  3. Advocacy for inclusion of Home Science subject at Senior Secondary levels in Government and private schools.
  4. To make efforts to obtain UGC-SAP approval for the Department of Home Science.
  5. To develop the Department of Home Science as Centre of Excellence for Childhood Studies.
52. Future plans of the department.
1. Consolidation of existing discipline of M.Sc. (Human Development)-Creating better laboratories (especially in view of the damage to laboratory equipments due to water seepage), developing new laboratories-(a) Screening and assessment laboratory (b) Stimulation laboratory
  2. Replacing systems in the computer laboratory, Expansion of Nursery school to include more children and better facilities.
  3. Developing skill development courses based on NSQF-P.G. Diploma course in ECCE, short term “Parental coaching” course, P.G. Diploma course in “Dietetics and food processing”, in a sequential manner.
  4. Operationalising M.Sc. course in Food Science and Technology with addition of staff and laboratory equipments.
  5. Promoting research activities by obtaining funds from national and international agencies.
  6. Developing collaborations at local, national and international level for resource sharing and networking.
  7. Organisation of Awareness activities and intervention efforts through conferences, workshops and seminars on the themes related to children, adolescents, elderly and individuals with special needs.



## EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the Department : Physics and Electronics
2. Year of establishment : 1967
3. Is the Department part of a School/Faculty of the university : Faculty of Sciences
4. Names of programmes offered
  - M.Sc. (Physics)
  - M.Sc. (Electronics)
  - M.Phil. (Physics)
  - M.Phil.(Electronics)
  - Ph.D. (Physics)
  - Ph.D. (Electronics)
5. Interdisciplinary programmes and departments involved : NA
6. Courses in collaboration with other universities, industries, foreign institutions, etc. NA
7. Details of programmes discontinued, if any, with reasons : No Programme has been discontinued
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
Choice Based Credit System & Semester System
9. Participation of the department in the courses offered by other department  
The Department has adopted the CBCS from the 2014-15 academic session. Under this, the courses in the 3<sup>rd</sup> semester of the M.Sc programmes are available to the students of the other departments and our students take up open courses floated by the other departments.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled Under Recruitment	Filled Under Career Advancement Scheme	Total
Professor	04	01	07	08
Associate Professor	07	-	03	03
Assistant Professor	13	04	-	04

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name of the Faculty Member	Qualifications	Designation	Area of Specialization	Years of experience	No of Ph.D./M.Phil students under guidance
Dr. Naresh Padha	M.Sc, M.Phil, Ph.D.	Professor	Electronics	26	M.Phil = 08 Ph.D = 03
Dr. Rajnikant	M.Sc, M.Phil, Ph.D. Post-Ph.D. (Oxford)	Professor	X-ray Crystallograpy (Condensed Matter Physics)	26	M.Phil = 15 Ph.D = 06
Dr. Anju Bhasin	M.Sc, M.Phil, Ph.D.	Professor	High Energy Physics	21	M.Phil = 05 Ph.D = 02
Dr. Vivek Gupta	M.Sc, M.Phil, Ph.D.	Professor & Head	X-ray Crystallograpy (Condensed Matter Physics)	22	M.Phil = 05 Ph.D = 04
Dr. P.V.K.S Baba	M.Sc, M.Phil, Ph.D.	Professor	High Energy Physics	20	M.Phil = 10 Ph.D = 02
Dr. S.S. Sambyal	M.Sc, M.Phil, Ph.D.	Professor	High Energy Physics	17	M.Phil = 06 Ph.D = 02
Dr. Arun Bharti	M.Sc, M.Phil, Ph.D.	Professor	Nuclear Theory	22	M.Phil = 09 Ph.D = 03
Dr. K.K.Bamzai	M.Sc, M.Phil, Ph.D.	Professor	Crystal Growth & Material Sciences (Condensed Matter Physics)	18	M.Phil = 11 Ph.D = 05
Dr. Susheel Sharma	M.Sc, Ph.D., NET	Associate Professor	Electronics	20	M.Phil = 08 Ph.D = 01
Dr. P.K. Lehana	M.Sc, Ph.D, NET	Associate Professor	Electronics	19	M.Phil = 04 Ph.D = 01
Dr. Rakesh Vaid	M.Sc, Ph.D	Associate Professor	Electronics	18	M.Phil = 06 Ph.D = 00
Dr. Ramni Gupta	M.Sc, Ph.D., NET	Assistant Professor	High Energy Physics	13	M.Phil = 05 Ph.D = 00
Dr. Rockey Gupta	M.Sc, Ph.D, NET	Assistant Professor	Electronics	13	M.Phil = 00 Ph.D = 00
Dr. Rani Devi	M.Sc, M.Phil, Ph.D.	Assistant Professor	Nuclear Theory	13	M.Phil = 06 Ph.D = 01
Mr. Sandeep Arya	M.Sc, NET	Assistant Professor	Electronics	06	-

12. List of senior Visiting Fellows, Adjunct Faculty, Emeritus Professors

**Prof. S.K. Khosa Emeritus Professor (CSIR)**

Resource persons (Visiting Fellows)

1. Prof. R.K Mandal Banaras Hindu University
2. Prof. V.S Bhasin University of Delhi
3. Prof. M. A Wahab Head, Department of Physics, Jamia Millia Islamia
4. Prof. A. K Jain Indian Institute of Technology, Delhi
5. Prof Rakesh DharGuru Jambheshwar University of Science and Technology  
Hisar
6. Prof. Syed N Amed Jamia Millia Islamia, New Delhi
7. Dr. D.P Singh Guru Nanak Dev University, Amritsar
8. Dr. Rajeevan Chandel NIT, Hamirpur
9. Prof. S. S Malik Guru Nanak Dev University, Amritsar
10. Prof. Shakeel Ahmed Aligarh Muslim University, Aligarh
11. Prof. R.K Shivpuri Distinguished Professor and Senior Advisor, University of  
Petroleum and Energy Studies (UPES), Dehradun
12. Dr. Kirti Ranjan University of Delhi
13. Prof. Vinay Gupta University of Delhi
14. Prof. P.K Raina Indian Institute of Technology, Ropar.
15. Dr. A.K Razdan Lastec, DRDO, Delhi

13.. Percentage of classes taken by temporary faculty – programme-wise information

M.Sc Physics : Nil

M.Sc Electronics: 30%

Name of the Contractual Member/ Post Doctoral Fellow	Qualifications	Designation	Area of Specialization	Program	%age of course
Dr. Renu Bala	M.Sc., M.Phil., Ph.D.	Senior Research Assistant	High Energy Physics	M.Sc.(Physics)	100% course taught

Dr. Deepa Singh	M.Sc., Ph.D.	(Pool Officer CSIR)  Women Scientist-B (DST, GOI)	Crystal Growth and Material Characterization	M.Sc.(Physics)	100%
Dr. Usha Parihar	M.Sc., NET Ph.D.	Contractual Lecturer	Electronics	M.Sc. (Electronics)	100%
Dr. Ramesh Sachdeva	M.Sc., Ph.D.	Contractual Lecturer	Electronics	M.Sc. (Electronics)	100%
Ms. Deepti Sharma	M.Sc., NET	Teaching Assistant	Electronics	M.Sc. (Electronics)	100%

14. Programme-wise Student Teacher Ratio

Program	Student teacher Ratio
M.Sc. (Physics)	1:4
M.Sc. (Electronics)	1:4

15. Number of academic support staff (technical) and administrative staff: Sanctioned, Filled and actual Academic Support Staff

	Sanctioned	Filled	Actual
Academic Research Staff (Scientist G, Engineer, Programmer)	5	3	3
Academic Support Staff (technical)	11	9	9
Administrative Staff	5	5	5

16. Research Thrust Areas as recognized by major funding agencies

There are two major areas of research identified as Thrust Areas by the UGC:

- (i) High Energy Physics

(ii) Physics of Materials.

- a) X-ray Crystallography
- b) Crystal Growth and Material Research
- c) Solid State Electronics.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

Number of the faculty/PI	Year	Title of the Project	Name of Funding Agency	Amount Sanctioned
Prof. Anju Bhasin	2005-2010 (Completed)	GRID Computing	Department of Science and Technology, Govt. Of India	Rs 92.5 lakhs
Prof. K.K Bamzai	2007-2010 (Completed)	Crystal Growth & Characterization	DRDO	Rs15.0 lakhs
Prof. Rajnikant	2009-2012 (Completed)	Single Crystal Growth, Activity Determination, X-Ray Structure and Hydrogen Bonding Analysis of Some Bioactive Organic Molecules	UGC	Rs 7.97 lakhs
Prof. Naresh Padha	2009-2012	Semiconductor Material & Devices	DRDO	Rs 14.71lakhs
Prof. Anju Bhasin	2009-2010	ALICE (Operation and Utilization)	Department of Science and Technology, Govt. Of India	Rs 40.0 lakhs
Prof. Anju Bhasin	2010-2013	India LHC Grid Collaboration	Department of Science and Technology, Govt. of India	Rs 29.70 lakhs
Prof. Anju Bhasin	2009-2011	Pre-Operative Programme for Indian participation in FAIR project at GSI, Darmstad, Germany	Department of Science and Technology, Govt. of India	Rs 27.50 lakhs
Prof. Anju Bhasin	2009-2014 (completed)	A large Ion Collider experiment Operation and Utilization	Department of Science and Technology, Govt. of India	Rs 232 lakhs

Prof. Anju Bhasin	2010-2012 Completed	INO project	Department of Science and Technology, Govt. of India	Rs 13.83 lakhs
Prof. P.V.K.S Baba	2012-2015 Ongoing	Indian Physics on Neutrino Project at Fermi lab (USA)	Department of Science and Technology, Govt. of India	Rs 90.0 lakhs
Prof. Anju Bhasin	2014-2019 Ongoing	ALICE Upgrade, Operation and Utilization	Department of Science and Technology, Govt. of India	Rs 615.0 lakhs
Prof. Anju Bhasin Er. Anik Gupta	2014-2019 Ongoing	GRID	Department of Science and Technology, Govt. of India	Rs 26.80Lakhs
Dr Parveen Lehana	2013-2014	Fabrication of nanomaterial based SAW devices for investigating its directional and interference properties	Under INUP programme in the Centre for Excellence in Nanotechnology, IIT, Mumbai	All expenses are borne by IIT, Mumbai under this programme
Mr. Sandeep Arya	2013-15 Ongoing	Design of low power integrated antenna for Bluetooth applications	Minor Research Project funded by UGC	Rs. 1.45 Lakhs
Dr. Rakesh Vaid		Fabrication and Characterization of MOS capacitor Using Ge/GaAs/InAs substrate to be used for future nanoscale MOSFETs	Under INUP programme in the Centre for Excellence in Nanotechnology, IIT Bombay, Mumbai	All expenses are borne by IIT, Mumbai under this programme
		Simulation and optimization of New Superjunction Power MOSFETs (SJ MOSFET) with buried oxide/oxide filled pillar in the drift region.		
		Fabrication & Characterization of Pt/HfO <sub>2</sub> /SiON/Ge/Si-MOS capacitor for non-volatile memories.		

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

b) International collaboration

S.No.	Name/Details	Grants (Amount)
1	ALICE ( A Large Ion Collider Experiment) at the Large Hadron Collider (LHC), CERN, Geneva, Switzerland	Rs. 615.0 Lakhs
2	STAR ( Soloniodal Tracker At RHIC) at the Realetavistic Heavy Ion Collider (RHIC) at BNL, Long Island, USA	
3	CBM ( Compressed Baryonic Matter) at FAIR (Facility for Antiproton and Ion Research) at GSI, Darmstad, Germany	Rs. 27.50 Lakhs
4	NOVA (Fermilab-India Collaboration)	Rs. 91.90 Lakhs
5	GRID Project	Rs. 26.80 Lakhs

**Total Amount :761.2Lakhs**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

<b>2013-2018</b>	<b>DST FIST</b>	Department of Science and Technology, Govt. Of India	<b>288 lakhs</b>
<b>2013-2018</b>	<b>DRS</b>	University Grants Commission	<b>52 lakhs</b>

**Total Amount:-Rs. 340 Lakhs**

20. Research facility / centre with

State Recognition	National Recognition
	<ul style="list-style-type: none"> <li>DST - XRD National Facility on Single Crystal X-ray Diffractometer with CCD Camera (at Jammu University) under DST-Sponsored Project.</li> </ul>

21. Special research laboratories sponsored by / created by industry or corporate bodies **NA**
22. Publications: (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)
  - Number of papers published in peer reviewed journals (national / international) **1013**
  - Monographs  
**NA**  
Chapters in Books  
**2**
  - Edited Books **NA**
  - Books with ISBN with details of publishers –
    1. *Prof. Rajnikant*, Applied Solid State Physics WILEY INDIA [Wiley-India] 978-8-126-52283-5 [2011]
    2. *Prof. Rajnikant*, Prof. V.K Gupta, Ehsan Elahi Polymorphism and Multiple Molecule X-ray Structure of Some Biphenyls 978-3-659-16475-0 [2012] Lambert Academic Publishing.
    3. *Prof. K.K Bamzai* Perovskite Ceramics: Preparation, Characterization and Properties ISBN No.: 978-3-659-25617-2 Publisher: LAP Lambert Academic Publishing, Germany[2012-13]
    4. *Prof. Rajnikant*, Prof. V.K Gupta, Preetika Pharmaceutical Drug Polymorphism: A Crystallographic Review of Aspirin, Paracetamol and Norfloxacin  
978-3-659-23036 [2013] Lambert
    5. *U. Parihar, N. Padha* “CuInAlSe<sub>2</sub>: Formation, Characterization and Current Transport”, Lambert Academic Publishing, 2014. ISBN 978-3-639-71318-3
23. Number listed in International Database (*e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)  
  
Citation Index – range / average  
SNIP  
SJR  
Impact Factor – range / average  
h-index



S. NO.	Name of the Faculty	No. of Citation	h-Index	No. of Publications in Scopus	No of Publications	SNIP	SJR	Impact Factor
1.	Prof. Naresh Padha	29	3	8	17			0.194-2.206
2.	Prof. Rajnikant	122	5	179	204	0.210-1.697	0.227-2.918	0.413-6
3.	Prof. Anju Bhasin	5307	38	182	186	0.83-8.86	0.5-18.355	0.9-40.0
4.	Prof. Vivek K.Gupta	100	5	199	199	0.210-1.697	0.227-2.918	0.413-4.002
5.	Prof. P.V.K.S. Baba	4946	38	142	142	1.136 –7.731	0.961-6.249	1.136 –7.731
6.	Prof. S.S.Sambyal	3172	32	102	114	0.83-2.18	0.52-4.09	0.9-8.0
7.	Prof. Arun Bharti	3	1	3	14	1.435	0.400	0.711-3.881
8.	Prof.K.K. Bamzai	34	13	18	18	1.568	0.935	0.16-3
9.	Dr. Susheel Sharma	22	3	8	8	0.532-1.104	0.177-0.382	0.32-0.872
10.	Dr. Rakesh Vaid	1	1	9	12	0.442- 1.183	0.1 - 1.638	0.6-1.32
11.	Dr. Parveen Lehana	4	1	8	51	0.437-1.216	0.166-0.697	0.870-1.966
12.	Dr. Ramni Gupta	3172	32	102	114	0.832 to 2.186	0.5 to 4.099	2.3 to 7.4
13.	Dr. Rani Devi	0	1	6	6	0.493-1.516	0.45-1.683	0.5-3.5
14.	Dr.Rockey Gupta	11	4	4	4	0.532-1.104	0.177-0.382	0.32-0.872
15.	Mr. Sandeep Arya	2	1	9	9	0.43-1.2	0.16-0.42	0.8-1.9

11.	Dr. Parveen Lehana	4	1	8	51	0.4 37- 1.2 16	0.16 6- 0.69 7	0.870- 1.966
12.	Dr. Ramni Gupta	3172	32	102	114	0.8 32 to 2.1 86	0.5 to 4.09 9	2.3 to 7.4
13.	Dr. Rani Devi	0	1	6	6	0.4 93- 1.5 16	0.45 - 1.68 3	0.5-3.5
14.	Dr. Rockey Gupta	11	4	4	4	0.5 32- 1.1 04	0.17 7- 0.38 2	0.32- 0.872
15.	Mr. Sandeep Arya	2	1	9	9	0.4 3- 1.2	0.16 - 0.42	0.8-1.9

24. Details of patents and income generated (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)  
Nil
25. Areas of consultancy and income generated (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)  
Nil
26. Faculty selected nationally / internationally to visit other laboratories / institutions a. industries in India and abroad (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)
- A. Prof. Anju Bhasin**
- i). Fulbright Academic and Excellence Fellow at Lawrence Berkeley National Lab, Berkeley, California, USA( 15<sup>th</sup> Nov, 2014-15<sup>th</sup> Aug, 2015)
- B. Dr. Ramni Gupta**
- i). JK Young Scientist Fellowship 2014 to work at Variable Energy Cyclotron Centre, Kolkata

C. **Mr. Sandeep Arya**

- i) Received “IASc-INSa-NASI Summer Research Fellowship in 2012” sponsored by IASc-INSa-NASI collectively

27. Faculty serving in

National committees

**Anik Gupta**

Member, LHC, GRID TASK FORCE, Department of Atomic Energy

International committees

**Prof. Anju Bhasin**

- Member, Collaboration Board, STAR Experiment, Brookhaven National Laboratory, USA
- Member, Collaboration Board, ALICE Experiment, CERN, Geneva, Switzerland
- Member, Collaboration Board, CBM Experiment, FAIR-GSI, Germany.

