



2020-2021

ANNUAL REPORT



BABA SAHEB AMBEDKAR ROAD, UNIVERSITY OF JAMMU-
180006

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Introduction to the University

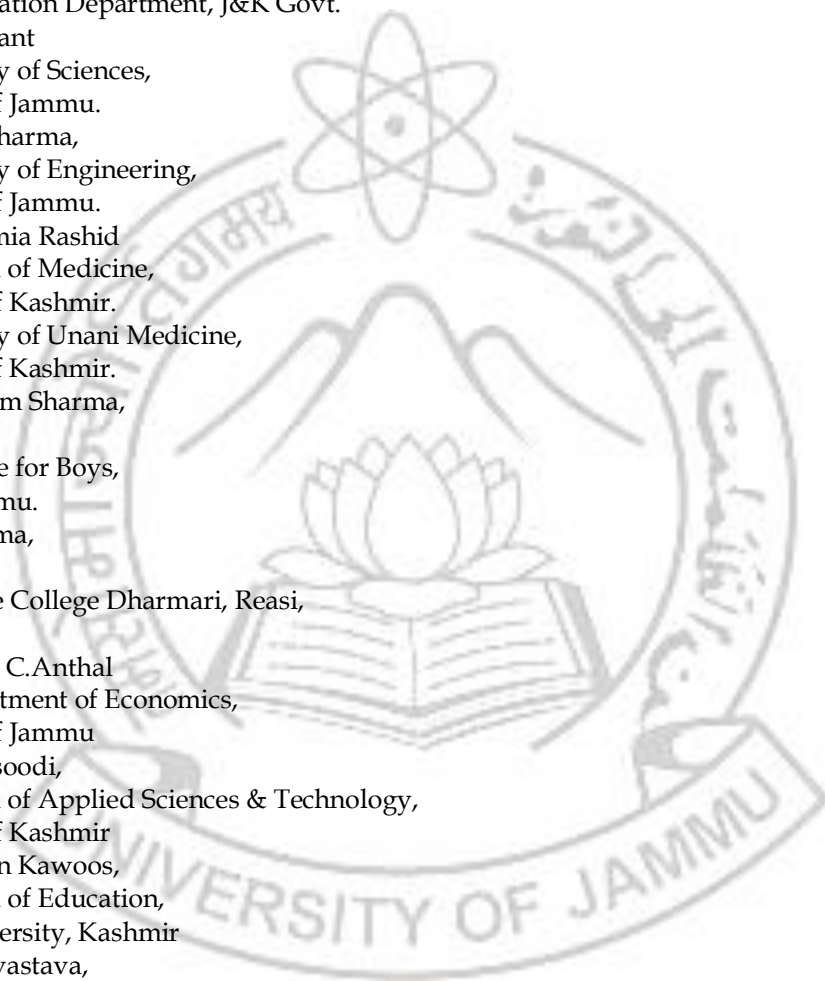


University Council
(as on March 31, 2021)

1. The Hon'ble Lt. Governor
J&K and
The Chancellor, University of Jammu
2. Hon'ble Chief Minister(Pro-Chancellor),
J&K Govt
3. Hon'ble Education Minister,
Higher Education Department,
J&K Govt.
4. Prof. Manoj K Dhar
The Vice Chancellor,
University of Jammu
5. Prof. Talat Ahmed,
Vice Chancellor,
University of Kashmir
6. Prof. Bechan Lal (Special Invitee),
Vice Chancellor,
Cluster University (Jammu)
7. Vice Chancellor,
Cluster University (Kashmir)
8. Sh. M.Raju, I.A.S.,
Secretary to Govt.,,
Planning & Development Deptt.,
Civil Secretariat, Jammu
9. Dr. Arun Kumar Mehta, I.A.S,
Financial Commissioner to Govt.,
Finance Department,
Financial Advisor (Universities)
10. Sh. Talat Parvez Rohella, IAS,
Commissioner Secretary to Govt.,
Higher Education Department, J&K Govt.
11. Dean, Faculty of Mathematical Sciences,
University of Jammu
12. Dean Faculty of Education
University of Jammu
13. Prof. Subash Sharma,
Principal,
Govt. Degree College for Boys,
Udhampur
14. President (JUTA),
University of Jammu
15. Dr. Rakesh Jasrotia,
President CTA,
Jammu Wing
16. Prof. Vinayshil Gautam, Ph.D. FRAS(London),(Chancellor's Nominee)
17. Prof. R.P Tandon, (Chancellor's Nominee)
Department of Physics & Astrophysics
University of Delhi, Delhi
18. Registrar, University of Jammu.

University Syndicate
(as on March 31, 2021)

1. The Vice-Chancellor,
University of Jammu
2. Dr.Arun Kumar Mehta, I.A.S,
Financial Commissioner to Govt.,
Finance Department,
3. Sh. Talat Parvez Rohella, IAS,
Commissioner Secretary to Govt.,
Higher Education Department, J&K Govt.
4. Prof. Rajni Kant
Dean, Faculty of Sciences,
University of Jammu.
5. Dr.Sameru Sharma,
Dean, Faculty of Engineering,
University of Jammu.
6. Prof.(Dr.)Samia Rashid
Dean, School of Medicine,
University of Kashmir.
7. Dean, Faculty of Unani Medicine,
University of Kashmir.
8. Prof.Assa Ram Sharma,
Principal,
Govt. College for Boys,
Kathua, Jammu.
9. Dr.K.K Sharma,
Principal,
Govt. Degree College Dharmari, Reasi,
Jammu.
10. Prof.Prakash C.Anthal
Head, Department of Economics,
University of Jammu
11. Prof.F.A Masoodi,
Dean, School of Applied Sciences & Technology,
University of Kashmir
12. Prof.Yasmeen Kawoos,
Dean, School of Education,
Cluster University, Kashmir
13. Prof.P.K. Srivastava,
Department of Geology,
University of Jammu.
14. Prof. Vivek Gupta,
Department of Physics,
University of Jammu.
15. Prof. Satnam Kour,
Department of English,
University of Jammu.
16. Registrar,
University of Jammu.



Academic Council
(as on March 31, 2021)

I. Vice-Chancellor

II. Deans of Faculties of the University of Jammu

1. Prof.Rajni Kant
Dean, Faculty of Science
2. Prof.Kulwant Singh,
Dean, Faculty of Law
3. Prof.Neetu Andotra,
Dean, Faculty of Business Studies
4. Prof.Renu Nanda
Dean, Faculty of Education
5. Prof.Roopma Gandotra
Dean, Faculty of Life Sciences
6. Prof.Jasbir Singh
Dean, Faculty of Social Sciences
7. Prof.Shoab Inayat malik,
Dean, Faculty of Arts
8. Prof. Vibhakar Mansotra,
Dean, Faculty of Mathematical Sciences
9. Dean, Faculty of Medical Sciences
10. Dean, Faculty of Engineering.
11. Dean, Faculty of Music & Fine Arts

III. Heads of Departments of University

IV. Six Principals of Affiliated/Constituent Colleges Nominated by The Vice Chancellor

Principal, Govt. Degree College Kathua
Principal, Govt. Degree College for Boys, Udampur
Principal, Govt. Degree College, Poonch
Principal, Govt. Degree College, Kishtwar
Principal, Govt. M.A.M College, Jammu
Principal, Govt. Degree College, Reasi