Editorial Boards

**Prof. Rajnikant**

- Assoc Editor- Open J of Inorg Chem, Sci Res Publ, USA (2011)
- Member, Editorial Board, SOP Transactions in Applied Chemistry, Science *Online* Publishing, USA
- Member-Editorial Board, SOP Transactions in Organic Chemistry, Science *Online* Publishing, USA
- Member-Science Journal of Analytical Chem, Sci. Publ.Group, USA
- Member-Science J of Organic Chemistry, Sci. Publ.Group, USA

**Prof.P.V.K.S.Baba**

- Member, Institutional Board, **NOVA Experiment**, FERMILAB, USA .
- Member, Institutional Board, **DUNE Experiment**, FERMILAB, USA .

**Prof. Arun Bharti**

- Referee of Indian Journal of Physics- *an International Journal of India*.
- Member- Editorial Board of Journal of Nuclear Physics, Material Sciences, Radiation and Applications - *a refereed research journal published by Chitkara University (India)*.

Others

**Prof. Rajni Kant :** Coordinator UGC-NET Examination Dec'12-June'14

**Prof. Naresh Padha:** Coordinator UGC-NET Examination Dec'14 onwards

28. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

**Following Faculty members attended various courses during this period**

<b>Name of Faculty</b>	<b>Name of Course</b>	<b>Place</b>	<b>Date</b>
Dr. Ramni Gupta	Refresher Course in Physics	University of Jammu	Feb. 1, 2010
Dr. Rani	3-Day Workshop on Numerical Solutions to Mathematical Models using FOSS Tools	Department of Mechanical Engineering JNTUH College of Engineering Hyderabad	03-05 January, 2013
	2-Day	University of Jammu	Sept. 6-7, 2014
	Familiaization Workshop on Nanofabrication Technologies		
Dr. Rockey Gupta	INUP Hands on training workshop on fabrication & characterization of crystalline silicon solar cells	IIT, Mumbai	Nov. 17-22 2014
	Refresher course in Physics	University of Jammu	Feb. 25- Mar 17 2011
	Refresher course in Physics	University of Jammu	Feb. 01-22 2010
Mr. Sandeep Arya	Orientation Course	University of Jammu	Dec 7 2009 - Jan, 1 2010

29. Student projects (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)
- percentage of students who have done in-house projects including inter-departmental projects  
  
All MSc IV Semester Students (**50%**)
  - percentage of students doing projects in collaboration with other universities industry / institute.  
  
MSc Electronics IV Semesters Students (**50%**)
30. Awards / recognitions received at the national and international level by
- Faculty (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)**  
  
**Prof. Anju Bhasin**
    - Fulbright Academic and Excellence Fellow at Lawrence Berkeley National Lab, Berkeley, California, USA( 15<sup>th</sup> Nov, 2014-15<sup>th</sup> Aug, 2015)
    - Honorary Research Senior Fellow at University of Birmingham, U.K (for Research Work related to Trigger Studies in Large Experiments to University of Birmingham (June 2012-Aug 2018).

**Prof. K.K Bamzai** Received Materials Research Society of India Medal for the year 2015 (MRSI Medal 2015) during 26<sup>th</sup> Annual General Meeting of MRSI at University of Rajasthan on 10<sup>th</sup> February 2015.

**Dr. Ramni Gupta** JK Young Scientist Fellowship 2014 to work at Variable Energy Cyclotron Centre, Kolkata.

**Mr. Sandeep Arya** Received “IASc-INSa-NASI Summer Research Fellowship in 2012” sponsored by IASc-INSa-NASI collectively.
  - Doctoral / post doctoral fellows Nil
  - Students Nil
31. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any. (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

<b>Title</b>	<b>Funding Agencies</b>
2-days Familiarization workshop on Nano Fabrication Technologies under Indian Nanoelectronics user's programme (INUP) 6 - 7 September 2014.	IIT-Mumbai & University of Jammu
National Seminar on Crystal Engg. and Drug Design	SERB (DST), DRDO, UGC
National Conference on Emerging Challenges in Nuclear and Many- body Physics	
Course on "Semiconductors: Materials, Characterization and Application" on 30 <sup>th</sup> Jan. 2014	
International Conference on Triggering Discoveries in High Energy Physics at University of Jammu, 9 <sup>th</sup> -15 <sup>th</sup> September, 2013	DAE, DST, DRDO, J&K DST, PURSE (University of Jammu)
International Symposium on Semiconductor Materials and Devices(IISMD -2) from 31 <sup>st</sup> Jan-Feb. 2 <sup>nd</sup> , 2013, Department of Physics and Electronics.	DST, DRDO, J&K DST, DRS (Physics), MNRE
One day workshop on "Recent Trends in Physics" on 26 <sup>th</sup> March 2012.	SAP-DRS UGC Unassigned Grant
One day seminar on the topic "Semiconductor Nanomaterials and Devices on 25 <sup>th</sup> of March 2010.	SAP-DRS (II)
39 <sup>th</sup> Nat. Sem. on Crystallography, February 25 - 27, 2010	ICMR, DRDO, DST, CSIR, UGC
Workshop on Search for QCD Critical Point at Patnitop from 16-18 <sup>th</sup> September, 2009.	DST, University of Jammu

32. Code of ethics for research followed by the departments

The department strives for excellence in teaching as well as in research. We have research groups which have visibility at National as well as International level. The research output of the department can be gauged in terms of the number of publications and the amount of the funding received for the research activities. So the various research groups and the department as a whole follows whatever the code of ethics for research are there for the national and international research, in the respective fields.

33. Student profile programme-wise: (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Physics	1699	127	126	Above 90%	Above 90%
M.Sc. Electronics	612	59	77	Above 90%	Above 90%
M.Phil. Physics	135	31	38	100	100
M.Phil. Electronics	58	9	8	100	100
Ph.D. Physics	184	32	14	100	100
Ph.D. Electronics	201	4	8	100	100

34. Diversity of students (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. Physics	99%	Nil	1%	Nil
M.Sc. Electronics	100	Nil	Nil	Nil
M.Phil. Physics	95%	Nil	5%	Nil
M.Phil. Electronics	100%	Nil	nil	Nil
Ph.D. Physics	95%	2%	3%	Nil
Ph.D. Electronics	100%	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

<b>Civil Services</b>	<b>Defence Services</b>	<b>NET</b>	<b>SET</b>	<b>GATE</b>	<b>Other</b>
02	-	20	03	01	-

35. Student progression (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

Student progression	Percentage against enrolled
UG to PG	N.A.
PG to M.Phil.	30%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	1%
Employed Campus selection Other than campus recruitment	—
Entrepreneurs	—

36. Diversity of staff

Percentage of faculty who are	
Graduates of the same university	90
From other universities within the state	0
From universities from other states	10
From universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

<b>M.Phil.</b>	<b>Ph.D.</b>	<b>D.Sc.</b>	<b>D. Lit.</b>
<b>Nil</b>	<b>One</b>	<b>Nil</b>	<b>Nil</b>

38. Present details of departmental infrastructural facilities with regard to

#### **Library**

The Department has a Library which is equipped with

Books: ~14000



#### Journals

- Pramana
- Indian Journal of Pure and Applied Physics
- Bulletin of Materials Science
- Science Reporter
- Physics Abstracts
- Chemical Abstracts
- Nuclear Physics B
- Acta Crystallographica
- Physical review A, B & C
- Journal of Crystal Growth
- Physics Letters B

#### Online Journals

Department is connected to the central library through INFLIBNET and J-gate

The Library also has the computing facility for the students

#### **b Internet facilities for staff and students**

For M.Sc/M.Phil/Ph.D. Students and faculty, a common computer FIST facility has been created under the FIST support. Our current configuration in FIST Lab is twelve Windows 7 machines with various software and two monochrome printers. Access to the campus network and to the Internet is provided by a complete campus 802.11a/g wireless network by the Directorate of IT of the University.

The Department is under the process of creating a new High Performance computing lab which is already sanctioned under the FIST program which will have a 32 Node Computing Facility.

c	Total number of class rooms	4 + 2 (seminar Rooms)
d)	Class rooms with ICT facility	3
e)	Students' laboratories	5
f)	Research laboratories	11

39. List of doctoral, post-doctoral students and Research Associates (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

<b>S. No</b>	<b>Name of Doctoral students</b>	<b>Year of Award</b>
1.	Ms. Gurbinder Kour	2014
2.	Ms. Radhika Gupta	2014
3.	Mr. Ranbir Singh	2014
4.	Mr. Rockey Gupta	2014
5.	Ms. Kamini Kapoor	2014
6.	Mr. Kuldeep Singh	2014
7	Mr. Daya Ram	2014
8	Ms. Preeti Verma	2014
9	Ms Sumati Anthal	2014
10	Mr. Chaman Lal	2014
11	Mr. Chetan Sharma	2013
12	Ms. Ravjeet Kour	2013
13	Ms. Usha Parihar	2013
14	Mr. Ramesh Sachdeva	2013
15	Mr. Rawan Kumar	2013
16	Mr. Deepak Sharma	2013
17	Ms. Sabeta Kohli	2012
18	Mr. Arvind Bhat	2012
20	Ms. Shivani Suri	2012
21	Ms. Nidhi	2012
22	Mr. Vishal Singh	2011
23	Mr. Narinder Kumar	2011
24	Mr. Suram Singh	2011
25	Mr. P.S. Manhas	2010

26	Mr.Rajneesh Sharma	2010
27	Mr. Satish Sharma	2010
28	Mr. Bhavnaish Chand	2009
29	Ms.Priyanka Kanwal	2009
30	Mr. Sunil Manohar Dogra	2009

a) from the host institution/university

**Dr. Renu Bala**

1. Research Associate: Department of Physics, University of Jammu, April 2012- April 2014
2. Senior Research Associate (Pool Officer): CSIR, New Delhi, stationed at Department of Physics, University of Jammu. April 2014 -Present.

**Dr. Satish Sharma (Research Associate)**

(Oct, 2011 to June,2013)

b) from other institutions/universities

**Dr. Deepa Singh**

(Woman Scientist Nov. 2013-Present)

40. Number of post graduate students getting financial assistance from the university.

During the period under report, 49 students got financial assistance under different schemes viz.,

- University merit-cum-means scholarship in M.Sc.
- Research fellowships like JRF, SRF.
- Project fellowships in projects funded by different agencies like UGC, DST and CSIR.
- University research scholarship for M.Phil. and Ph.D.
- Rajiv Gandhi Research fellowship for SC candidates.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before the development of new programmes, an exercise on the requirement for introduction of new subject with respect to research, technology and academic viability is undertaken. In this regard, committees are constituted and different meetings are held for threadbare discussions. Consideration is given to the level of the course and its importance and future prospects. Taking due cognizance of the requirements of subject in terms of national and international scenario in terms of academics and research, the new courses are floated. In the same way the courses are modified. Such an exercise was taken by the department in the period of the report for the development of Ph.D. course work, M.Phil. first semester course and the different courses being introduced under the recently adopted CBCS by the University.

During this period, an exercise was also taken to float BSc (Honours) programme in Physics. After an in-depth study on various aspects, syllabi was developed and a report on other requirements for starting this course was submitted to the University for further necessary action.

41. Does the department obtain feedback from

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

In order to develop the curriculum the inputs obtained by the faculty helps in updating curriculum. And the feedback from teaching-learning-evaluation is helpful in developing and modifying methodologies of evaluation on regular basis

Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Such feedback is obtained informally and is implemented as per the needs.

Alumni and employers on the programmes offered and how does the department utilize the feedback?

NA

42. List the distinguished alumni of the department (maximum 10)

**Alumni of the department**

1. Dr. Sudarshan Kumar ,Director, DRDO.
2. Prof. R.K. Bedi, Professor, GNDU.
3. Prof. Devanand, Professor, CUJ.
4. Prof. K.K. Raina, Vice Chancellor, DIT, Dehradun.
5. Dr. Preeti Kashyap, Former Principal, Polytechnic College, Jamia Malia, Delhi.
6. Dr. Anima Jain, Principal, DAV College.
7. Dr. Sushma Bhatt, Scientist, USA.
8. Dr. Sarita Kachroo, Scientist, USA.
9. Dr. Ashok Yadav, Scientist, DRDO.
10. Dr. Sanjay Koul, Scientist, USA.
11. Dr. Shiv Kumar, Scientist SSPL.
12. Dr. Romesh Rao, Scientist, Singapore.

43. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.(w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

1. Dr. D.P. Singh

2. Prof. Syed Nassem Ahmed
  3. Prof. T.P. Singh
  4. Prof. R.K. Mandal
  5. Prof. M. A. Wahab
  6. Prof. V.S. Bhasin
  7. Prof. A. K Jain
  8. Prof. Rakesh Dhar
  9. Prof. Syed N Ahmed
44. List the teaching methods adopted by the faculty for different programmes.
- Black Board teaching
  - Tutorials
  - Seminars
  - Lab Work
  - Project work
  - PowerPoint teaching/ICT technologies
  - Workshops
45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- The faculty of the department has been striving hard to keep themselves abreast with the latest developments taking place in all research areas of physics which are being pursued by the department and regular participation in seminars and conferences within and outside the country. Research projects are also being put up to various national funding agencies for research grants and latest scientific equipments for the students. Research publications in standard referred journals are also being made by the faculty, besides publication of books by some faculty members.
46. Highlight the participation of students and faculty in extension activities.
- (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)
- The faculty of the department often go as resource persons in the various extension activities organised by the other departments of the University such as the Department of Life Long Learning, Department of Women Studies etc.
47. Give details of “beyond syllabus scholarly activities” of the department.

Beyond syllabus scholarly activities include the research, organisation of workshops/seminars/ symposia etc along with the participation as well as presentations in these activities. Students participate in different co-curricular activities organised by University. Regular excursions and student parties such as fresher's party and farewell parties are also organized.

48. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No

49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department is generating the new knowledge in both the basic sciences and applied sciences in terms of its research output.

50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

#### Strengths of the Department

1. The Department has Master's degree program in both Physics and Electronics which is at par with national curriculum designed by UGC for Indian Universities and is competitive in nature with international curriculum
2. The Department has Research labs which are highly sophisticated and at par with the labs of other universities in the field of High Energy Physics, Condense matter Physics, Theoretical Physics and Electronics.
3. The Department has a large number of research projects funded by National / International funding agencies worth 1247.63 Lakhs over a period of last five years.
4. The Department is also funded by UGC under the SAP programme.
5. The High Energy Physics Research group is part of the world acclaimed International Experimental project at the large Hadron Collider (LHC) at CERN, Geneva and also a part of the project at Fermi lab. The group has contributed to the experiments of fabricating the Detectors (the only University among the Indian collaborators) at Jammu in the lab at the Department and installing it at CERN, Geneva STAR, BNL at USA.
6. The faculty members are part of several international bodies, societies and have awarded several fellowships, awards etc.
7. The Department has a National Facility on computer controlled "Single Crystal X-ray Diffractometer with CCD camera sponsored by the Ministry of Science and Technology.

#### Weaknesses

1. The Department has an M.Sc Electronics program which at present has only four faculties. The department presently is running the Electronics program with adhoc faculty.
2. The labs of the Electronics Research program need to be upgraded.
3. In Physics, the department presently has four specializations mainly High energy physics, Condense matter Physics, Theoretical Physics and Electronics. With the growth of the

department, there is a need to expose students to all branch of Physics to expand the specializations and for which new labs need to be setup.

#### Opportunities

1. To strive for excellence.
2. To provide quality leadership to other affiliated undergraduate colleges and to other smaller neighboring universities.

#### Challenges

1. The Challenge of the department is to make every field of specialization at par with the world class labs.
2. The Department plans to improve its courses further so that the students can compete with the other Universities in the world.

#### 51. Future plans of the department.

Physics plays an important role in all aspects of modern technology, and physicists are as likely today to be found in industry- working on practical problems- as in universities and government research laboratories –working on problems whose applications are longer range.

While fulfilling their mission the physics faculty pursue several broad goals. They intend to help students who study with them.

- Appreciate the value and beauty of physics for understanding the physical world around them;
- Learn and apply the conceptual and analytical tools and the experimental methods of physics.
- And pursue careers in physics and physics related fields.

The goals of the Physics Department are to provide innovative, high quality teaching, to conduct research of international importance, collaborate with industry and to communicate our enthusiasm for our subject





# **Faculty of Social Sciences**



# **FOREWORD**

## **FROM**

### **DEAN, FACULTY OF SOCIAL SCIENCES**

The Faculty of Social Sciences is one of the largest faculties of University of Jammu in terms of number of departments and number of students. The Faculty of Social Sciences is engaged in running courses like M.A, M.Phil and Ph.D. In addition to the catering of teaching and research in various disciplines of Economics, History, Political Science, Psychology, Sociology and Library and Information Science, the Faculty has branched out its new direction by setting up new centres in areas such as Women studies, Strategic and Regional Studies, Nehru Studies, Gandhian Centre for Peace and Conflict Studies, Jammu and Ladakh Studies, Studies in Museology and Dr. Ambedkar Studies etc. along with some of the professional courses to meet the emerging challenges of present day world.

Research is also an integral and significant component of the academic activity at the faculty level and the contribution of some of the teachers has been recognized at the national and international levels. Different departments under the Faculty of Social Sciences organize Workshops, Seminars and Conferences in their respective priority areas. The faculty members are also involved in different research projects sanctioned by different funding agencies at both national and International level. The Faculty has rich academic database comprising of fifty teaching faculty in addition to good number of supporting staff. Some of the vacant positions are being filled up.

Academic disciplines related to social science subjects have lot of impact not only on education but also on social development and national integration. The social sciences contributes to the advancement of society through excellence and innovation in teaching and learning, research and knowledge exchange. It also aims to produce citizens with a global perspective who are critical thinkers, socially aware, ready to embrace diversity and seek to make an impact on society. Therefore, the long term vision of Faculty of Social Sciences is to move ahead, encourage and enhance the economic, social, political and cultural development of society through teaching, research, innovation, community and public service and intellectual leadership.

## EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the Department : Economics
2. Year of establishment : 1956
3. Is the Department part of a School/Faculty of the university? Faculty of Social Sciences.
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)  
M.A., M.Phil, Ph.D.
5. Interdisciplinary programmes and departments involved. No
6. Courses in collaboration with other universities, industries, foreign institutions, etc. No
7. Details of programmes discontinued, if any, with reasons. M.A Economics with specialization in Public Policy from 2016-2017, primarily due to lack of demand.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System Semester system, Choice Based Credit System.
9. Participation of the department in the courses offered by other departments.  
Mandatory in the Choice Based Credit System. In addition, Faculty members take lectures in other Departments like Department of Environment Science, The Business School and Department of Life Long Learning.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled Under Recruitment	Filled Under Career Advancement Scheme	Total
Professor	05	03	02	05
Associate Professors	04	-	01	01
Asst. Professors	05	05	-	05
Contractual	-	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance :

S. No	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
1	Prof. Falendra K. Sudan	Ph.D.	Professor and Head	Environmental Economics, Sustainable Development	26 years	M.Phil: 6 Awarded and 01 ongoing. Ph.D.: 5 Awarded and 04 ongoing
2.	Dr. Rajender Gupta	Ph.D.	Professor	Microeconomics, International Economics	35 years	M.Phil:08 Awarded Ph.D.: 02 Awarded and 01 submitted
3	Dr. Jasbir Singh	Ph.D.	Professor	Macro Economics, Rural Development, Gender Studies	24 years	M.Phil: 03 Awarded and 02 ongoing. Ph.D.: 02 Awarded and 07 registered
4	Dr. Dipankar Sengupta	Ph.D.	Professor	Quantitative Techniques, Economic Theory, International Political Economics	18 years	M.Phil: 08 Awarded Ph.D.: 02 Awarded and 02 ongoing
5.	Dr. Prakash Antahal	Ph.D.	Professor	Economics of Infrastructure Development International Economics	17 years	M.Phil: 06 Awarded and 01 ongoing Ph.D.: 1 Awarded and 03 ongoing
6.	Dr. Aroon Sharma	Ph.D.	Associate Professor	Micro Economics Mathematical Economics	24 years	M.Phil 3 Awarded, 2 pursuing  Ph.D :3 pursuing
7.	Dr. Sunita Sharma	Ph.D.	Asst. Professor	Industrial Economics Indian Economy, HRD	16 years	M.Phil:11 Awarded and 01 ongoing Ph.D.:03 Registered.
8.	Dr. Virender Koundal	Ph.D.	Asst. Professor	Labour Economics, Financial Institutions, Rural Economy and macro Economics	13 years	M.Phil: 04 Awarded and 01 ongoing. Ph.D.: 02 Registered
9.	Dr. Manoj Bhatt	Ph.D.	Asst. Professor	Econometrics, Public Economics	15 years	M.Phil: 02 Awarded. Ph.D.: 2 Registered
10	Dr. Shallu Sehgal	Ph.D.	Asst. Professor	Industrial and Agriculture, Economics, Development Economics	08 years	M.Phil: 02 Awarded and 01 ongoing. Ph.D.: 2 Registered
11	Ms. Tsering Yangzom	M.A, pursuing Ph.D. from Punjab University	Asst. Professor	Econometrics Economic of Development	03 years	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors N.A
13. Percentage of classes taken by temporary faculty – programme-wise information N.A
14. Programme-wise Student Teacher Ratio PG- Two MA Programmes with two sessions running simultaneously- Total Strength 150 students respectively, 11 faculty members. Teacher student ratio is 1:14.
- M.Phil/Phd programmes 30 research scholars pursuing research. 10 eligible supervisors Teacher scholar ratio is 1:3.
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual, 3 Administrative Staff, One Professional Assistant for the Departmental Library, 2 peons for the Department and 1 peon for the library.
16. Research thrust areas as recognized by major funding agencies  
Demography, Environment and Natural Resource Economics, Human Development, Gender and Development, Energy Economics, Dalit and Tribal Studies, Rural Development and Agriculture Economics, International Economics, Developments Economics, Industrial Economics, Financial Institutions, Labour Economics, Economics of Infrastructure.
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015).

- I. Prof. Falendra Kumar Sudan
- a. On-going Research Projects

Sr. No.	Details of Project	Estimated Cost of Project
1	<p>“The Himalayan Cryosphere: Science and Society”</p> <p>a. Analyzing the role of rural institutions in enabling adaptation to climate change in the agricultural sector in the north -west Himalaya</p> <p>b. Impact of Artificial Glacier Technology on Mitigating Climate Change and Small Farmers’ Vulnerability in Cold Desert of Leh and Implications for Similar Regions of North - West Himalayan States sponsored by Ministry of Science &amp; Technology, Department of Science &amp; Technology, Government of India, New Delhi, April 2013-March 2018</p>	₹ 4,48,07,150/-
2	Development of Course Materials for Master Degree in Population Studies under e -PG Pathshala funded by Ministry of Human Resource Development, Government of India, New Delhi, October 2013-September 2014	₹ 1,12,00,000/-
3	Social Exclusion and Achievements of Millennium Development Goals (MDGs) in Scheduled Castes, Scheduled Tribes, and Minority Population of Jammu and Kashmir funded by the Indian Council of Social Science Research, New Delhi, January 2014 - December 2015	₹ 8,00,000/-

b. Completed Research Projects

Serial No.	Details of Project	Cost
1	“Comparative Assessment of Power Price Structure in Jammu & Kashmir and Other States of India and Bhutan”, Centre for Dialogue and Reconciliation, New Delhi, November 2011- October 2012	₹ 2,70,000/-
2	“Evaluation Study of Multi -sectoral Development Programme (MsDP) in Leh District of Jammu and Kashmir”, Ministry of Minority Affairs, Government of India, New Delhi, July 2011 - March 2012	₹51,00,000/-
3	“Evaluation Study of Backward Region Grant Fund (BRGF) in Poonch District of Jammu and Kashmir”, Ministry of Rural Development, New Delhi, July 2011- March 2012	₹90,00,000/-
4	Mid-Term Evaluation of XI Five Year Plan, Jammu and Kashmir - Evaluation of the Flagship Programme of the Government of India in Jammu and Kashmir, focusing on schemes of Accelerated Irrigation Benefit Programme (AIBP); Accelerated Rural Water Supply Programme (ARWSP); Jawaharlal Nehru National Urban Renewal Mission (JNNURM); and National Rural Employment Guarantee Scheme (NREGA), Planning Commission, Ministry of Finance, Government of India, New Delhi, September, 2009- March 2010	₹13,00,000/-
5	Mid-Term Evaluation of XI Five Year Plan, Jharkhand - Evaluation of the Flagship Programme of the Government of India in Jharkhand, focusing on schemes of Pradhan Mantri Gram Sadak Yojana (PMGSY); Total Sanitation Campaign (TSC); and Indira Awaas Yojana (IAY), Planning Commission, Ministry of Finance, Government of India, New Delhi, September, 2009-March 2010	₹13,00,000/-
6	Mid-Term Evaluation of XI Five Year Plan, Bihar - Evaluation of the Flagship Programme of the Government of India in Bihar, focusing on schemes of Pradhan Mantri Gram Sadak Yojana (PMGSY); Total Sanitation Campaign (TSC); and Indira Awaas Yojana (IAY), Planning Commission, Ministry of Finance, Government of India, New Delhi, September, 2009 - March 2010	₹15,00,000/-

7	“Evaluation and Impact Study of Centrally Sponsored Scheme - Intensive Dairy Development Programme”, Ministry of Agriculture, Department of Animal Husbandry, Dairying & Fisheries, Government of India, New Delhi, September 2008 - October, 2009	₹ 28,00,000/-
8	“External Evaluation of Jan Shikshan Sansthan, Ludhiana, Punjab”, Directorate of Adult Education, Ministry of Education, Government of India, New Delhi, December 2008- July, 2010	₹ 30,00,000/-
9	“Baseline Survey of Some Minority Concentration Districts of India – Mamit District - Mizoram, Udham Singh Nagar District - Uttarakhand, and Leh District - Jammu and Kashmir”, Ministry of Minority Affairs, Government of India, New Delhi, August 2007-September 2010	₹ 1,15,25,500/-

## II. Prof. Jasbir Singh

### Ongoing Projects

1	Level of Human Development and Quality of Life : A case study of scheduled castes in Jammu Region sponsored by Indian Council of Social science Research, New Delhi (as Principal Investigator)	Rs.8,00,000/-
2	The Himalayan Cryosphere: Science and Society - Inter - University Consortium (co -Principal Investigator) by Ministry of Science and Technology.	Rs. 44807150/-

### a. Completed Research Project

Serial No.	Details of Project	Cost
1	Jammu and Kashmir State Human Development Report sponsored by the State Government in collaboration with the Ministry of Planning , Government of India, 2010 (as a member of the team )	Rs.40,00,000/-

## III. Aroon Sharma, Sunita Sharma and Shallu Sehgal (Co-PI) Level of Human Development and Quality of life : A Case study of scheduled castes in Jammu Region sponsored by ICSSR, New Delhi Amount Rs. 8,00,000/-



IV Dr. Virendra Koundal

1	Educational Status of Scheduled Caste/Tribes in Jammu and Kashmir: Attainment and Challenges” sponsored by ICSSR, New Delhi for the period of two years	Rs 46.50 Lakh.
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18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration
- b) International collaboration (w.e.f. 1st June 2009 to 28th February 2015)

**1. Prof Dipankar Sengupta-** Mapping the potential of investments across various regions of Jammu and Kashmir: Rejuvenating the economic environment? (with Ambassador Arif Kamal (Pakistan), Prof. Parikshat Singh Manhas (SHTM-JU), Mr Shoaib Khan, LSE) 2013-14.

**2. Prof. Falendra Kumar Sudan**

**On-going Research Project (Collaborative)**

Sr. No.	Details of Project	Cost
1	<p>“The Himalayan Cryosphere: Science and Society”</p> <p>a. Analyzing the role of rural institutions in enabling adaptation to climate change in the agricultural sector in the north-west Himalaya</p> <p>b. Impact of Artificial Glacier Technology on Mitigating Climate Change and Small Farmers’ Vulnerability in Cold Desert of Leh and Implications for Similar Regions of North - West Himalayan States sponsored by Ministry of Science &amp; Technology, Department of Science &amp; Technology, Government of India, New Delhi, April 2013-March 2018</p>	₹4,48,07,150/-
2	Development of Course Materials for Master Degree in Population Studies under e -PG Pathshala funded by Ministry of Human Resource Development, Government of India, New Delhi, October 2013-September 2014	₹ 1,12,00,000/-
3	Social Exclusion and Achievements of Millennium Development Goals (MDGs) in Scheduled Castes, Scheduled Tribes, and Minority Population of Jammu and Kashmir funded by the Indian Council of Social Science Research, New Delhi, January 2014-December 2015	₹ 8,00,000/-

### Completed Research Projects (Collaborative)

Serial No.	Details of Project	Estimated Size of Project
1	“Comparative Assessment of Power Price Structure in Jammu & Kashmir and Other States of India and Bhutan”, Centre for Dialogue and Reconciliation, New Delhi, November 2011 - October 2012	₹ 2,70,000/-
2	“Evaluation Study of Multi -sectoral Development Programme (MsDP) in Leh District of Jammu and Kashmir”, Ministry of Minority Affairs, Government of India, New Delhi, July 2011 - March 2012	₹51,00,000/-
3	“Evaluation Study of Backward Region Grant Fund (BRGF) in Poonch District of Jammu and Kashmir”, Ministry of Rural Development, New Delhi, July 2011- March 2012	₹90,00,000/-
4	Mid-Term Evaluation of XI Five Year Plan, Jammu and Kashmir - Evaluation of the Flagship Programme of the Government of India in Jammu and Kashmir, focusing on schemes of Accelerated Irrigation Benefit Programme (AIBP); Accelerated Rural Water Supply Programme (ARWSP); Jawaharlal Nehru National Urban Renewal Mission (JNNURM); and National Rural Employment Guarantee Scheme (NREGA), Planning Commission, Ministry of Finance, Government of India, New Delhi, September, 2009 - March 2010	₹13,00,000/-
5	Mid-Term Evaluation of XI Five Year Plan, Jharkhand Evaluation of the Flagship Programme of the Government of India in Jharkhand, focusing on schemes of Pradhan Mantri Gram Sadak Yojana (PMGSY); Total Sanitation Campaign (TSC); and Indira Awaas Yojana (IAY), Planning Commission, Ministry of Finance, Government of India, New Delhi, September, 2009-March 2010	₹13,00,000/-

6	Mid-Term Evaluation of XI Five Year Plan, Bihar - Evaluation of the Flagship Programme of the Government of India in Bihar, focusing on schemes of Pradhan Mantri Gram Sadak Yojana (PMGSY); Total Sanitation Campaign (TSC); and Indira Awaas Yojana (IAY), Planning Commission, Ministry of Finance, Government of India, New Delhi, September, 2009-March 2010	₹ 15,00,000/-
7	“Evaluation and Impact Study of Centrally Sponsored Scheme - Intensive Dairy Development Programme”, Ministry of Agriculture, Department of Animal Husbandry, Dairying & Fisheries, Government of India, New Delhi, September 2008-October, 2009	₹ 28,00,000/-
8	“External Evaluation of Jan Shikshan Sansthan, Ludhiana, Punjab”, Directorate of Adult Education, Ministry of Education, Government of India, New Delhi, December 2008- July, 2010	₹ 30,00,000/-
9	“Baseline Survey of Some Minority Concentration Districts of India – Mamit District - Mizoram, Udham Singh Nagar District - Uttarakhand, and Leh District - Jammu and Kashmir”, Ministry of Minority Affairs, Government of India, New Delhi, August 2007-September 2010	₹ 1,15,25,500/-

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (w.e.f. 1st June 2009 to 28th February 2015).