V. Four College Professors Nominated by The Vice-Chancellor

Head, Department of Persian, Govt. Degree College, Rajouri
Head, Department of Arabic, Govt. Degree College, Doda
Head, Department of Music, Govt. Degree College for Women, Gandhi Nagar, Jammu
Head, Department of Philosophy, Govt. College for Women, Parade, Jammu

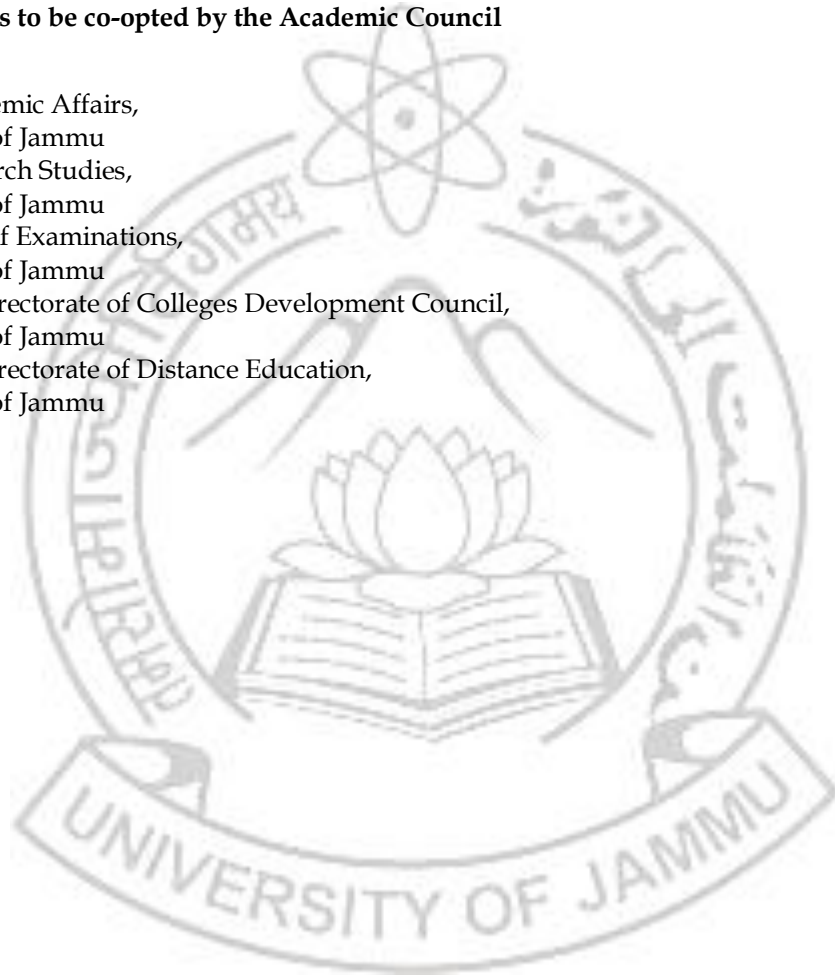
VI. Deans of Faculties of Kashmir

Dean, Faculty of Arts
Dean, Faculty of Applied Science & Technology

Dean, Faculty of Biological Sciences
Dean, Faculty of Physical & Material Sciences
Dean, Faculty of Social Sciences
Dean, Faculty of Commerce & Management Studies
Dean, Faculty of Education
Dean, Faculty of Law
Dean, Faculty of Oriental Learning
Dean, Faculty of Engineering
Dean, Faculty of Medicine
Dean, Faculty of Music & Fine Arts
Dean, Faculty of Dentistry

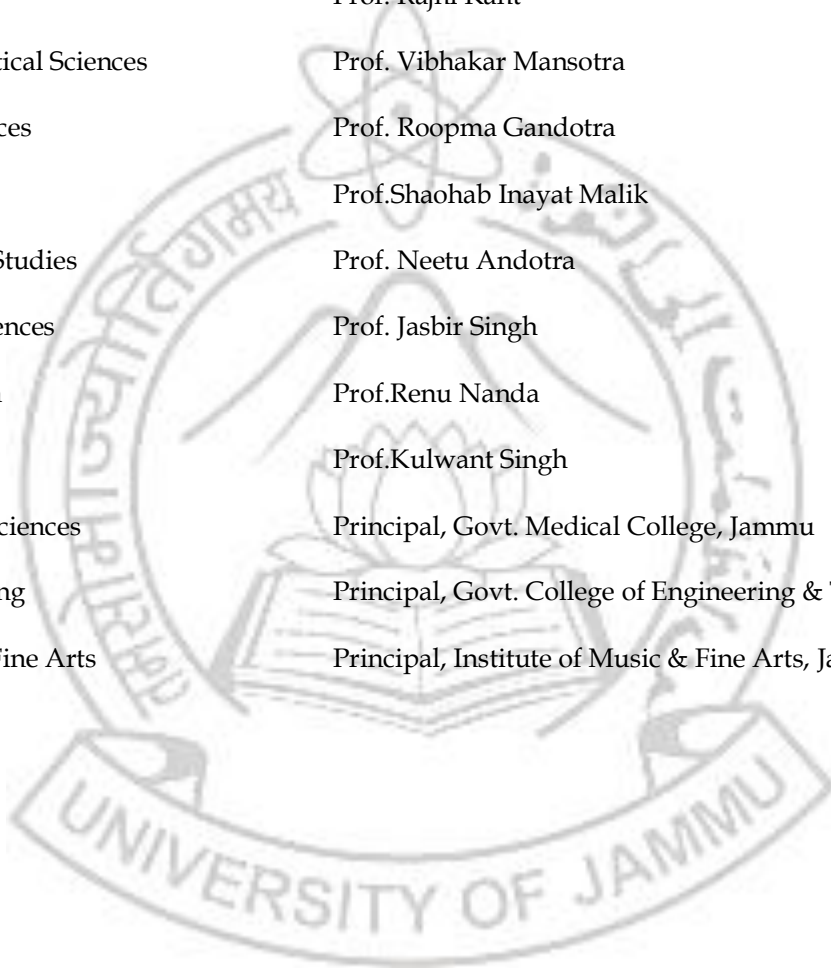
VII. Five Persons to be co-opted by the Academic Council

Dean Academic Affairs,
University of Jammu
Dean Research Studies,
University of Jammu
Controller of Examinations,
University of Jammu
Director, Directorate of Colleges Development Council,
University of Jammu
Director, Directorate of Distance Education,
University of Jammu