1. Prof. Falendra Kumar Sudan (2014) Department of Economics, University of Jammu has been awarded a Ministry of Human Resource Development (MHRD) funded project under e-PG Pathshala programme of University Grants Commission (UGC) to work on the Development of course materials for Master Degree Programme in population studies with a total grant of Rs 1.12 crore for one year.

Collaborating Institutions-University of Kashmir, Punjabi University, Patiala, Guru Nanak Dev University, Amritsar, Institute for Human Development, New Delhi, Giri Institute of Development Studies, Lucknow, National Council of Applied Manpower Research, New Delhi

2. Prof. Jasbir Singh- ICSSR Funded project on Centre State Finances (Rs 10 lakhs) 2014
3. Dr Virender Kaundal - ICSSR Funded project on "Educational Status of Scheduled Caste/Tribes in Jammu and Kashmir : Attainment and Challenges" (2012-2014) - Rs 46.50 Lakhs.

4. Prof. R. L. Bhatt, Prof. Jasbir Singh, Prof. Falendra Sudan, Dr. Aroon Sharma and Dr. Shallu Sehgal jointly worked on

Mid-Term Evaluation of XI Five Year Plan, Jammu and Kashmir - Evaluation of the Flagship Programme of the Government of India in Jammu and Kashmir Planning Commission, Ministry of Finance, Government of India, New Delhi, September, 2009-March 2010	₹13,00,000/-
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20. Research facility / centre with

- a) state recognition
- b) national recognition
- c) international recognition

Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies N.A

22. Publications: (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

	<b>Papers Published</b>		<b>Books</b>	<b>Chapters in Book</b>
	National	International		
Prof. Rajinder Gupta	04	5	03 Books 1. (978-93-80640-38-9) Co- author 2. (978-93-80640-41-9) Co- author 3. (978-93-80640-46-4) Co-author	02
Prof. Jasbir Singh	02	01	02 book (Co- author) 1. 935051494X 2. 978-3-8443-9489-4	03
Prof. Dipanker Sengupta	1	1 (working paper)		05
Prof. Falendra Sudan	7	02	4 edited and 01book with ISSN	08
Prof. Prakash Antahal	02	02	—	03
Dr. Aroon Sharma	03		—	
Dr.Virender Koundal	05	10	—	03
Dr. Sunita Sharma	08		—	02
Dr. Shallu Sehgal	01	01	—	—
Miss. Tesering		01	—	—

Number of Papers presented by the faculty both at National and International Seminars/ Conferences

	Papers Presented	
	National	International
Prof. Rajinder Gupta	13	01
Prof. Jasbir Singh	28	08
Prof. Dipanker Sengupta	02	02
Prof. Falendra Sudan	22	25
Prof. Prakash Antahal	06	5
Dr. Aroon Sharma	05	
Dr. Virender Koundal	23	03
Dr. Sunita Sharma	14	03
Dr. Shallu Sehgal	02	01
Miss. Tesering	-	01

23. Details of patents and income generated : NA
24. Areas of consultancy and income generated : NA
25. Faculty selected nationally / internationally to visit other laboratories / institutions
  - b. industries in India and abroad (w e f 1<sup>st</sup> June 2009 to 28th February 2015).

#### International Visits

##### 1. Prof. Rajendra Gupta

Delivered two lectures : Role of India's Soft skill in US Economy	June 3, 2012	Resource person	International
Scope of marketing of IT professionals in USA at Silver Peak Solutions Inc. Sunnywale, USA	June 25, 2012	Resource person	International

##### 2. Prof. Jasbir Singh

- Attended 4th Regulating for Decent Work (RDW) International Conference on Developing and Implementing Policies for a Better Future at Work at International Labour Office Headquarters in Geneva, Switzerland on 8-10 July, 2015.
- Presented paper on "Economics of Portraying Women in Media in India: Reinforcing Stereotype Role of Women in Advertisement" 1st Annual World Conference on Women Studies 2015 on Elimination of Discrimination Based on Gender organized

by the International Institute of Knowledge Management in collaboration with the University of Buffalo, USA at Colombo, Sri Lanka on 24-25 March, 2015.

- Presented paper on "Reflections on the Economic Status of Dogra Women through a Study of Padma Sachdeva's Drop in the Ocean: An Autobiography" in International Symposium on Writing Women's Lives: Auto/Biography, Life Narratives, Myths and Historiography organized by The Women's Library and Information Centre Foundation (WLICF) and The Yeditepe University at Yeditepe University, Istanbul, Turkey on 19-20 April , 2014

### **3. Prof. Dipankar Sen Gupta**

- "Integrating India with the ASEAN: Problems and Prospects with Debashis Chakraborty in National Cheng Chi University, Taipei, Taiwan.
- "Markets, Institutions and Regulatory Regimes for a Market for Water in Rural North West India " with Vinod Sharma at Geological Society London

### **4. Prof. Falendra Kumar Sudan**

- "Chinese Investment and Trade in Africa: Drivers, Performance and Policy Implications" in the 26th CEA (UK) and 7th CEA (Europe) Annual Conference China's "New Normal" Economy: Opportunities and Challenges during 4-5 September 2015 at University of Nottingham, United Kingdom.
- "Groundwater institutions and governance in China and India in comparative perspective: Experiences and lessons learnt" in the International Water Research Association (IWRA) XVth World Water Congress held during 25-29 May 2015 at Edinburgh, Scotland, United Kingdom.
- "Hydro-Power Tariff in Jammu & Kashmir and Other States of India and Bhutan: A Comparative Assessment and Policy Implications" in the International Conference and Utility Exhibition on Green Energy for Sustainable Development during March 19-21, 2014 organized by School of Environment, Resources and Development, Asian Institute of Technology, Thailand.
- "Addressing Climate Change and Energy Security through Energy Cooperation: Challenges and Opportunities in South Asia" in the International Conference on Energy & Infrastructure Management: Prospects & Challenges during January 11-12, 2014 at School of Petroleum Management, PanditDeendayal Petroleum University, Gandhinagar, Gujarat.
- "Tapping Hydropower Potential in Jammu & Kashmir: Lessons from Bhutan and Policy Options" in the International Conference on Emerging Trends in Renewable Energy - 2013 during December 27-28, 2013 at Department of Mechanical Engineering, C.V. Raman College of Engineering, Bhubaneswar.

- "Groundwater Governance and Managed Aquifer Recharge: Experiences and Lessons Learnt from Case Studies in North India" in the International Conference on "Advances in Water Resources Development and Management (AWRDM-2013)", during 23 - 27 October, 2013 at the Centre of Advanced Study, Department of Geology, Panjab University, Chandigarh and jointly organized by the National Institute of Hydrology, Roorkee, Uttarakhand.
- "Child Trafficking in Post-Conflict Situations: Evidence and Lessons Learnt from Displaced Camps in Jammu and Kashmir, India" in forthcoming XXVII IUSSP International Population Conference during 26-31 August, 2013 at Busan, Korea.
- "Community Managed Aquifer Recharge Under Integrated Watershed Development Project (Hills-II): Experiences and Lessons Learnt from Jammu and Kashmir, India" in the Conference on 'Regulatory Issues in Managing Aquifer Recharge', during 6th to 7th June 2013 organized by Centre for Comparative Water Policies and Laws, University of South Australia, Adelaide.
- "Highly Skilled Migration and Role of Diaspora Networks in India: Opportunities and Challenges" in the International Conference on "India and its Diasporas: A Comparative Perspective" held during 29-30 March 2013 at Jawaharlal Nehru University, New Delhi.
- "Environmental Stress, Security and Sustainability: Evidence from Literature and Implications for Developing Countries" in the International Conference on Environmental Issues and Sustainable Development at Department of Geography, University of Jammu, Jammu, India during 1-2 March, 2013.
- "Water Resource Management in North India: Experiences and Lessons Learnt from Case Studies" for the Seminar Presentation at UniSA Centre for Comparative Water Policies and Laws, on 25th June, 2012, University of South Australia, Adelaide, South Australia.
- "Water Pricing and Participatory Irrigation Management: Experiences and Lessons Learnt from Integrated Watershed Development Project in Jammu and Kashmir, India" in "The Irrigation Australia 2012 Conference & ICID 7th Asian Regional Conference", during 24 - 29 June, 2012 at Adelaide Convention Centre, Adelaide, South Australia.
- "Mitigating Climate Change and Small Farmers' Vulnerability through Artificial Glacier Technology: Experiences from Cold Desert of Leh in North-West Himalaya, India" in the UNESCO Chair in Technologies for Development, the 2012 International Conference on Technologies for Sustainable Development: A Way to Reduce Poverty? during 29-31 May, 2012 at the Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland.

- "Smart Water Solutions, Human Development and Sustainability", A Radio Interview on Newtalk 106-108 Radio, on 18th May, 2012, Dublin, Ireland.
- "Case Studies on Groundwater Management, Exploitation, Pollution, Climate Change and Depletion and Recharge from North India" in the International Water Association (IWA) World Congress on Water, Climate and Energy 2012 during 13-18 May, 2012 at Dublin Convention Centre, Dublin, Ireland.
- "Current State of Energy and Exploitable Potential in South Asia" in the Consultative Workshop on "Energy Cooperation and Climate Change in South Asia: Initiatives for Regional Integration, organized by SAARC Chamber of Commerce and Industry on 30 March 2012 at Kathmandu, Nepal
- "Linking Environment, Conflict and Security: Emerging Scenarios and Implications for Sustainability in Developing Countries" in the Globelics Conference, 2011, November 14-17, 2011 at Buenos Aires, Argentina organized by Universidad Nacional de General Sarmiento, Universidad Nacional de Quilmes, Universidad Nacional de San Martin, and Comision de Investigaciones Cientificas, Argentina.
- "Tapping Talents in India through Diasporas Network: Opportunities and Challenges" in the International Conference on Diaspora and Development: Prospects and Implications for Nation States, 7-8 September, 2011 at Indira Gandhi National Open University, New Delhi.
- "Tapping Talents in India through Diasporas Network: Opportunities and Challenges" in the Seminar on Tapping the Transnational Brains: Skilled Mobilities and Development during 16-17 December, 2010 at Department of Geosciences and Human Development, University of Utrecht, Utrecht, Netherlands.
- "Institutional Aspects of Groundwater Governance in North Indian States" in the Summer Symposium on Sustainable System (4S) 2010 during 15-17 June, 2010 at Aalto University, School of Science and Engineering, Finland.
- "Impact of Economic Slowdown on Rural Children: Evidence and Lessons from North-East India" in the International Conference on Economic Stress, Human Capital, and Families in Asia: Research and Policy Challenges during 3-4 June, 2010 at Asia Research Institute, National University of Singapore, Singapore.
- "Participatory Watershed Development in Jammu & Kashmir, India: Experiences and Lessons Learnt from Conflict-Affected Environment" in the Centre for Stabilization and Reconstruction Studies (CSRS) Workshop on "Agriculture: Promoting Livelihoods in Conflict-Affected Environments" during 22-25 March, 2010 at CSRS, National Security Affairs, U.S. Naval Postgraduate School, Monterey, USA.
- "Social and Economic Costs of Armed Conflicts on Children: Evidence from Displaced Camps in Jammu and Kashmir, India" in the International Research



Workshop of the Households in Conflict Network (HiCN), UK and the German Institute for Economic Research (DIW Berlin) during 1-2 February 2010 at DIW Berlin, Berlin, Germany.

- "Impact of Global Economic Crisis on African Countries: Policy Responses and Options" in the International Conference on "Rethinking African Economic Policy in Light of the Global Economic and Financial Crisis" during 6-8 December, 2009 at AERC, Nairobi, Kenya.
- "Demobilization and Reintegration of Conflict Affected Population through Micro Enterprise Development in Jammu and Kashmir, India: Experiences and Lessons Learnt" in the UNU-WIDER Project Workshop on Entrepreneurship and Conflict during 20-21 March, 2009.at INCORE, University of Ulster, Londonderry, Northern Ireland, UK.
- "Livelihood Diversification and Women Empowerment through Self Help Micro Credit Programme: Evidence from Jammu and Kashmir, India" in the 16th World Congress of The International Union of Anthropological and Ethnological Sciences (IUAES) on "Humanity, Development and Cultural Diversity" during 26-31 July, 2009 at Kunming, China.

## National Visits

### Prof. Rajendra Gupta

S. No.	Title of Lecture/ Academic Session	Duration	Delivered Lectures/Resource Person ,invited as an expert	Whether International/ national
1.	CBSE Workshops in 2014	October 2014	One week	Participated as Subject Expert/Resource Person
2.	CBSE Workshops in 2015	May 2015	One week	Participated as Subject Expert/Resource Person
3.	Delivered Two lectures in UGC Sponsored Orientation course organised by ASC, Bhagat Phool Singh University, Sonapat on June 12 2014	June 12, 2014	Invited to deliver lectures	National
4.	Delivered one lecture in UGC sponsored Refresher Course organized by Panjab University Chandigarh and one Valedictory Lecture	March 13, 2014	Invited as Resource Person	National

5.	Delivered two Lectures on “Economics of Infotainment: Learning through Modern Technology” at Roving Rock Pvt. Ltd, Singapore.	June 20, 2013	Invited as Resource Person	International
6.	Invited in the UGC Workshop in the subject of Economics at UGC Office, South campus, University of Delhi, Delhi	May 20-25, 2013 (One week Workshop)	Expert/Resource person	National
7.	Delivered Two Lectures:	January 9, 2013	Invited as Resource Person	International
a)	Marketing Strategies for adopting fundamental on changes in the dynamics of child education in Digital world			
b)	Marketing Strategies for educating kids online at Roving Rock Pvt Ltd, Singapore	January 10, 2013	Invited as Resource Person	International
8.	Invited in the UGC Workshop in the subject of Economics at UGC Office, South campus, University of Delhi, Delhi	September 24-29, 2012 (One week Workshop)	Expert/Resource person	National
9	Invited in the UGC Workshop in the subject of Economics at UGC Office, South campus, University of Delhi, Delhi	March 26-31, 2012 (One week Workshop )	Expert/Resource person	National
10.	Invited in the UGC Workshop in the subject of Economics at UGC Office South campus, University of Delhi, Delhi	February 27 to March 2, 2012 (One week Workshop)	Expert/Resource person	National
11.	Delivered Two Lectures on “Impact of WTO in Indian Economy” at Department of Economics of Jiwaji University, Gwalior	December 26, 2011	Invited as Resource Person	National
12.	Delivered Two lectures In UGC sponsored Refresher Course at Department of Economics, H.P. University, Shimla	December 10, 2011	Invited as Resource Person	National
13.	Invited in the UGC Workshop in the subject of Economics at UGC Office, University of Pune, Pune	April 11-16, 2011 (One week Workshop)	Expert/Resource person	National

14.	Delivered Two Extension lectures at Govt. Degree College, Samba (J & K )	March 08, 2011	Invited as Resource Person	National
15.	Delivered one lecture at UGC sponsored Orientation course organized by Department of Education, University of Jammu	March 7, 2011	Invited as Resource Person	National
16.	Delivered Two Extension lectures At Govt. Degree College, Samba (J & K )	December 14, 2010	Invited as Resource Person	National
17.	Delivered one lecture in UGC sponsored Refresher Course organized by Department of Library & Information Science, University of Jammu	December 13, 2010	Invited as Resource Person	National
18.	Invited in the UGC Workshop in the subject of Economics at UGC Office, South campus, University of Delhi, Delhi	September 20-24, 2010 (One week workshop )	Expert/Resource person	National
19.	Delivered Two Extension lectures at Govt. Degree College, Samba (J & K )	September 14, 2010	Invited as Resource Person	National
20	Invited in the UGC Workshop in the subject of Economics at UGC Office, University of Pune, Pune	March 08-12, 2010 (One week Workshop)	Expert/Resource person	National
21.	Delivered <b>Two</b> Lectures on “Role of Advertisement in Marketing” at Department of Economics, Jiwaji University, Gwalior	February 19, 2010	Invited as Resource person	National

### **Prof. Jasbir Singh**

- Presented paper on “Indo-Pak Talks to Resolve Contentious Issues: IWT- Shifting Fringes to Core” in National Conference on Indo-Pak Relations : Peace and Development in South west Asia organized by Centre for South West Asia Study (Pakistan -Afghanistan) at Punjabi University, Patiala, Punjab on 13-14 March, 2015.
- Presented paper on “Changing Trends of Indo-Pak Trade: Need for Mutual Interdependence for Peace Building” in National Conference on Indo-Pak Relations : Peace and Development in South west Asia organized by Centre for South West Asia Study (Pakistan-Afghanistan) at Punjabi University, Patiala, Punjab on 13-14 March, 2015.

- Presented paper on “ Informal Sector : A Restriction and Livelihood for Slum Dwellers of Jammu City” in 56th Annual Conference of the Indian Society of Labour Economic organized by Birla Institute of Technology, Ranchi, Jharkhand on 18-20 December, 2014.
- Presented paper on “Black Money and Economic Growth in India : A Paradox” in National Seminar on Problem of Black Money in India organized by Mahatma Gandhi Kashi Vidyapith , Varanasi , U P on 25-26 November, 2014.
- Presented paper on “Gender, Violence and Conflict Resolution in India: Case of Kashmiri Women to Integrate Suffering Families and State” in 18th Annual Conference of the Indian Political Economy Association organized by Giri Institute of Development Studies, Lucknow, U P on 15-16 November, 2014.
- Presented paper on “Dislocation and Re-building Communities in the Wake of Conflict in Kashmir: Women, Violence and Peace” in the Women’s World Congress on Gender in a Changing World organised in the University of Hyderabad on 17-22, August, 2014
- Presented paper on “Empowerment of Women in India: A Diagnostic Study” in National Seminar on Challenges of Women Empowerment in India organised in Mahatma Gandhi Kashi Vidyapith, Varanasi and sponsored by ICSSR, New Delhi on 23-24 July, 2014.
- Presented paper on “ Food Security in India: A Case of Public Distribution System” in National Seminar on Problem of Food Security in India organized by Mahatma Gandhi Kashi Vidyapith , Varanasi , U P on 25-26 April, 2014.
- Presented paper as Key Paper on “Foreign Direct Investment in Retail in India: An Attempt to Covert Myth to Reality”, in ICSSR sponsored National Seminar on Foreign Direct Investment: Trends, Opportunities and Challenges organized in Himachal Pradesh University, Shimla on 28 -29 March, 2014.
- Presented paper on “Social Exclusion of Women on Margins : A Study of Slums in Jammu District” in National Seminar on Concept of Social Exclusion and Inclusion in Indian History organized by Centre for the Study of Social Exclusion and Inclusive Policy, University of Jammu, Jammu on 26 - 28 March, 2014.
- Presented paper on “Level of Women Empowerment and Inclusive Growth : A Study of Employment Market in India” in Regional Seminar on Inclusive Growth and Women Empowerment organized by Punjab School of Economics, Guru Nanak Dev University, Amritsar on February 28th –March 1st, 2014.
- Presented paper on “Regional Disparities in Economic and Human Development: A Study of Uttar Pradesh” in National Seminar on Problem of Regional Disparity in India (With Special Reference to Uttar Pradesh) organized by Mahatma Gandhi Kashi Vidyapeeth, Varanasi, Uttar Pradesh on November 30th –December 1st 2013.
- Presented paper on “Women’s Participation in the Economic Development: A Step

Towards Inclusive Growth” in 5th International Conference on Women and Development organized by Women’s Study Centre, Punjabi University , Patiala on 22-23 November, 2013.

- Presented paper on “Positioning of Women in Human Development : Evidence from South Asia” in International Conference on Socio-Economic Changes in South Asia organized by Centre for South West Asia Study (Pakistan & Afghanistan), Punjabi University, Patiala on 25-26 September, 2013.
- Presented paper on “Critical Reflection Upon Economic Developments Formative of Contemporary Buddhism in 13th Annual Conference of Indian Society of Buddhist Studies organized in collaboration with Rashtriya Sanskrit Sansthan (Deemed University), Agartala on 9-11 August, 2013.
- Presented a paper on “Imprints of Kashmir Conflict and Suffering among Non-Kashmiri Population” in National Seminar on Ordinary Lives in a Conflict Zone: Voices from Kashmir held at Indian Institute of Advanced Study, Shimla on 3-4 June , 2013.
- Presented paper “Globalization and Investment in Emerging Economies: Opportunities for India and Canada in 26th IACS International Conference on Canadian Studies on Global Challenges: Canada and India organized by Department of English Saurashtra University, Rajkot on 20-22 January, 2013.
- Attended Delhi Economics Conclave on Reviving Growth organized by the Ministry of Finance, Government of India and the National Institute of Public Finance and Policy, New Delhi on 14-15 December, 2012 at New Delhi.
- Presented paper “Promoting Buddhist Tourism in Jammu and Kashmir can Boost the Development of State’s Economy” in 12th Annual Conference of Indian Society for Buddhist Studies at Doon University, Dehradun from 2-4 November, 2012.
- Presented paper “Land Utilization Pattern and Agriculture Diversification : Impact Analysis on the Economy of J&K” in National Seminar on Agricultural Performance and Rural Development in India organized by the Department of Economics, Punjabi University, Patiala on 19-20 March, 2012. Also chaired a session in the Seminar.
- Presented paper “Trends and Patterns of Migration and Its Impact on Population : An Overview” in National Seminar on Living and Working Condition of Migrant Labour in J&K organized by Government M.A.M College, Jammu in collaboration with ICSSR, North –West Regional Centre, Chandigarh(MHRD) on 26 February, 2012.
- Presented paper “Economic Disparity and Marginalization of Women Employment: A Case of Unpaid Women’s Work in India” in International Conference on Diversity and Multiculturalism and Its Discontent: Canada and India organized by Jai Narain Vyas University, Jodhpur and Indian Association for Canadian Studies from 29-31 January, 2012. Also chaired a session in the Conference.

- Attended Delhi Economics Conclave on Economic Policies for Emerging Economies organized by the Ministry of Finance, Government of India and the National Institute of Public Finance and Policy, New Delhi on 14 December, 2011 at New Delhi.
- Presented paper “Exclusion of Women in Decision Making Weakens Mainstreaming the Gender Equality: An Indian Experience” in an International Conference on “Mainstreaming Gender: Issues and Challenges” organized by the Women’s Studies Centre, Punjabi University Patiala on 25-26, November 2011.
- Presented paper “Role of Women and Food Security in India: An Ignored Element of the Solution” in the National Conference on Challenges Before the Indian Economy – A Search for Alternatives organized by Himachal Pradesh University in collaboration with Indian Economic Association on 9-10 November, 2011.
- Presented paper “Economic Choices and Happiness in Buddhist Theory and Practice: Some Evidences” in 11th Annual Conference of the Indian Society for Buddhist Studies in Gangtok, Sikkim on 16-18 September, 2011.
- Presented paper “Changes in the Pattern of Employment in India: A Review from Women’s Perspective” in the National Seminar on “Economic Growth in India and Problems of Inclusiveness” organized by Mahatma Gandhi Kashi Vidyapith, Varanasi in collaboration with Ministry of Higher Education , Uttar Pradesh on 20-21 February, 2011. Also co-chaired a session.
- Presented paper “Gender Discrimination and Inclusive Growth” in XIIIth National Conference of the Indian Association of Women Studies on Resisting Marginalisations, Challenging Hegemonies : Re-visioning Gender Politics held in Mahatma Gandhi Antarrashitriya Hindi Viswavidyalaya, Warda, Maharashtra from 21-24 January, 2011.
- Attended 93rd Conference of the Indian Economic Association held in Panjab University, Chandigarh from 27-29 December, 2010.
- Presented paper “Gender Discrimination in Labour Market in India : A Review” in 52nd Conference of Indian Society of Labour Economics held in Karnataka University , Dharward from 17-19 December, 2010.
- Presented paper “Role of Education in Empowering Women—some evidence from northern states of India” in International Conference on Gender and Development in the World of Work organised by Women Work and Health Initiative at Bundelkhand University, Jhansi from 25-27 March, 2010.

**Prof. Dipankar Sen Gupta**

- Visited University of Gwalior to present a paper.

**Prof. Falendra Kumar Sudan**

- Social Inclusion of Buddhist Minority of Leh, Jammu & Kashmir through Multi-Sectoral Development Programme: Evidence and Lessons Learnt”, in National Seminar on Minorities and Law in India: Issues and Challenges on 22nd March 2015, at RGNUL, Patiala, Punjab.
- Water Conflict and Cooperation between India and Pakistan: Opportunities and Challenges” in National Conference on "Indo-Pak Relations : Peace and Development in South West Asia" during 13-14 March, 2015 at Centre for South West Asia Study (Pakistan and Afghanistan), Punjabi University Patiala, Punjab.
- “Women Entrepreneurship Through Self Help Credit Programme: Evidence from Jammu and Kashmir” in the Eleventh Biennial Conference on Entrepreneurship during February 18-20, 2015 at EDI, Ahmedabad.
- “Livelihood Diversification and women Empowerment: Evidence from Jammu and Kashmir” in the National Conference on Managing Unorganised Sector in India, Department of Humanities and Social Sciences, Motilal Nehru National Institutes of Technology, Allahabad during 19-20 December, 2014.
- “Agricultural Trade and Food Security: Opportunities and Challenges for India” in 97th Annual Conference of the Indian Economic Association, Mohanlal Sukhadia University, Udaipur during December 27-29, 2014.
- “Comparative Trade Performance in China and India: Strengths and Challenges” in the 7th All India Conference of China Studies (AICCS) organized by the Institute of Chinese Studies, Delhi & Department of History, Banaras Hindu University, Varanasi, Uttar Pradesh during 14-16 November 2014.
- “Sustaining Cooperative Credit for Rural Livelihood Diversification: Performance Indicators and Development Strategy” presented in the ‘NABARD Seminar on “Land Question – Agricultural Credit, Technology and Marketing Reforms for Inclusive Growth in Jammu and Kashmir’ held on 05 December, 2013 at NABARD, Jammu, Jammu and Kashmir.
- “Energy Status and Exploitable Potential in India: Problems, Barriers and Policy Options” delivered at Winter School, Academic Staff College, Punjabi University, Patiala, Punjab on 13 December, 2013.
- “Climate change vulnerability and rural livelihoods: Evidence, coping mechanisms and lessons learnt from cold desert of Leh in north-west Himalaya” in the 21st Annual Conference on ‘Sustainable Agricultural Growth for Improving Rural Livelihood Security’ during 10-12 September, 2013 at the Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir, Srinagar (J&K).
- “Water Resource Management in North India” delivered at Orientation Course, Academic Staff College, Punjabi University, Patiala, and Punjab on 17 May, 2013.

- “Hydro-Power Development in North India” delivered at Orientation Course, Academic Staff College, Punjabi University, Patiala, and Punjab on 17 May, 2013.
- “Impact of Multi-Sectoral Development Programme on Social Sector: Evidence and Lessons from Minority Concentration District of Leh, Jammu & Kashmir” in the National Conference on “Social Sector in India: Issues and Challenges” during 29-30 March, 2013 at Utkal University, Odisha.
- “Social Exclusion and Development Aspirations of Tribal Community of Leh in Jammu and Kashmir: Evidence and Lessons” in the UGC National Seminar on “Economic Reforms and Social Sector Development: Agenda for Inclusive Growth” under UGC-SAP during 15-16 March, 2013 at GNDU, Amritsar.
- “Tackling Social Exclusion through Multi-Sectoral Development Programme(MsDP): Evidence from Minority Concentration District (MCD) of Leh, Jammu & Kashmir” in the National Seminar on “Strategies for Inclusive Growth in India” during 22-23 February, 2013 under UGC-SAP at Devi Ahilya University, Indore.
- “Sustaining Cooperative Credit for Rural Livelihood Diversification: Performance Indicators and Development Strategy” in the ‘National Seminar on Emerging Challenges for Short-term Cooperative Structure’ during 04-05 February, 2013 at Bankers Institute of Rural Development, Mangalore.
- “Harnessing Demographic Dividend of Youth through Vocational Education in Jammu and Kashmir: Evidence and Policy Implications” in the Annual Conference of Indian Economics Association during 27-29, December, 2012 at GITAM University, Visakhapatnam.
- “Gendered Transition to Labour Market and Role of Small and Micro Enterprises in Jammu and Kashmir” in the 54th Annual ISLE Conference during 20-22, December, 2012 at Banaras Hindu University (BHU), Varanasi.
- “Economic Crisis and Rural Women and Children in North-East India: A Study of Impact, Coping Strategies and Ongoing Responses” in the National Seminar organized by the A.K. Dasgupta Centre for Planning and Development, Visva-Bharati, Santiniketan on 23 November, 2012.
- “Impact of Agrarian Crisis on Rural Communities in North-East India: Evidence and Lessons Learnt” in the National Seminar on “Agrarian Crisis in India: The Way Out” during 05-07 November, 2012 at NIRD, Hyderabad.
- "Hydro-Power Development in North India: A Scenario Analysis" in the UGC National Seminar on "Issues facing the Regional Economy of India: Perspectives and Challenges" during September 21-22, 2012 at GNDU, Amritsar.
- Three lectures on “Environmental Economics: Basics”, “Using Data and Research”, and “Using Indicators for Research” as Resource Person on 26-27 March 2012 at the



Orientation Programme organized by the UGC Academic Staff College, Aligarh Muslim, Aligarh.