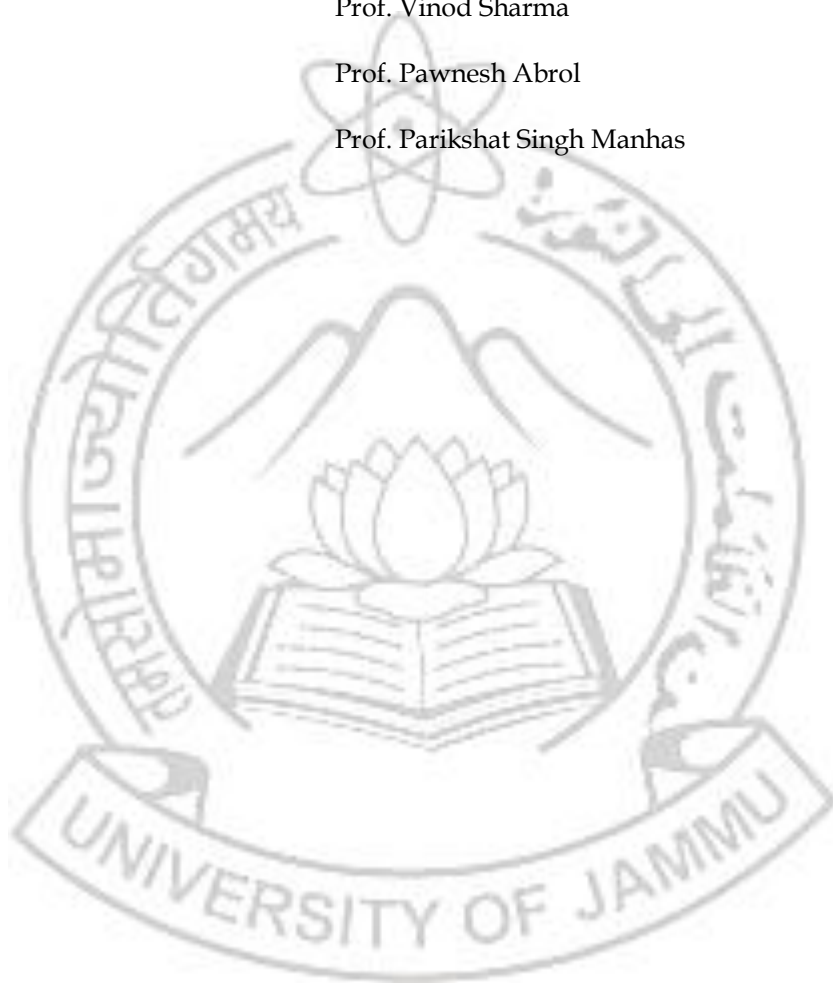
Deans of Faculties
(As on March 31, 2021)

Dean Academic Affairs	Prof. Keshav Sharma
Dean Research Studies	Prof. Rajni Dhingra
Faculty	Dean
Faculty of Sciences	Prof. Rajni Kant
Faculty of Mathematical Sciences	Prof. Vibhakar Mansotra
Faculty of Life Sciences	Prof. Roopma Gandotra
Faculty of Arts	Prof. Shaohab Inayat Malik
Faculty of Business Studies	Prof. Neetu Andotra
Faculty of Social Sciences	Prof. Jasbir Singh
Faculty of Education	Prof. Renu Nanda
Faculty of Law	Prof. Kulwant Singh
Faculty of Medical Sciences	Principal, Govt. Medical College, Jammu
Faculty of Engineering	Principal, Govt. College of Engineering & Technology Jammu
Faculty of Music & Fine Arts	Principal, Institute of Music & Fine Arts, Jammu



Rectors/Directors of the Campuses

Campus	Rector/Director
Bhaderwah	Prof. Rahul Gupta
Kathua	Dr. Meenakshi Kilam
Kishtwar	Prof. Haq Nawaz Shiekh
Poonch	Prof. Dipankar Sengupta
Ramnagar	Prof. Vinod Sharma
Reasi	Prof. Pawnesh Abrol
Udhampur	Prof. Parikshat Singh Manhas



Heads of The University Teaching Departments
(As on March 31, 2021)

Name of the Department/ Directorate	Head/Director
Biotechnology	Dr. B.K Bajaj
Botany	Prof. Namrata Sharma
Buddhist Studies	Prof. Shohab Inayat Malik
The Business School	Dr. Sameer Gupta
Chemistry	Prof. R.K Bamzei
Computer Science & IT	Prof. Lalit Sen Sharma
Commerce	Prof. Hardeep Chahal
Dogri	Dr. Shiv Dev Singh Manhas
Economics	Dr. Prakash Anthal
Education	Prof. Rajeev Rattan
Electronics	Prof. P.K Lehna
English	Prof. Monika sethi
Environmental Sciences	Prof. Raj Kumar Rampal
Geography	Dr. Anuradha Sharma
Geology	Prof. Rajnikant
Hindi	Dr. Sushma Sharma
History	Prof. Sham Narayan Lal
Home Science	Prof. Shashi Manhas
Human Genetics	Prof. Seema Langer
Hospitality & Tourism Management	Dr. Deepak Raj Gupta
Law	Prof. Kulwant Singh
Law School	Dr. Satinder Kumar (Director)
Library Science	Prof. Sangita Gupta
Life Long Learning	Prof. Kavita Suri
Mathematics	Prof. Romesh Kumar
Physical Education	Prof. Daud Iqbaal Baba
Physics	Dr. S.S Sambyal
Political Science	Prof. Baljit Singh
Psychology	Prof. Arti Bakshi
Punjabi	Dr. Baljeet Kaur
Remote Sensing	Prof. Avtar Singh Jasrotia
Sanskrit	Prof. Ram Bahadur Shukla
Sociology	Dr. Abha Chauhan
Statistics	Prof. Pawan Kumar
Strategic and Regional Studies	Prof. Jasbir Singh
Urdu	Prof. ShohabInayat Malik
Zoology	Dr. Roopma Gandotra
ICccR & HRM	Prof. Neetu Andotra

Directors of The Centres/Directorates
(As on March 31, 2021)

Centre	Director
Centre for History and Culture of Jammu and Ladakh Region	Dr. Anita Billawaria
Centre for IT Enabled Services	Er. Anik Gupta
Centre for New Literatures, Culture & Communication	Prof. Monika Sethi
Centre for Professional Studies in Urdu	Prof. Shohab Inayat Malik
Centre for Study of Social Exclusion and Inclusion Policy	
Centre for Studies in Museology	Dr. Poonam Chaudhary
Centre for Women Studies	Dr. Neeru Sharma
Colleges Development Council	Prof. Rajni Kant
Computer Centre	Mr. Raman Gupta (I/c Director)
Directorate of Distance Education	Prof. Kulwant Singh
Directorate of Internal Quality Assurance	Dr. Meenakshi Kilam
Disaster Management Centre	Dr. S.K.Pandita
Dr. Ambedkar Studies Centre	Prof. Abha Chauhan
Gandhian Centre for Peace and Conflict Studies	Prof. Anurag Gangal
Institute of Himalayan Glaciology	Prof. G.M Bhat
International Centre for Cross-Cultural Research and Human Resource Development	Prof. Neetu Andotra
Nehru Studies Centre	Dr. Baljit Singh
University Science Instrumentation Centre	Prof. Meena Sharma
Yoga Centre	Dr. Daud Iqbal Baba

Officers of The University
(As on March 31, 2021)

Vice Chancellor's Secretariat

Prof. Manoj K Dhar

Dr. Neeraj Sharma
Sh. Imran Farooq

Special Secretary to Vice Chancellor
Public Relation Officer

Office of Dean Academic Affairs

Prof. Keshav Sharma
Dr. Renu Bhai

Dean Academic Affairs
Deputy Registrar

Dean Research Studies

Dr. Rajni Dhingra
Ms. Sumita Sharma

Dean Research Studies
Assistant Registrar

Administration

Dr. Meenakshi Kilam
Sh. Shyam Lal
Ms. Dhritika Singh

Registrar
Assistant Registrar (Establishment)
Deputy Registrar (Teaching Wing)