- “Social and Economic Implications of Armed Conflicts on Displaced Migrant Children: A Case Study of Purkhoo Camp in Jammu City”, National Seminar on Internal Migration and Emergent Social Formations during 22-23 November, 2011 at Department of Sociology, University of Jammu in collaboration with Indian Association of Social Science Institutions, New Delhi.
- “Impact of Self Help Credit Programme on Livelihood Diversification and Women Empowerment: Evidence from Jammu and Kashmir”, 2nd National Seminar on Micro Finance during 20-21, January, 2011 at Bankers Institute of Rural Development (BIRD), Lucknow.
- “Jammu and Kashmir and its Water Potential: Water, a Resource of Discard or Engagement”, at Inter-Regional Dialogue Conference at Gulmarg, 8-10 July, 2011 organized by Centre for Dialogue and Reconciliation, New Delhi.
- “Displacement and Children’s Participation: Experiences from Non-Kashmiri Camps and Lessons Learnt” in the National Workshop on Child Participation: Achievements and Challenges, during 8-9 December, 2010 at Committed Communities Development Trust (CCDT), Mumbai.

## **5. Prof. Parkash Anthal**

- Attended an International Conference on Contemporary Issues in Business, Management & Finance (CIBMF-II) at University of Kashmir during Sept. 28-29, 2013 and presented a paper entitled Private Financing of Road Infrastructure Projects through Public- Private Partnership: Some Perspectives on Indian Experience during the Post- Liberalization Period.
- Attended an International Conference Public Policy and Governance 2012, at Indian Institute of Science, Bangalore during Sept. 4-6, 2012 and presented a paper entitled “Decarbonizing Energy Generation, Improving Energy Efficiency and Energy Conservation for Sustainable Development and Long-Term Energy Security of India: Some Reflections on Energy-Capital and Energy Technology Diffusion”
- Attended the international conference on “Global Cultural Routes: Tourism and Socio-Economic Viability” organized by the Centre for Studies in Museology, University of Jammu during March 1-3, 2012 and presented a paper entitled “Socio-Economic and Cultural Significance of Cultural Routes: Some Perspectives on Silk Route”
- Attended an International Conference on Environmental Issues and Sustainable Development, organized by the Department of Geography, University of Jammu during March 1-2 and presented a paper entitled “Involvement of Children in Firewood Collection and their Educational Outcomes: Some Empirical Evidence from Fuelwood Deficient and Spatially Disadvantaged Watersheds in J&K”

- Attended an international conference on Global Peace & Harmony through Holistic Approach of Yoga and Meditation organized by The Yoga Centre, University of Jammu during Feb.21-23, 2013 and presented a paper on “Building Culture of Peace Through Spiritual Tourism”
- Attended the Regional Consultations on the Approach to 12th Five-Year Plan (2012-2017) organized by the Planning Commission, New Delhi on May 24,2011 and presented a paper on “Filling Infrastructure Gap to Ensure Inclusive Industrial Development in J&K”
- Attended a two-day National Seminar on Emerging Issues and Challenges for Indian Economy during Nov.23-24,2013 at DDU Gorakhpur University, and presented a paper entitled “ Fuelwood Scarcity, Poverty and Women: Some Perspectives”.
- Attended a six-day workshop organized by the National Translation Mission, MHRD at Govt. Degree College Udhampur and presented a paper entitled “Translating Economics Textbooks in to Local Vernacular : Importance and Challenges”
- Attended a two- day National Seminar at Punjabi University Patiala, during March19-20, 2012 and presented a paper entitled “ Wage Employment & Income Generation under Rural Development Programmes: Some Lessons from Implementation of SGRY in J&K”.
- Attended 93rd Annual Conference of the Indian Economic Association at Panjab University Chandigarh, during Dec.27-29, 2010 and presented a paper entitled “ Non-Farm Wage Employment Generation under Rural Development Programmes in J&K-A Study of SGRY”
- Attended a National Seminar at GNDU, Amritsar during March19-20,2010 & Presented a paper titled “Wage Employment & Income Generation under Rural Development Programmes in J&K: Some Perspectives

#### **6. Dr. Aroon Sharma**

- National Conference on Indo-Pak Relations: Peace and Development in South West Asia; 13-14 March, 2015 Centre for south West Asia Study(Pakistan-Afghanistan)Punjabi University, Patiala Chakkan da bagh-Rawalakot,LOC Trade
- National Conference on Indo-Pak Relations: Peace and Development in South West Asia; 13-14 March, 2015 Centre for south West Asia Study(Pakistan-Afghanistan)Punjabi University, Patiala I ndo-Pak talks to resolve Contentious Issues:IWT-Shifting Fringes to Core
- Regional Seminar on inclusive Growth and Women Empowerment 28th,feb-1march201 G.N.D.U,Amritsar Level of Women Empowerment and inclusive growth: A Study Of Employment Market in India

## **7. Dr. Virendra Koundal**

- Two day National Seminar sponsored by ICSSR on Development of Special Category States: Problems and Prospects' organized by department of Economics, University of Jammu on March 30-31, 2009, here a paper presented titled "Socio-Economic Conditions of Gujjars in Kangra District (H.P)".
- 5th JK science congress, organized by University of Jammu on 8-10 Feb, 2010, presented a paper entitled "Nomadic Gujjars of J&K: The Struggle for Survival".
- 52nd Annual Conference of the Indian Society of Labour Economic, Department of Economics, Karnatak University, Dharwad, Dec. 17-19, 2010, presented first paper entitled "Nomadic Gujjars of Jammu and Kashmir-Causes and Consequences of their Migration".
- 52nd Annual Conference of the Indian Society of Labour Economic, Department of Economics, Karnatak University, Dharwad, Dec. 17-19, 2010, presented second paper entitled and "Child Labour in Unorganized Sector: A Case Study of Jammu City".
- National Seminar on Internal Migration and Emergent Social Formations organized by Deptt. of Sociology, University of Jammu in collaboration with Indian Association of Science Institutions, 23rd-24th November, 2011, presented a paper entitled "Socio-Economic Conditions of Nomadic Gujjars of District Udhampur (J&K) and Kangra (H.P)".
- 53rd Annual Conference of the Indian Society of Labour Economic, Deptt. Of Economics, Mohanlal Sukhadia University, Udaipur, Rajasthan, 17-19 Dec. 2011, presented first papers entitled "Socio-Economic Conditions of Nomadic Gujjar women in Udhampur district of Jammu and Kashmir".
- 53rd Annual Conference of the Indian Society of Labour Economic, Deptt. Of Economics, Mohanlal Sukhadia University, Udaipur, Rajasthan, 17-19 Dec. 2011, presented second paper entitled "Women in the Non Farm Sector: An Empirical Study".
- International seminar on poverty and humanitarianism: Challenges and Solution organized by the department of sociology, Mahatma Gandhi Kashi Vidyapith, held on Feb. 11-12, 2012. Here I have presented a paper entitled "Measure of Income and Expenditure as Criteria of Poverty among Nomadic Gujjars of District Udhampur and Kangra".
- UGC sponsored International Conference on Global Warming: the biggest challenge of 21st century" organized by Govt. Degree College (boys) Udhampur, J&K on 24-26 Februry, 2012 presented a paper entitled "Impact of Environment on Nomadic Gujjars of Jammu and Kashmir".
- UGC sponsored National seminar on Regional planning and resource Management: An Environmental Perspective is organized by the department of Geography, Osmania University on 2 & 3 March 2012 presented Two papers entitled "Nomadic Gujjar Women, Environment and Sustainable Development"

- UGC sponsored National seminar on Regional planning and resource Management: An Environmental Perspective is organized by the department of Geography, Osmania University on 2 & 3 March 2012 presented first paper entitled “Nomadic Gujjars and Development”.
- UGC sponsored National seminar on Regional planning and resource Management: An Environmental Perspective is organized by the department of Geography, Osmania University on 2 & 3 March 2012 presented second papers entitled “Nomadic Gujjar women, Environment and Sustainable Development”.
- Centre for Advanced Study, Department of Political Science, Osmania University, Hyderabad organized a workshop on State and State of Minorities on 5th March, 2012. Here I have presented a paper entitled “Nomadic Muslim Gujjars of Jammu and Kashmir- The Struggle for Survival”.
- National Seminar under CAS (UGC) on Agricultural Performance and Rural Development in India organized by department of economics, Punjabi university, Patiala on 19-20 march, 2012 presented a paper entitled “Animal Husbandry and Economic Status of Nomadic Gujjars of J&K and H.P”.
- ICSSR sponsored one day national seminar on “socio-cultural prospects and challenges of tribal communities of north western India” organized by Government College for Women Gandhi Nagar, Jammu on 24th of March 2012 presented a paper on the topic of “Social Economic Conditions of Nomadic Gujjars of J&K and H.P”.
- One day national seminar on Gandhian ideology in the Contemporary World: A Modern Perspective Organized by Government Maulana Azad Memorial College, Jammu on 25th of March, 2012 presented a research paper entitled “Gandhian Socio-Economic thoughts and Economic Development”.
- Two days UGC sponsored National Seminar on Issues facing the Regional Economy in India: Perspective and Challenges organized by Punjab School of Economics, Guru Nanak Dev University, Amritsar on September 21-22, 2012, here I have presented a paper entitled “ An Economic Analysis of Gujjars Livestock Economy: A Case study of Udhampur (J&K) and Kangra (H.P).
- Two days International Seminar on Poverty in Developing Countries: Challenges and Policy Options (October 19-20.2012), organized by the department of Economics, Kurukshetra University, Kurukshetra in collaboration with George Washington Iniversity U.S.A, Here I have presented a paper entitled “ Poverty and Nomadic Gujjars- An Economic Analysis.
- 54rd Annual Conference of the Indian Society of Labour Economic, Deptt. Of Economics, Banaras Hindu University, Varanasi, 20-22 Dec. 2012, presented second paper entitled “ Impact of MGNREGA on Scheduled Castes Employment Generation: A case Study Of J&K”.

- Two days ICSSR, New Delhi sponsored national seminar on Challenges of Naxalism in India organized by Department of Economics, Mahatma Gandhi Kashi Vidyapith, Varanasi on October 19-20, 2013 presented a paper entitled “Naxalism and its Impact on Indian Economy”.
- 55th ISLE conference organized by Jawaharlal Nehru University, New Delhi on 16-18 Dec, 2013 and presented a paper entitled “Inclusion of the Excludes in Development: A case study of the Gujjars in J&K and H.P”

#### **4. Dr. Shallu Sehgal**

- Sharma, Suparn and Shallu (2009), “Measurement of Total Factor Productivity of Punjab Food and Beverage Industry”, National conference on Growth of Indian Industrial Sector-A Roadmap for Success at SMVD University, Katra.

#### **26. Faculty serving in**

- a) National committees
- b) International committees
- c) Editorial Boards
- d) any other (please specify)

##### **1. Prof. Rajendra Gupta**

1. Acted as a member of the Advisory Committee of Journal entitled ‘The Economic Challenger’ a quarterly journal of Economics, Commerce and Management. (ISSN: 0975-1351) Life member of IEA, Indian Society of Labour Economic and IIPA.
2. Member, Research Degree Committee of Economics of Ch. Charan Singh University, Meerut in March 2009 (for three years)
3. Member of BOS in Jiwaji University, Gwalior ,2010 ( for three years)
4. Performed the duty of Observer in the UGC NET Examination at Srinagar; Jamia Milia University, Delhi.; Kurukshetra University, Kurukshetra; Panjabi University, Patiala; GNDU, Amritsar; Karorimal College, Delhi ,etc.
5. Participated as an expert in the UGC different Expert Committees, Confidential workshops of UGC NET /JRF, Delhi, Madhya Pradesh Public Service Commission, Bhopal, etc.

##### **2. Prof. Jasbir Singh**

- Vice-President, The Indian Society of Agricultural Economics, Mumbai in 2010-2012.
- Joint Secretary, The Indian Econometrics Society, New Delhi in 2010-11.
- Member of the Executive Committee, The Indian Society of Labour Economics,

New Delhi in 2009-11.

- Member/subject expert in the Board of Studies in Economics in the Central University of Himachal Pradesh for three years from 2012.
- Member/subject expert in the Board of Studies in Economics in the Gurukul Kangri Vishwavidyalaya, Haridwar for three years from 2009-2012.
- Member/subject expert on the Board to conduct Viva –Voce of B A III in Examination in Economics in the University of Allahabad, Allahabad for three years from 2009-2012.
- Member Technical Advisory Committee for Evaluation Studies, Government of Jammu and Kashmir, Planning & Development Department , Jammu.
- Member INTAC chapter Jammu
- Subject expert in the selection committees of different Universities.
- Nominated as member of the Management Committee of N G M College of Education, Jammu for the years 2014-15 to 2016-17.(Vide notification CDC/2014/1654-1725 dated 18-12-2014).
- Nominated as member Advisory Committee of the North West Regional Centre, Indian Council of Social Science Research (ICSSR), Chandigarh for the year 2014-15 and 2015-16.
- Appointed as External Subject Expert of Economics for three years w.e.f. 12.4.2014 in Mohan Lal Sukhadia University, Udaipur, Rajasthan.
- Appointed as Referee for Diviner – A Research Journal of Humanities and Social Sciences.
- Nominated as an expert on the proposed Committee for Revival of Cooperatives Movement in the State.
- Nominated as member of State Level Technical Advisory Committee for Evaluation Studies, Government of Jammu and Kashmir, Planning & Development Department, Civil Secretariat, Srinagar/Jammu.
- Member Selection Committee Mahant Bachittar Singh College of Engineering & Technology Jammu.
- Member of Board of studies in Economics for the year 2013-14, Mahatma Gandhi Kashi Vidhayapeeth, Varanasi.
- Nominated as member of the Advisory Committee of UGC – Human Resource Development Centre, Punjabi University, Patiala for two years from April, 2013-15.
- Nominated by the Vice Chancellor Punjabi University, Patiala as an outside expert on the Board of Post Graduate Studies in Economics for the term 1.1.2013 to 31.12.2014.

- Member of INTACH, Jammu Chapter.
- Member (outside expert) on the Board of under Graduate Studies in Economics w.e.f. 1.1.2009 to 31-12-2010.
- Member of selection committee (outside expert) constituted to interview candidates for the post of Assistant / Associate/ Professor in Economics in the Punjabi University, Patiala on 19-07-2011; Uttarakhand Open University , UnchaPul, Haldwani.
- Member (outside expert) on the Board of Post Graduate Studies in Economics w.e.f. 2012 to 2015 in the Himachal Pradesh Central University, Dharamshalla.
- Member (outside subject expert) undergraduate in Economics in the Gurukula Kangri Vishwavidyalaya, Haridwar from 2012-14.
- Member of a Committee to consider the proposal submitted by Regional Chief HUDCO for providing HUDCO's loan assistance for land acquisition, housing schemes and infrastructure development Projects , 2011.

### **3. Prof. Falendra Kumar Sudan**

#### **Membership of Professional Bodies**

1. Life Member, International Society for Ecological Economics.
2. Life Member, Indian Society for Ecological Economics.
3. Life Member, Indian Economic Association.
4. Life Member, Indian Society of Labour Economics.
5. Life Member, Indian Academy of Social Sciences.
6. Life Member, Asian Population Association.
7. Life Member, Global Development Network.
8. Life Member, South Asian Development Network of Environment and Development Economics.

#### **Journal Editorial Experience:**

##### **Member Editorial Board:**

- a. Applied Economics and Policy Analysis (An International Journal)
- b. Journal of Social and Economic Policy

##### **Journal Advisory Board:**

- a. Member Advisory Board, Management Edge

### **Appointment on Expert Group**

- Member, Expert Advisory Committee on National Accounts Statics, Planning and Development Department, J&K.
- Member, State level Expert Appraisal Committee, State Environment Impact Assessment Authority, J&K.

#### **4. Dr. Shallu Sehgal**

Life Member, Indian Economic Association

#### **5. Dr. Sunita Sharma**

Life Member, Indian Economic Association

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). (w.e.f. 1st June 2009 to 28th February 2015)

##### **1. Prof. Jasbir Singh**

##### **Workshops / Programmes Attended:**

1. Attended 8 day workshop on Political Economy of Development conducted by University Grants Commission in Academic Staff College, Punjabi University Patiala from 16-06-2014 to 23-06-2014.
2. Attended Consultation Workshop on the Evaluation Study of NSS conducted by Ministry of Youth Affairs & Sports, New Delhi at Shastri Bhawan , New Delhi on 6th December, 2013.
3. Attended as Key Resource Person Five day Workshop for Writing of Chapters of Economics & Financial Literacy for Social Sciences Classes 9th and 10th organized by CDR Wing –Academic Division, JKBOSE, Jammu from 19 -23 February, 2013.
4. Attended Two Day National Workshop on Revisiting Sources of History with special reference to Jammu and Kashmir organized by the Department of History, University of Jammu on 6-7 January, 2011.
5. Attended Two Day Workshop on Development of Self-Learning Material (SLM) organized by Directorate of Distance Education, University of Jammu on 20-21 February, 2010.

##### **2. Prof. Falendra Kumar Sudan**

1. “Displacement and Children’s Participation: Experiences from Non-Kashmiri Camps and Lessons Learnt” in the National Workshop on Child Participation: Achievements and Challenges, during 8-9 December, 2010 at Committed Communities Development Trust (CCDT), Mumbai.

##### **3. Dr. Aroon Sharma** Attended two day workshop on Development of Self Learning



Material (SLM) organised by DDE, University of Jammu during 20-21 Feb 2010.

#### **4. Dr. Sunita Sharma**

##### **Workshops Attended**

Attended a five days workshop on UGC Capacity building of Women Managers in Higher Education organized by Government M.A.M College, Jammu during 18th -22th December 2009

Participated in “The Basic Training Workshop on Qualitative Methods & Techniques in Social Science Research” during 15-20, March 2010, organized by Indian Council of Social Science Research, North-Western Regional Centre, Punjab University, Chandigarh.

Participated in Workshop on Development of Self Learning Material, January 2010, organized by Directorate of Distance Education.

Participated in 3 day Workshop on “Analytical Research Methods” during 25-27 August 2010, organized by Department of Commerce (SAP: DRS-II), University of Jammu

UGC sponsored Short Term Course during UGC Academic Staff College, University of Jammu during 10-12 March 2011

Participated in short term course on Fundamentals of Computer & Programming Languages organized by Computer Centre, University of Jammu from 07-29 November 2013.

#### **Faculty Development Programme/ Training Programmes**

Faculty Development Programme on MS Office, 12- 28 March, 2012 organized by Department of Life Long Learning, University of Jammu

#### **Refresher Course**

Refresher Course, University of Jammu, 15<sup>th</sup> January to 6<sup>th</sup> Feb 2009, Academic Staff College, University of Jammu

#### **5. Dr. Virendra Koundal**

##### **Workshops Attended**

1. Workshop on development of Self Learning Material, DDE, University of Jammu, 20-21 Feb. 2010
2. National Workshop on Nehru and Kashmir, organized on November 14, 2011 by the Nehru Studies Centre, University of Jammu, Jammu.
3. Brainstorming session/awareness Workshop for Developing and identification of location specific R&D and Demonstration Project for Scheduled caste and Scheduled Tribes organized by university of Jammu in collaboration with J&K state council for science and Technology (DST, Government of India) on 25<sup>th</sup> September, 2012.

4. Methodology Training Program of ICSSR sponsored National Study on “Educational Status of Scheduled Castes and Scheduled Tribes: Attainment and Challenges” organized by the Department of Political Science, BBAU, Lucknow from 17<sup>th</sup> – 19<sup>th</sup>, December 2012.

### **Refresher Course**

1. UGC Academic Staff College, University of Jammu, Refresher Course. Participated in the Refresher Course in the Subject Management Studies, Commerce, Economics, from 15-1-2009 to 6-2-2009 and obtained grade ‘A’.
2. UGC Academic Staff College University of Jammu Refresher Course. Participated in the Refresher Course in the Subject of Management Studies, Commerce, Economics, from 15-1-2014 to 5-2-2014.

### **6. Dr. Shallu Sehgal**

#### **Workshops Attended**

- Attended a two days workshop on Development of Self Learning Material organized by Directorate of Distance Education, Jammu during 20<sup>th</sup> -21<sup>st</sup> February, 2010.
- Attended a five days workshop on UGC Capacity building of women Managers in Higher Education organized by Government M.A.M College, Jammu during 18<sup>th</sup> -22<sup>th</sup> December 2009.
- Attended a Two days Workshop on Research Methods and Statistical Analysis organized by Deptt. of Commerce, University of Jammu during March 23<sup>rd</sup> -24<sup>th</sup>, 2009.

#### **Refresher Course**

- Attended a Refresher Course in Major Concerns in Social Sciences during September 24<sup>th</sup> - 15<sup>th</sup> October 2009, organized by Academic Staff College in collaboration with Department of Economics, University of Jammu.
- Attended a Refresher Course in Business Studies (ID) during January 15<sup>th</sup> - 5<sup>th</sup> February 2014, organized by Academic Staff College in collaboration with School of Business Studies, University of Jammu.

#### **Orientation Course Attended**

- Attended a General Orientation Course during January 10<sup>th</sup> 2013 to 8<sup>th</sup> February 2013, organized by Academic Staff College in collaboration with Department of Dogri, University of Jammu.

#### **Faculty Development Programme/ Training Programmes**

- Attended FDP on Applied Econometrics for Management Research during 10<sup>th</sup>-23<sup>rd</sup> July, 2009 by SMVD University, Katra.

- Two Week faculty Development Programme on Applications of Econometrics and Time Series Techniques in Business organized by Shri Mata Vaishno Devi University during 20<sup>th</sup> May to 2<sup>nd</sup> June 2013.
- One week National Workshop organized by Shri Mata Vaishno Devi University in coloration with TIES during 3rd to 8th March 2014

## **7. Ms. Tsering**

### **Workshops Attended**

- One week capacity building Programme on CBP for Women Managers, 9-14 Feb 2015 organised by Rajiv Gandhi National Institute of Youth Development,, Sriperumbudur, Tamil Nadu and Centre for Women Studies and Development, PU, Chandigarh.
- One week National Workshop organized by Shri Mata Vaishno Devi University in coloration with TIES during 3rd to 8th March 2014

### **Refresher Course**

1. UGC Academic Staff College University of Jammu UGC-Sponsored Refresher Course. Participated in the Refresher Course in the Subject of Management Studies, Commerce, Economics, from 15-1-2014 to 5-2-2014.
28. Student projects (w.e.f. 1st June 2009 to 28th February 2015)
- a. percentage of students who have done in-house projects including inter-departmental projects NA
  - b. percentage of students doing projects in collaboration with other universities
    1. industry / institute NA
29. Awards / recognitions received at the national and international level by
- a. Faculty (w.e.f. 1st June 2009 to 28th February 2015)
  - b. Doctoral / post doctoral fellows
    - Dr. Prakash Chand Antahal received UGC's Post Doctorate Research Award 2009-11
    - Dr. Virendra Koundal was awarded Ph.D. from Jammu University in the year 2012.
    - Dr. Manoj Bhatt was awarded Ph.D. from JNU in the year 2011.
    - Dr. Shallu Sehgal was awarded Ph.D. from Shri Mata Vaishno Devi University as on 4th January 2013.
  - c. Students NA
30. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any. (w.e.f. 1st June 2009 to 28th February 2015)

- The Golden Jubilee Conference of The Indian Econometric Society (TIES) 4<sup>th</sup>-6<sup>th</sup> March, 2010 was organized by University of Jammu
- 70<sup>th</sup> Annual Conference of Indian Agricultural Economics was organized by Department of Economics during 29<sup>th</sup> November to 1<sup>st</sup> December 2010.
- One Day Data Dissemination Workshop on House Listing data 2011 Census was organized by Department of Economics in collaboration with Directorate of Census Operations, J&K.
- Department of Economics organised a General Orientation Course during 12<sup>th</sup> January 2015 to 10<sup>th</sup> February 2015 for Academic Staff College, University of Jammu

31. Code of ethics for research followed by the departments

Department has strictly followed the guidelines of UGC and other agencies with regard to the conduct of students, scholars and faculty members to ensure high level of code of ethics

32. Student profile programme-wise: (w.e.f. 1st June 2009 to 28th February 2015)

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A Economics					
2009	350	41	23	84	74
2010	375	25	40	84	75
2011	410	32	28	91	71
2012	398	29	31	69	58
2013	202	31	30	81	73
2014	339	27	35	76	74

33. Diversity of students (w.e.f. 1st June 2009 to 28th February)

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2009	100	0	0	0
2010	100	0	0	0
2011	96.66	3.33	0	0
2012	96.66	3.33	0	0
2013	90.16	0	9.83	0
2014	91.93	0	8.06	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

NET	More than 20 students
JRF	09
SET	01
KAS	01
CDS	01
AD	10
Statistical Assistant	19

35. Student progression (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

Year	Total P.G	PG to M.Phil (%)	PG to Ph.D (%)
2009-10	64	8.50	7.02
2010-11	64	7.81	6.50
2011-12	64	18.75	14.06
2012-13	65	21.54	6.15
2013-14	60	23.33	16.67
2014-15	61	9.84	39.34

36. Diversity of staff

Percentage of faculty who are graduates of	
the same university	54.54
from other universities within the State	9.09
from universities from other States	36.36
universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period (w.e.f. 1st June 2009 to 28th February 2015).

Name of the faculties	
1.Dr. Virender Koundal (2012)	3. Dr. Shallu Sehgal (2013)
2. Dr. Manoj Bhatt (2011)	

38. Present details of departmental infrastructural facilities with regard to

- d) Library The department has a library as a supplement to the university central library on the campus. The library houses a wide spectrum of National and International Journals/ Periodicals in addition to about 3000 volumes.
- e) Internet facilities for staff and students : All faculty members have access to the internet broadband and WiFi
- f) Total number of class rooms : 6
- g) 1 Seminar Hall
- h) Class rooms with ICT facility N.A
- i) Students' laboratories One Computer Laboratory
- j) Research laboratories One Seminar Room

39. List of doctoral, post-doctoral students and Research Associates (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

- a) from the host institution/university : 05 Research Associates from University of Jammu
- b) from other institutions/universities : 01 from JNU, New Delhi

40. Number of post graduate students getting financial assistance from the university. No student gets financial assistance from the university but all SC/ST/OBC students gets from Social Welfare Department, J&K government.

41. Was any need assessment exercise undertaken before the development of new programme(s)?  
If so, highlight the methodology. Not applicable

42. Does the department obtain feedback from

faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes, this is done through regular meetings of the department and proposals from the members of the faculty are placed before Board of Studies for considerations.

students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Nil

alumni and employers on the programmes offered and how does the department utilize the feedback? Nil

43. List the distinguished Alumni of the department (maximum 10) .

Kamal Sharma, Subash Sharma and Parsotam Singh ( Dy. Director, Planning Department); Dr. Shallu Sehgal, Assistt. Professor, Department of Economics; Mr. Anil Barti, Asstt. Professor, Central University, Jammu, Dr. Reena, Dr. Shivani Manchanda, Om Raj, Shivali rattan, Asharaf Rwaaz, SriKanth, Romesh Chander, Shammin Ahmad (Assistt. Professors in Higher Education), Dr. Zakir Hussain Project Officer Social Welfare, Aizaz Ahmad, DSP and Mr Kapil Dev Manhas Grade B officer, DEPR RBI,

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. (w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015)

- The Golden Jubilee Conference of The Indian Econometric Society (TIES) 4-6<sup>th</sup> March, 2010 was organized by University of Jammu
- 70<sup>th</sup> Annual Conference of Indian Agricultural Economics was organized by Department of Economics during 29<sup>th</sup> November to 1<sup>st</sup> December 2010.
- One Day Data Dissemination Workshop on House Listing data 2011 Census was organized by Department of Economics in collaboration with Directorate of Census Operations, J&K.
- Department of Economics organised a General Orientation Course during 12<sup>th</sup> January 2015 to 10<sup>th</sup> February 2015 for Academic Staff College University of Jammu

45. List the teaching methods adopted by the faculty for different programmes.

Lecture Method

Presentations

Group Discussions

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? All the programmes of the department are being monitored through Department Affairs Committee (DAC), Department Research Committee (DRC), Board of studies (BOS) and Board of Research Studies (BORS).
47. Highlight the participation of students and faculty in extension activities.  
(w.e.f. 1<sup>st</sup> June 2009 to 28<sup>th</sup> February 2015).

**I. Prof. Rajendra Gupta**

**Resource Person/Invited Speakers**

S.No.	Title of Lecture/ Academic Session	Duration	Delivered Lectures/Resource Person ,invited as an expert	Whether International/ national
1.	CBSE Workshops in 2014	October 2014	One week	Participated as Subject Expert/Resource Person
2.	CBSE Workshops in 2015	May 2015	One week	Participated as Subject Expert/Resource Person
3.	Delivered Two lectures in UGC Sponsored Orientation course organised by ASC, Bhagat Phool Singh University, Sonapat on June 12 2014	June 12, 2014	Invited to deliver lectures	National
4.	Delivered one lecture in UGC sponsored Refresher Course organized by Panjab University Chandigarh and one Valedictory Lecture	March 13, 2014	Invited as Resource Person	National
5.	Delivered two Lectures on “Economics of Infotainment: Learning through Modern Technology” at Roving Rock Pvt. Ltd, Singapore.	June 20, 2013	Invited as Resource Person	International



6.	Invited in the UGC Workshop in the subject of Economics at UGC Office, South campus, University of Delhi, Delhi	May 20 -25, 2013 (One week Workshop)	Expert/Resource person	National
7. a)	Delivered Two Lectures:  Marketing Strategies for adopting fundamental on changes in the dynamics of child education in Digital world	January 9, 2013	Invited as Resource Person	International
b)	Marketing Strategies for educating kids online at Roving Rock Pvt Ltd, Singapore	January 10, 2013	Invited as Resource Person	International
8.	Invited in the UGC Workshop in the subject of Economics at UGC Office, South campus, University of Delhi, Delhi	September 24-29 , 2012 ( One week Workshop)	Expert/Resource person	National
9. a)	Delivered two lectures : Role of India's Soft skill in US Economy	June 3, 2012	Resource person	International
b)	Scope of marketing of IT professionals in USA at Silver Peak Solutions Inc. Sunnyvale, USA	June 25, 2012	Resource person	International
10.	Invited in the UGC Workshop in the subject of Economics at UGC Office, South campus, University of Delhi, Delhi	March 26 - 31, 2012 (One week Workshop )	Expert/Resource person	National

11.	Invited in the UGC Workshop in the subject of Economics at UGC Office South campus, University of Delhi, Delhi	February 27 to March 2, 2012 (One week Workshop)	Expert/Resource person	National
12.	Delivered Two Lectures on “Impact of WTO in Indian Economy” at Department of Economics of Jiwaji University, Gwalior	December 26, 2011	Invited as Resource Person	National
13.	Delivered Two lectures In UGC sponsored Refresher Course at Department of Economics, H.P. University, Shimla	December 10, 2011	Invited as Resource Person	National
14.	Invited in the UGC Workshop in the subject of Economics at UGC Office, University of Pune, Pune	April 11 -16, 2011 (One week Workshop)	Expert/Resource person	National
15.	Delivered Two Extension lectures at Govt. Degree College, Samba (J&K)	March 08, 2011	Invited as Resource Person	National
16.	Delivered one lecture at UGC sponsored Orientation course organized by Department of Education, University of Jammu	March 7, 2011	Invited as Resource Person	National
17.	Delivered Two Extension lectures At Govt. Degree College, Samba (J&K)	December 14, 2010	Invited as Resource Person	National

18.	Delivered one lecture in UGC sponsored Refresher Course organized by Department of Library & Information Science, University of Jammu	December 13, 2010	Invited as Resource Person	National
19.	Invited in the UGC Workshop in the subject of Economics at UGC Office, South campus, University of Delhi, Delhi	September 20-24, 2010 (One week workshop )	Expert/Resource person	National
20.	Delivered Two Extension lectures at Govt. Degree College, Samba (J&K)	September 14, 2010	Invited as Resource Person	National
21.	Invited in the UGC Workshop in the subject of Economics at UGC Office, University of Pune, Pune	March 08 - 12, 2010 (One week Workshop)	Expert/Resource person	National
22.	Delivered Two Lectures on “Role of Advertisement in Marketing” at Department of Economics, Jiwaji University, Gwalior	February 19, 2010	Invited as Resource person	National

## II. Prof. Jasbir Singh

### Invited/Extension Lectures Delivered:

1. Lecture on “Methods Adopted and Approaches Followed to Conduct Research in Social Sciences” in Interactive Programme for Ph.D students in Sciences and Social Sciences Workshop for Ph. D students organised by the UGC -Human Resource Development Centre, Punjabi University, Patiala on 09-09-2015.