Finance

Dr. Dharmendra Magotra
Sh. Vivek Salathia
Dr. Saran Preet Broca
Sh. Dinesh Gupta

Joint Registrar (Finance)
Deputy Registrar
Deputy Registrar
Programmer

Controller of Examinations wing

Prof. Rajni Kant
Sh. Ashwani Kumar Padha
Dr. Raj Kumar
Sh. Ajay
Sh. Mahim Jitendra
Sh. Ashwani Kumar
Smt. Neena Gupta
Smt. Sangeeta Gupta
Sh. Vinod Kumar Gupta
Smt. Usha Kumari
S. Rajinder Singh
Sh. Kuldip Kumar
Sh. Arun Abrol
Sh. Ravi Kant

Controller of Examinations
Joint Registrar (C E Wing)
Deputy Registrar
I/c Deputy Registrar
Deputy Registrar
Assistant Registrar
Assistant Registrar
Assistant Registrar
Assistant Registrar
Assistant Registrar
Assistant Registrar
Assistant Registrar
Assistant Registrar
Assistant Registrar
Programmer

College Development Council

Prof. R.K Ganjoo
Mr. Khem Pal

Director, CDC
Deputy Registrar

Directorate of Distance Education

Prof. Kulwant Singh
Sh. Shyam Lal
Sh. Bhashi Ram

Director
Assistant Registrar
Assistant Registrar

Directorate of Internal Quality Assurance

Dr. Meenakshi Kilam
Ms. Ginny Dogra

Director
Deputy Director

Office of Dean Students Welfare

Prof. Jasbir Singh
Dr. Parmil Kumar
Dr. Abdul Rashid Manhas
Dr. Vinay Thusoo

Dean Student Welfare
Associate Dean Student Welfare
Assistant Dean Student Welfare
Public Relation Officer

Central Library

Prof. Versha Mehta
Ms. Anju Gupta
Ms. Anita Sachar
Dr. Gurdev Singh
Ms. Nimmi Suri

I/C Librarian
Assistant Librarian
Assistant Librarian
Assistant Librarian
Assistant Librarian

Works Department

Er. Suresh Kumar Sharma
Er. Rajeev Kumar
Er. Jeevan Singh
Er. Akash Bhola

Executive Engineer
Assistant Executive Engineer
Assistant Executive Engineer
Assistant Executive Engineer

Estates

Er. Rajeev Gupta

Assistant Executive Engineer

Hostels

Prof. Yash Pal Sharma
Prof. Shashi Manhas

Provost (Boys Hostel)
Provost (Girls Hostel)

Health Centre

Dr. Bharat Bhushan
Dr. Goutam Sharma

Medical Officer
Dental Surgeon

Gen. Zorawar Singh Auditorium

Mr. Sanjeev Mahajan

Centre for IT Enabled Services

Dr. Anik Gupta
Sh. Guneet Sudan
Sh. Amit Mahajan

I/c Director
Assistant Director
System Analyst

Computer Centre

Sh. Raman Gupta

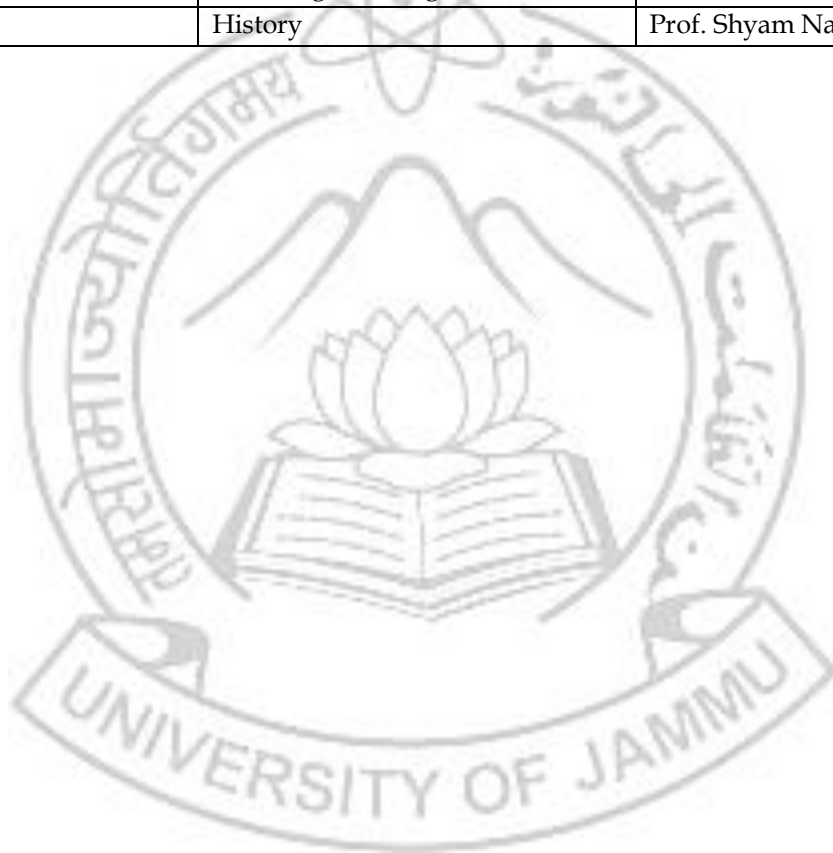
I/c Director



Conveners of Boards of Studies
(as on 31st March 2021)

Subject	Department/Institute/College	Convener
History	History	Prof. Sham Narayan Lal
Commerce	Commerce	Prof. Hardeep Chahal
Sociology	Sociology	Dr. Abha Chauhan
Chemistry	Chemistry	Prof. R.K Bamzei
Music and Fine Arts	Institute of Music and Fine Arts, Poonch House, Talab Tillo, Jammu	Principal, Institute of Music and Fine Arts
Zoology	Zoology	Dr. Roopma Gandotra
Sericulture	Sericulture	Dr. Roopma Gandotra
Fish and Fisheries/ Human Genetics	Fish and Fisheries/ Human Genetics	Dr. Roopma Gandotra
Computer Application	Computer Science	Prof. Lalit Sen Sharma
Museology	Museology	Dr. Poonam Choudhary
Teacher Education/Education /Physical Education	Education	Prof. Rajiv Rattan
Philosophy	Philosophy	Sh. Sanjay Kumar, GCW, Udhampur
Electronics	Electronics	Prof. P.K Lehna
Urdu	Urdu	Prof. ShohabInayat Malik
Dogri	Dorgi	Dr. Shiv Dev Singh Manhas
Physics	Physics	Dr. S.S Sambyal
Hindi	Hindi	Dr. Sushma Sharma
English	English	Prof. Monika sethi
Buddhist Studies	Buddhist Studies	Prof. ShohabInayat Malik
Botany	Botany	Prof. Namrata Sharma
Mathematics	Mathematics	Prof. Romesh Kumar
Political Science	Political Science	Prof. Baljit Singh
Food Science Technology/Quality Control/ Home Science	Home Science	Prof. Shashi Manhas
Geography	Geography	Dr. Anuradha Sharma
Bio-Technology/Bio- Chemistry/Microbiology	Biotechnology	Dr. B.K Bajaj
Business Management/ Business Administration/MTM /Marketing Management	The Business School	Dr. Sameer Gupta
Punjabi	Punjabi	Dr. Baljeet Kaur
Economics	Economics	Dr. Prakash Anthal
Psychology	Psychology	Prof. ArtiBakshi
Sanskrit	Sanskrit	Prof. Ram Bahadur Shukla
Environmental Science	Environmental Science	Prof. Raj Kumar Rampal
Kashmiri	Kishtwar Campus	Dean, Faculty of Arts
Geology	Geology	Prof. Rajnikant
Library Science	Library Science	Prof. Sangita Gupta