2. Lecture on “Techniques and Qualities for Conducting Interviews for Research” in Interactive Programme for Ph.D students in Sciences and Social Sciences Workshop for Ph. D students organised by the UGC -Human Resource Development Centre, Punjabi University , Patiala on 09-09-2015.
3. Lecture on “Gender Stressing in Social Context” in 26<sup>th</sup> Orientation Course organised by the UGC Human Resource Development Centre, Punjabi University , Patiala on 27 -6-2015.
4. Lecture on “Art of Teaching Needed to Improve Classroom Control” in 26<sup>th</sup> Orientation Course organised by the UGC Human Resource Development Centre, Punjabi University, Patiala on 27-06-2015.
5. Lecture on “Leadership Qualities in a Teacher Build a Good Teacher” in 26<sup>th</sup> Orientation Course organised by the UGC Human Resource Development Centre, Punjabi University, Patiala on 29<sup>th</sup> -06-2015.
6. Lecture on “The State of J&K : Conflict Resolution and Building Strong Union in the India : agenda 2020” in 2<sup>nd</sup> Summer School organised by the UGC Human Resource Development Centre, Punjabi University, Patiala on 27 -6-2015.
7. Lecture on “Sustainable Consumption and Life Style : Demand Analysis” in 2<sup>nd</sup> Summer School organised by the UGC Human Resource Development Centre, Punjabi University, Patiala on 29<sup>th</sup> -06-2015.
8. Lecture on “Personality Development for Successful Adjustment in Modern Life” in 2<sup>nd</sup> Summer School organised by the UGC Human Resource Development Centre, Punjabi University, Patiala on 29<sup>th</sup> -06-2015.
9. Lecture on “Women Employment and Economic Empowerment in Contemporary World” in 25<sup>th</sup> Orientation Course organised by the UGC Human Resource Development Centre, Punjabi University, Patiala on 5<sup>th</sup> -06-2015
10. Lecture on “Reconstruction of Gender Role in Postmodern Society” in 25<sup>th</sup> Orientation Course organised by the UGC Human Resource Development Centre, Punjabi University , Patiala on 5<sup>th</sup> -06-2015
11. Lecture on “Methods to Control Classroom Teaching” in 25<sup>th</sup> Orientation Course organised by the UGC Human Resource Development Centre, Punjabi University , Patiala on 6<sup>th</sup> -06-2015
12. Lecture on “Social Construction of Gender Role: An Analysis” in 24<sup>th</sup> Orientation Course organised by the UGC Human Resource Development Centre, Punjabi University , Patiala on 01 -05-2015
13. Lecture on “Use of Gender Bias in Classroom Teaching” in 24<sup>th</sup> Orientation Course organised by the UGC Human Resource Development Centre, Punjabi University, Patiala on 01-05-2015.

14. Lecture on “Teaching Skills and Classroom Control Methods” in 24<sup>th</sup> Orientation Course organised by the UGC Human Resource Development Centre, Punjabi University , Patiala on 02-05-2015.
15. Lecture on Shod Aur Aalochna in a course in Research Methodology organized by Department of Hindi, University of Jammu, Jammu on 21<sup>st</sup> March , 2015.
16. Lecture on Nature, Scope and Importance of Research in workshop on Research Methodology organized by Centre for Women’s Studies , University of Jammu on 9<sup>th</sup> March, 2015.
17. Lecture on Methods of Data collection Social Science Research in Capacity Building Programme for Young Faculty /Research Scholars in Social Sciences organized by Indian Council of Social Science Research, North-Western Regional Centre, Chandigarh on 4<sup>th</sup> March, 2015.
18. Lecture on Methods for Conducting Interviews for Research Purposes in capacity Building Programme for Young Faculty /Research Scholars in Social Sciences organized by Indian Council of Social Science Research, North-Western Regional Centre, Chandigarh on 4<sup>th</sup> March, 2015.
19. Lecture on Teaching Skills and Techniques Used in Classroom in 23<sup>rd</sup> Orientation Course Orientation Course organized by the Academic Staff College, Punjabi University, Patiala on 02-12-2014.
20. Lecture on Types of Research Design: Experimental; Control Group & Experimental Group; Ex-post Facto Research Design in a Course on Research Methodology for Ph. D students organized by Department of Economics , Mahatma Gandhi Kashi Vidyapith , Varanasi on 10-10- 2014.
21. Lecture on Concept in Research: Variables, Attributes in a Course on Research Methodology for Ph.D students organized by Department of Economics, Mahatma Gandhi Kashi Vidyapith, Varanasi on 10 -10- 2014.
22. Lecture on Poverty of Poverty Estimating Methods in India in Course organized by the Academic Staff College, Punjabi University, Patiala on -2014.
23. Lecture on Crisis of Regional Disparities and Development in India Course organized by the Academic Staff College, Punjabi University, Patiala on -2014.
24. Lecture on Economic Empowerment of Women in India: Challenges in the Contemporary World in 22<sup>nd</sup> Orientation Course organized by the Academic Staff College, Punjabi University, Patiala on 24-06-2014.
25. Lecture on Methods for Improving Classroom Interaction in 21<sup>st</sup> Orientation Course organized by the Academic Staff College, Punjabi University, Patiala on 13-06-2014.
26. Lecture on Sanitization of Gender Issues: A Social –Economic Attempt in 22<sup>nd</sup> Orientation Course organized by the Academic Staff College, Punjabi University, Patiala on 13-06-2014.

27. Lecture on Research Tools and Implementation in Social Sciences in the Summer School organized by the Academic Staff College, Punjabi University, Patiala on 16-05-2014.
28. Lecture on Qualities of Conducting Personal Interviews: An Overview in the Summer School organized by the Academic Staff College, Punjabi University, Patiala on 16-05-2014.
29. Lecture on Plagiarism and Report Writing: Issues and Challenges in the Summer School organized by the Academic Staff College, Punjabi University, Patiala on 17-05-2014.
30. Lecture on Scientific Application of Research Tools in Social Science in the Interactive Workshop for Ph. D students organized by the Academic Staff College, Punjabi University, Patiala on 10-03-2014.
31. Lecture on Technical Skills to Improve Teaching in 19<sup>th</sup> Orientation Course organized by the Academic Staff College, Punjabi University, Patiala on 01-03-2014.
32. Lecture on Life Skill : Decision Making s Skills: How Important for a Teacher in the Winter School course organized by the Academic Staff College, Punjabi University, Patiala on 19-12-2013.
33. Lecture on Economic Development : A Tool to Reduce Secessionism in 36<sup>th</sup> Refresher Course organized by the Academic Staff College, Punjabi University, Patiala on 12-10-2013.
34. Lecture on Declining Sex Ratio in India: A Challenge Ahead in 36<sup>th</sup> Refresher Course organized by the Academic Staff College, Punjabi University, Patiala on 12-10-2013.
35. Lecture on Status of Women in India: Challenge and Problems in 36<sup>th</sup> Refresher Course organized by the Academic Staff College, Punjabi University, Patiala on 12-10-2013.
36. Lecture on *Gender Sensitization –Meaning and Importance* in 18<sup>th</sup> Orientation Course organized by the Academic Staff College, Punjabi University, Patiala on 11-10-2013.
37. Lecture on *How to be an Effectual /Successful Teacher* in 17<sup>th</sup> Orientation Course organized by the Academic Staff College, Punjabi University, Patiala on 05-08-2013.
38. Lecture on *Women in Contemporary World: An Area of Concern* in 17<sup>th</sup> Orientation Course organized by the Academic Staff College, Punjabi University, Patiala on 05-08-2013.
39. Lecture on *My Experiences in Class Room* in 15<sup>th</sup> Orientation Course organized by the Academic Staff College, Punjabi University, Patiala on 06-03-2013.
40. Talk on Kender Sarkar Dhiyan Naminyen Arthaik Neetiyen (Talk in Punjabi) at All India Radio on 18<sup>th</sup> Februray,2013.
41. Lecture on *Tools for Conducting the Research* in 28<sup>th</sup> Refresher Course on Research Methodology organized by the Academic Staff College, Punjabi University, Patiala on 22-11-2012.
42. Lecture on *Research Methodology: Some Elements of Re-searching the Problem* in 28<sup>th</sup> Refresher Course on Research Methodology organized by the Academic Staff College, Punjabi University, Patiala on 22-11-2012.

43. Lecture in the Seven Day NSS Training Programme for Programme Officers organized by the NSS Training Orientation and Research Centre (TORC), Chandigarh in collaboration with the Office of the Programme Coordinator, NSS, and University of Jammu from 5-11-2012 to 11-11-2012.
44. Lecture in Orientation Course for NSS Programme Officer held in the University of Jammu in November, 2012.
45. Lecture on *Human Development: A Comparative Analysis of Jammu and Kashmir and Punjab* at Punjabi University, Regional Centre, Bathinda on 21 March, 2012.
46. Lecture on *Role of NSS Volunteers in Social Life* in the 10 Day Special NSS Camp in Govt. Maulana Azad Memorial College, Jammu on 25 December, 2011.
47. Lecture on *Role of NSS in Building Social Harmony in Training Programme* for NSS Programme Officers organized by Rajiv Gandhi National Institute of Youth Development, Sriperumbudur, Tamil Nadu at the University of Kashmir, J &K on 11 May, 2011.
48. Lecture on *Poverty and Illiteracy: Impediment to Social Harmony* in a Training Programme for NSS Programme Officers organized by Rajiv Gandhi National Institute of Youth Development, Sriperumbudur, Tamil Nadu at the University of Kashmir, J&K on 12 May, 2011.
49. Lecture on *Youth and Disaster Management from Civil Defence Point of View* in 5<sup>th</sup> Annual Civil Defense Warden's Conference organized by DIG police , Home Guards/CD & Aux.Police at APHQ , Jammu on 4<sup>th</sup> December, 2010.
50. Lecture on *How to Prepare a Lecture for Students* in Orientation Course organized by the Academic Staff College, University of Jammu in the Department of Education, University of Jammu on 12-08-2010.
51. Lecture on *Role of Different Agencies In Promoting International Peace And Brother Hood and Role of Youth and Teachers in Promoting International Peace and Brother hood* in UNESCO Workshop on Sensitizing Youth for Protecting Human Rights, World Peace & Environment at MIER, Jammu on 23 January, 2010.

### **III. Prof. Dipankar Sen Gupta**

- Acted as a National Trainer for the 2011 Census.

### **IV. Prof. Falendra Kumar Sudan**

1. "Water Resource Management in North India" delivered at Orientation Course, Academic Staff College, Punjabi University, Patiala, and Punjab on 17 May, 2013.
2. "Hydro-Power Development in North India" delivered at Orientation Course, Academic Staff College, Punjabi University, Patiala, and Punjab on 17 May, 2013.

3. Three lectures on “Environmental Economics: Basics”, “Using Data and Research”, and “Using Indicators for Research” as Resource Person on 26-27 March 2012 at the Orientation Programme organized by the UGC Academic Staff College, Aligarh Muslim, Aligarh.

#### **V. Dr. Virender Koundal**

1. “Careers in Humanities” delivered at Govt Degree College Bishnah on 25<sup>th</sup> Nov, 2014 programme/event organised by Employment Information cum advisory Bureau, Deptt. of Life Long Learning.
2. “Careers and Challenges” after graduation in Govt. Degree College, R.S Pura on 14<sup>th</sup> Oct, 2014.
3. “Indian Financial System” delivered at Academic Staff College, University of Jammu on 17<sup>th</sup> June 2014, in GOC/Refresher Course.
4. “Indian Financial System” a special reference to Indian Stock Exchange at Academic Staff College, University of Jammu on 14<sup>th</sup> July in GOC/Refresher Course.
37. Give details of “beyond syllabus scholarly activities” of the department. A number of students participated in beyond syllabus scholarly activities namely Miss. Apoorva Jamwal participated in Singing competition (Display your talent) and won many prizes at state and Zonal level and also visited abroad , Mr. Sahil participated in Debate competition.
38. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. Not applicable
39. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. Numerous research projects have been completed and are ongoing on regular basis. Various papers have been presented and published by the faculty members and research scholars in national and international seminars/ conferences/ workshops. Reserach Monographs, books and papers have been published in national/ international.
40. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

#### **Strengths:**

1. Expertise in thrust areas of J&K Economy and integrating it with regional, national and international perspective; which includes rural development, agriculture, sustainable development, regional studies, gender and development, environment and climate change economics, hill area development, dalit studies infrastructural economics, energy economics, financial economics, etc.
2. Research focus on clearly identified areas like energy, sustainable development, human resource development, gender and development, environment and natural resource economics, agriculture, rural development etc.



3. Consultancy and extension activities in aforesaid identified expertise areas of research and academic endeavours; with robust scope to collaborate with industry and civil society, government and non-governmental agencies.
4. Strong and robust research infrastructure including library, computer laboratory, desk tops, internet connectivity etc. Facilitating quality research activities to meet immediate needs of faculty members and researchers
5. Strong event management skills to organize and conduct mega conferences / seminars / workshops, which is evident from the fact that Department has organized successfully the Indian Economic Association Annual conference. Indian Society of Agricultural Economies Annual Conference and Indian Econometrics Society Annual Conference etc. in recent past.

#### Weaknesses

1. Need for Data-base and software for quantitative research.
2. Capacity building of faculty members and researchers in using research packages / software
3. Provision of technical manpower to manage computer laboratory and provision of reference books for specialized courses

#### Opportunities

1. Research and academic collaborations within India and abroad
2. Tapping funding agencies for promoting and conducting frontier research in the Department.
3. Tapping scholarships and fellowships opportunities for students / scholars / faculty both nationally and Internationally
4. Exploring new avenues of jobs for promoting the pass-outs of the Department and promoting Department. - Industry Collaboration
5. Tuning the courses as per market demand in contemporary economic issues and introducing job-oriented courses for students and in-service candidates

#### Challenges

- 1 Organizing and conducting job-oriented short-term courses for students and in-service candidates
- 2 Creating effective data base on various aspects of J&K Economy for planning purposes and to remove data gaps therein
- 3 Modification of content of M.A. / M.Phil courses and introduction of new papers on contemporary economic issues.

- 4 Placements of pass-outs beyond traditional job markets in new emerging areas.
- 5 Reviving the activities of economic society and formulation of alumni association of the Department.

41. Future plans of the department.

Short term

- A) Engagement of eminent scholars and researchers from within and outside the country, as Guest Professors, Researchers Collaboration, etc
- B) Development of job oriented courses on emerging development issues
- C) Platform for University- Industry Interface
- D) Alumni involvement for awards and recognition
- E) Capacity Development of Faculty/ Research Scholars
- F) Certificate Courses in emerging issues

Long Term

- A) International Collaborations
- B) Centre of Excellence (Inter-Disciplinary)
- C) Establishments of Industry Chairs
- D) Research Publications
  - Working Papers
  - Collaborative Research
  - Database of J&K Economy