Subject	Department/Institute/College	Convener
Information Technology	Information Technology	Dr.Lalit Sen Sharma
Persian & Arabic	Govt. M.A.M College, Jammu	Prof. Mushtaq Ahmad, GDC, Baderwah
Statistics	Statistics	Prof. Pawan Kumar
Law	Law	Prof. Kulwant Singh
Engineering	Govt. College of Engineering & Technology, Kot Bhalwal, Jammu	Dr. Sameru Sharma, Principal GCET
MD/MS/MBBS/BAMS/BPT/BDS	Govt. Medical College, Jammu	Dr.Shashi Sudan Sharma,Principal GMC
Remote Sensing	Remote Sensing & GIS	Prof. Avtar Singh Jasrotia
Indian Music	GCD(Boys), Udhampur	Sh. Samesh Kumar, GCD (Boys), Udhampur
Rural Development	Life Long Learning	Prof. Kavita Suri
Islamic Studies	History	Prof. Shyam Narayan Lal

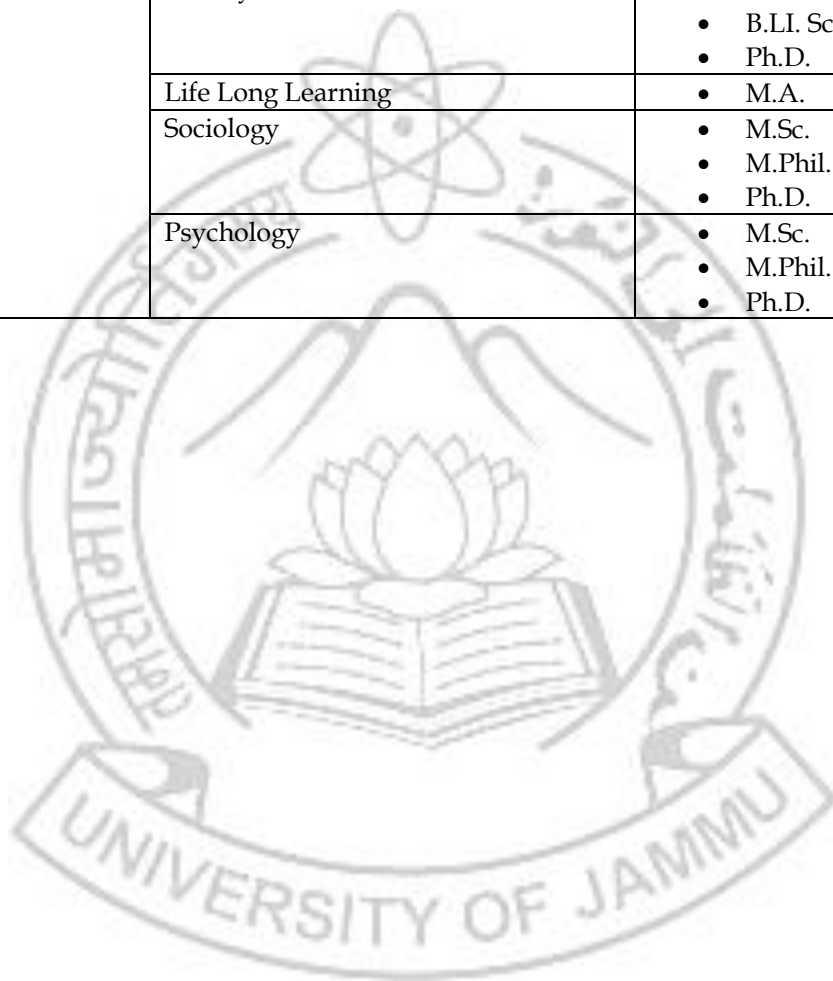


Courses Offered in Various Teaching Departments of the University

Faculty	Department	Programmes
Arts	Buddhist Studies	<ul style="list-style-type: none"> • M.A. • Ph.D
	Dogri	<ul style="list-style-type: none"> • M.A. • M.Phil • Ph.D
	English	<ul style="list-style-type: none"> • M.A. • M.Phil. • Ph.D.
	Hindi	<ul style="list-style-type: none"> • M.A. • M.Phil. • Ph.D.
	Punjabi	<ul style="list-style-type: none"> • M.A. • M.Phil. • Ph.D.
	Sanskrit	<ul style="list-style-type: none"> • M.A. • M.Phil. • Ph.D.
	Urdu	<ul style="list-style-type: none"> • M.A. • M.Phil. • Ph.D.
Business Studies	Business School	<ul style="list-style-type: none"> • MBA. • MBA (IB). • PGDBM. • Ph.D.
	Commerce	<ul style="list-style-type: none"> • M.Com. • M.Phil. • Ph.D. • PG Diploma in Accounting & Finance (PGDA&F). • PG Diploma in Banking & Risk Management (PGDBRM). • PG Diploma in Marketing & Sales Management (PGDMSM).
	SHTM	<ul style="list-style-type: none"> • MBA (H&T). • BBA. • Ph.D. • PG Diploma in Destination Management
Education	Education	<ul style="list-style-type: none"> • M.A. • M.Ed. • M.Phil. • Ph.D.
	Physical Education	<ul style="list-style-type: none"> • MPED. • BPED.
Law	Law	<ul style="list-style-type: none"> • LLB 3-Years • LLM. • Diploma in Criminology

Faculty	Department	Programmes
		<ul style="list-style-type: none"> • LLD/Ph.D.
	Law School	<ul style="list-style-type: none"> • LLB 5 Years • Diploma in Human Rights & Duties
Mathematical Science	Mathematics	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.
	Statistics	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.
	Computer Science	<ul style="list-style-type: none"> • MCA. • M.Tech. • Ph.D.
Science	Chemistry	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.
	Geology	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.
	Geography	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.
	Home Science	<ul style="list-style-type: none"> • M.Sc. • Ph.D.
	Physics	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.
	Electronics	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.
	Remote Sensing	<ul style="list-style-type: none"> • M.Sc. • Ph.D.
Life Science	Biotechnology	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D. • PG Diploma.
	Biochemistry	<ul style="list-style-type: none"> • M.Sc. • Ph.D.
	Microbiology	<ul style="list-style-type: none"> • M.Sc. • Ph.D.
	Botany	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.
	Environment Science	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.
	Zoology	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.
	Human Genetics	<ul style="list-style-type: none"> • M.Sc. • Ph.D.

Faculty	Department	Programmes
Social Science	Economics	<ul style="list-style-type: none"> • M.A Economics • M.A Public Policy • M.Phil. • Ph.D.
	History	<ul style="list-style-type: none"> • M.A. • M.Phil. • Ph.D.
	Political Science	<ul style="list-style-type: none"> • M.A. • M.Phil. • Ph.D.
	Library Science	<ul style="list-style-type: none"> • M.LI. Sc. • B.LI. Sc. • Ph.D.
	Life Long Learning	<ul style="list-style-type: none"> • M.A.
	Sociology	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.
	Psychology	<ul style="list-style-type: none"> • M.Sc. • M.Phil. • Ph.D.



Departments under Various Faculties of the University

Faculty of Arts	Faculty of Sciences
<ul style="list-style-type: none"> • Buddhist Studies • Dogri • English • Hindi • Punjabi • Sanskrit • Urdu 	<ul style="list-style-type: none"> • Chemistry • Geology • Geography • Home Science • Physics & Electronics • Remote Sensing
Faculty of Social Sciences	Faculty of Life Sciences
<ul style="list-style-type: none"> • Economics • History • Library & Information Science • Political Science • Psychology • Sociology • Strategic and Regional Studies 	<ul style="list-style-type: none"> • Biotechnology • Botany • Environmental Sciences • Zoology • Human Genetics
Faculty of Mathematical Sciences	Faculty of Education
<ul style="list-style-type: none"> • Computer Science & IT • Mathematics • Statistics 	<ul style="list-style-type: none"> • Education • Life Long Learning • Sports & Physical Education
Faculty of Business Studies	Faculty of Law
<ul style="list-style-type: none"> • Commerce • The Business School • School for Hospitality and Tourism Management 	<ul style="list-style-type: none"> • Law • The Law School

Boards of Studies under various Faculties of the University

Faculty of Arts	Faculty of Life Sciences
<ul style="list-style-type: none"> • Buddhist Studies • English • Sanskrit • Persian • Arabic • Hindi • Urdu • Punjabi • Music • Dogri • Functional English • Kashmiri • English Literature 	<ul style="list-style-type: none"> • Botany • Zoology • Environmental Sciences • Bio-Technology • Microbiology • Bio-Chemistry • Human Genetics • Sericulture • Industrial Fish and Fisheries • Biological Techniques and Specimen Preparation
Faculty of Science	Faculty of Social Sciences
<ul style="list-style-type: none"> • Physics and Electronics • Chemistry • Geology • Remote Sensing and GIS • Geography • Home Science 	<ul style="list-style-type: none"> • Economics • History • Political Science • Library Science • Public Administration • Anthropology

<ul style="list-style-type: none"> • Food Science and Quality Control 	<ul style="list-style-type: none"> • Rural Industries • Interior Decoration • Strategic and Regional Studies • Sociology • Psychology • Philosophy • Islamic Studies
Faculty of Mathematical Sciences	Faculty of Education
<ul style="list-style-type: none"> • Computer Science & IT • Mathematics • Statistics 	<ul style="list-style-type: none"> • Education • Teacher Education • Physical Education
Faculty of Business Studies	Faculty of Ayurvedic Medicine
<ul style="list-style-type: none"> • Business Management • Marketing Management • Business Administration • Tourism Management • Commerce 	<ul style="list-style-type: none"> • Medicine • Midwifery and Gynaecology • Social and preventive Medicine (Kaya Chikitsa Charak, Prasuti Stri Rog, Swasthvrit) • Anatomy and Surgery, Eye and E.N.T. (Sharira Shalya Shalakaya) • Physiology and Pathology (D.D.M. V. & Nidan) • Pharmacy and Pharmacology, Medical • Jurisprudence and Toxicology (Ras Shastra, Dravya Guna and Agad Tantra) • Basic Sciences and Languages (Padarth Vigyan, Basic Sciences and Sanskrit)
Faculty of Law	Faculty of Engineering
<ul style="list-style-type: none"> • Law 	<ul style="list-style-type: none"> • Civil Engineering • Electrical Engineering • Mechanical Engineering • Electronics/Communication/Computer • Engineering • Physics • Chemistry • Mathematics
Faculty of Medicine	
<ul style="list-style-type: none"> • Anatomy • Physiology including Bio-Physics • Pathology and Bacteriology • Pharmacology • Forensic Medicine • Surgery • Medicine • Preventive and Social Medicine • Obstetrics and Gynaecology • Ophthalmology & E.N.T • Radiology • Psychiatry • Pediatrics • Anaesthesia • Orthopaedics • Dermatology • Bio-Chemistry • Micro-Biology 	

- Physiotherapy
- Dental Surgery

Students Admitted in the Teaching Departments/Schools (2020-21)

Department/School		No. of Students Admitted	No. of Teachers (Permanent Only)	Student : Teacher Ratio
Biotechnology		15	07	
Microbiology		10	07	
Biochemistry		12	07	
Home Science		23	05	
Punjabi		14	03	
Sanskrit		28	06	
Buddhist Studies		22	02	
Botany		33	08	
SHTM	BBA (HM)	20	04	
	MBA (HT)	11		
Human Genetics		07	03	
Physics		47	10	
Statistics		29	06	
The Business School		61	14	
ICccR & HRM		14	02	
Chemistry		45	10	
Environmental Science		35	06	
Life Long Learning		33	05	
Remote Sensing		12	02	
Zoology		34	06	
English		60	07	
Electronics		34	04	
Dogri		35	04	
Economics		68	10	
History		69	05	
Commerce		60	07	
Hindi		54	03	
Psychology		26	03	
Sociology		39	04	
Computer Science & IT (MCA)		42	06	
M.Tech.		14		
Education	M.A.	62	06	
	M.Ed	45		
Geography		36	04	
Geology		32	08	
Physical Education	B.P.Ed.	55	07	
	M.P.Ed.	46		
Political Science		70	05	
Law	BA LLB	120	12	
	LLM	08		
Urdu		59	05	
Library and Information Science	B.LI.Sc.	33	03	
	M.LI.Sc.	20		
Mathematics		55	05	

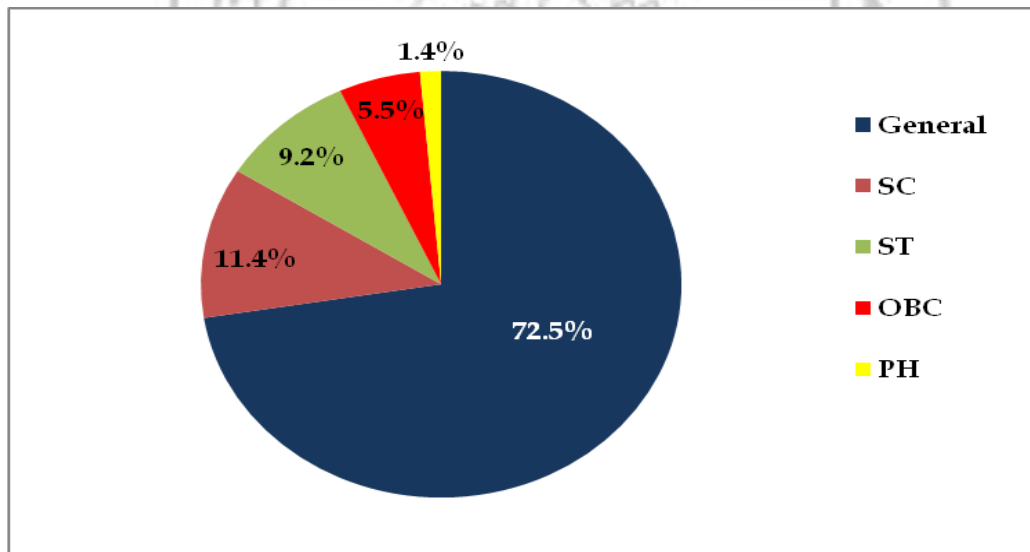
Department/School	No. of Students Admitted	No. of Teachers (Permanent Only)	Student : Teacher Ratio
The Law School	79	06	

Students Admitted in the teaching departments of the University.

Faculty	Male	Female	Total
Arts	99	242	341
Sciences	53	176	229
Life Sciences	24	122	146
Mathematical Sciences	50	90	140
Social Sciences	95	240	335
Education	37	125	162
Law	109	98	207
Business Studies	79	87	166
Total:			1726

Social Profile of the Students in Teaching Departments of the University 2020-21 (Enrolment)

Student	General	SC	ST	OBC	PH
Male	677	109	97	46	18
Female	1274	199	150	102	20
Total	1951	308	247	148	38

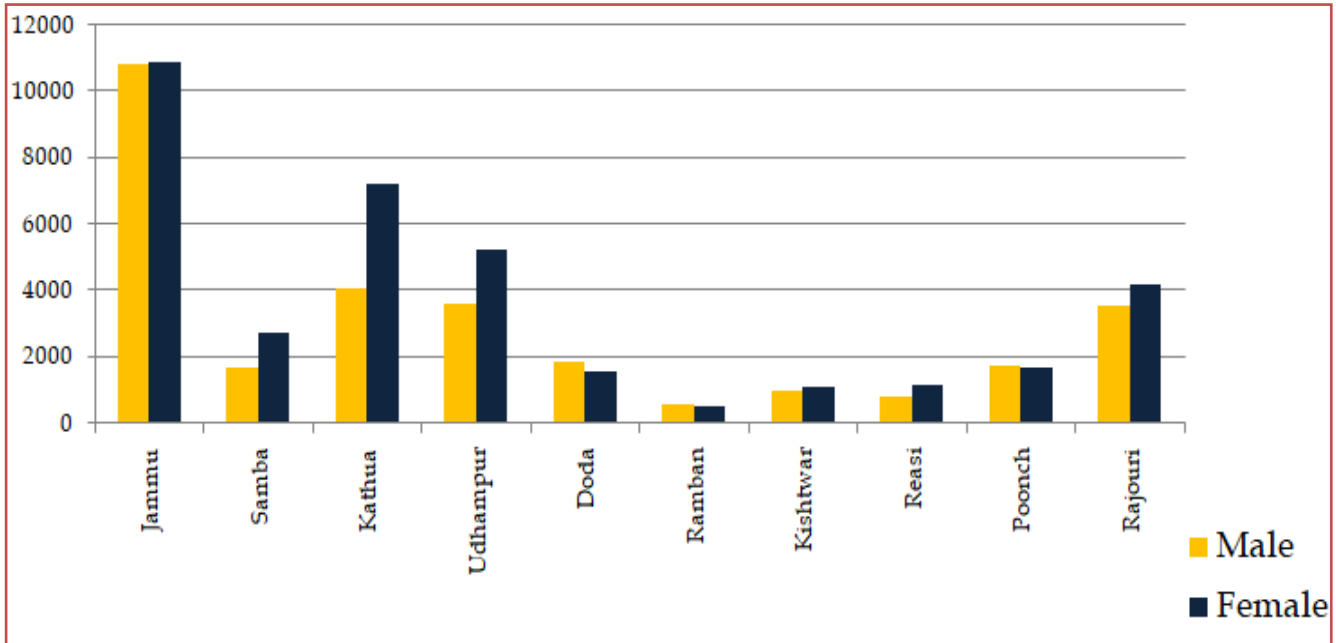


Student Enrolment in the Affiliated Colleges of the University (District-Wise) 2020-21

District	Male	Female	Total
Jammu	10809	10901	21710
Samba	1689	2752	4441
Kathua	4097	7207	11304
Udhampur	3624	5249	8873
Doda	1879	1564	3443
Ramban	561	539	1100

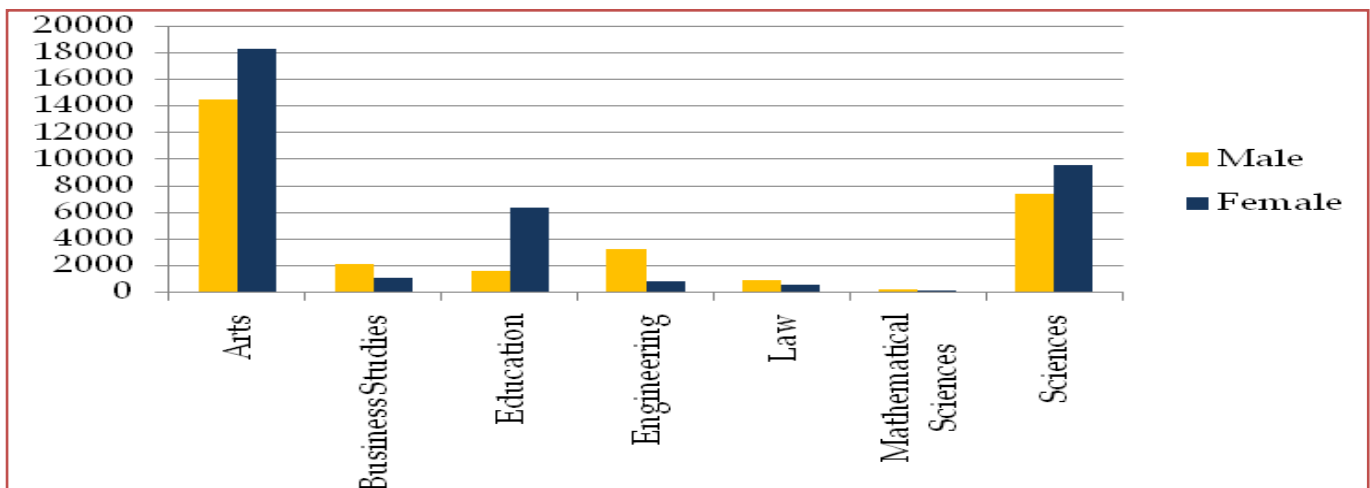
Kishtwar	970	1107	2077
Reasi	812	1184	1996
Poonch	1746	1666	3412
Rajouri	3546	4186	7732
Total	29733	36355	66088

Student Enrolment in the Affiliated Colleges of the University (District-Wise) 2020-21



Student Enrolment in the Affiliated Colleges of the University (Faculty-Wise) 2020-21

Faculty	Male	Female	Total
Arts	14464	18254	32718
Business Studies	2095	996	3091
Education	1538	6282	7820
Engineering	3178	736	3914
Law	878	488	1366
Mathematical Sciences	212	79	291
Sciences	7368	9520	16888
Life Sciences	-	-	-
Total	29733	36355	66088



Meetings Held

University Syndicate:

University Council:

Academic Council: February 2021

Meetings of the Boards of Studies

Department	2020
Dogri	24.03.2021
Computer Science & IT	13.07.2021
Economics	26.07.2021
History	22.06.2021
Home Science	28.07.2021
Law	13.08.2021
Philosophy	09.09.2021
Political Science	15.06.2021
Psychology	24.06.2021
Botany	24.06.2021
Punjabi	08.06.2021
Remote Sensing & GIS	10.02.2021
School of Biotechnology	03.12.2021
Statistics	08.10.2021
Chemistry	10.01.2020
Commerce	07.02.2020
Education	05.03.2020 & 09.11.2021
Physics	28.02.2020
Sociology	17.02.2020
English	03.02.2020
Hindi	27.01.2021
Geography	22.06.2021
Journalsim & Media Studies	02.11.2021



Department of Buddhist Studies

The Department of Buddhist Studies was established in May 1987 at University of Jammu, and it was formally inaugurated on May 19, 1987 by the then Governor of Jammu & Kashmir State, Shri Jagmohan, the ex-officio Chancellor of University of Jammu.

Prof. M.L. Lakhanpal was the Hon'ble Vice-Chancellor at that time. Shri Jagmohan and Prof. M.L.Lakhanpal were instrumental in establishment of this Department. The vision behind establishing this Department as a distinguished Centre of teaching and research in Buddhist Studies in the northern most state was to preserve, sustain and disseminate the traditional Buddhist wisdom and the chequered history of its glorious past in Jammu, Kashmir and Ladakh regions, which happened to be the most prominent stronghold of Buddhism since the days of Ashoka and Kanishka.

The Department has been engaged in offering the Master's Degree Program as well as the Doctoral Degree Program since the inception of the Department. Buddhism stands for universal peace, compassion, tolerance, rational thinking and scientific orientation. The relevance of Buddhism in today's strife-torn world is far more than ever before. It is the inheritor of an old tradition and the creator of a new culture, besides being a treasure-trove of knowledge, value, wisdom and research.

The Department aims at bringing into light through research work - philosophical wisdom, cultural glory, art, architecture, iconography and archaeology of Jammu and Kashmir, which is presently languishing in oblivion.

Programmes offered by the Department

- M.A.
- Ph.D.

Interdisciplinary Programmes offered and details of departments/disciplines involved: Nil

Recognition/Accreditation of the programmes offered by the department (other than University): Nil

Thrust Areas of Teaching and Research

- Pali and Theravada Buddhism
- Buddhist History, Art, Architecture and Iconography
- History of Buddhism in India and Abroad
- Tantric Buddhism / Tibetan Buddhism

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Prof. Shohab Inayat Malik	Ph.D.	Professor		31

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Ashwani Kumar	Ph.D.	02

Dr. Rajesh Sharma	Ph.D.	01
Dr. Ekta Kumari	Ph.D.	01

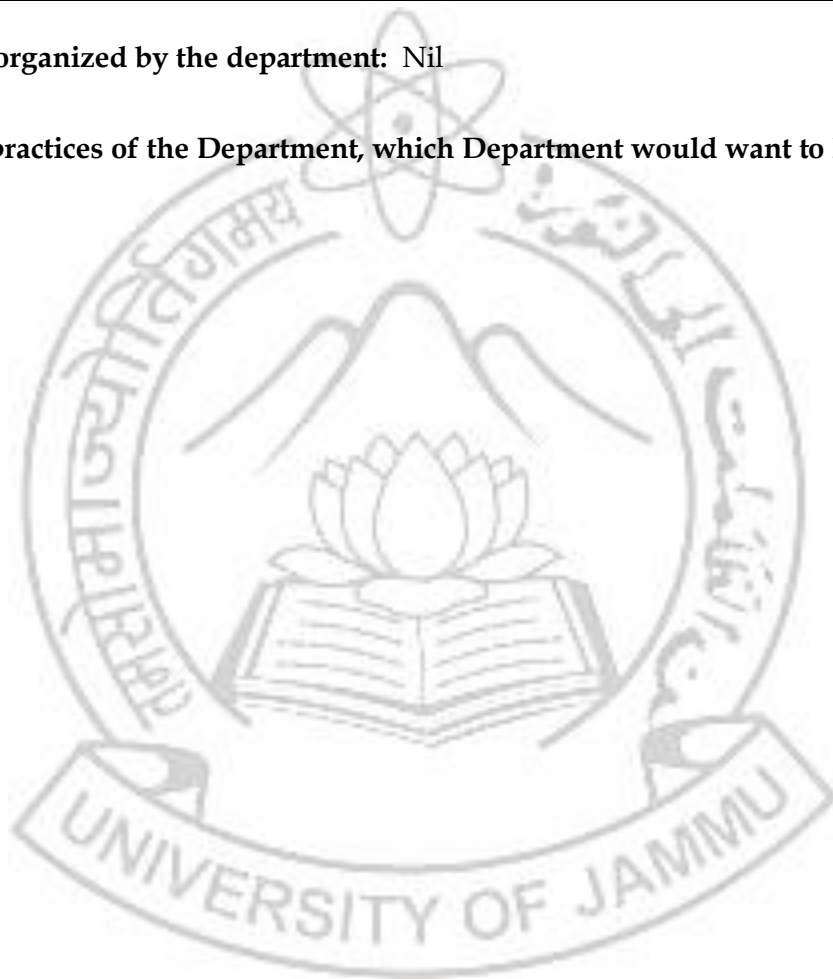
Research Projects including international projects and national collaborative projects: Nil

Details of Publications:

Name of the Author	Title of Paper/s
Dr. Rajesh Sharma	<ul style="list-style-type: none"> Buddhist signs at Tatapani and Tulmuchi in Kishtwar (J&K) : A Priliminary Study.

Activities/Events organized by the department: Nil

Healthy practice/practices of the Department, which Department would want to highlight: Nil



Department of Dogri

University of Jammu has the honour of being the only University in India which offers Post Graduate Programme in Dogri (language, literature and research). Research work on various aspects of Dogri language, literature, culture, history and folklore is being conducted by the Department.

The Post-Graduate Department of Dogri started its functioning in the University of as Dogri Research Cell in the year 1971 with one post of Senior Fellow in Dogri. During this period, Prof. Ram NathShastri, who was the Senior Fellow in Dogri made some important contributions in form of Dogri renderings of some valuable Sanskrit works. In 1975, this Research Cell was upgraded as Dogri Research Centre & Dr. Bal KrishanShastri joined as the first Director-cum-Senior Fellow in Dogri. The Research Centre produced quality research work in the field of Linguistics, Grammar, Literary Criticism, Poetics etc. One major research work entitled DogriNikasteVikas (Origin and Development of Dogri language) was completed by the then Director-cum-Senior Fellow Dr. Bal KrishanShastri and a book entitled "Hindi-Dogri Conversational Guide" written by Ms. Veena Gupta, Research Fellow-in-Dogri was also got published.

In August 1983, the Dogri Research Centre was upgraded as a post-graduate Department of Dogri. Since then, the department has been producing quality research work in the field of linguistics, grammar, literary criticism, poetics etc.

The Department takes the responsibility of providing research material to its students and scholars engaged in their research activities. In this connection, the Department has been publishing its Annual Research Journal, entitled DogriShodh since 1981. Till date, it has published 23 volumes.

Programmes offered by the Department

- M.A.
- M. Phil.
- Ph.D.

Thrust Areas of Research

- Dogri Linguistics
- Grammar, Folklore
- Translatology
- Literary Criticism etc.

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in Years
Dr. Shiv Dev Singh Manhas	Ph.D	Professor	Literature, Literary Criticism, folklore & Translation	32 years
Dr. Sushma Sharma	Ph.D	Professor	Literature, Literary Criticism, folklore & Translation	24 years

Name	Qualification	Designation	Specialization	Experience in Years
Dr. Padam Dev Singh	Ph.D	Assistant Professor	Literature, Literary Criticism, & Translation	4.5 years
Dr. Sandeep Dubey	Ph.D	Assistant Professor	Literature, Linguistics and Translation	5.5 years

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Radha Devi Sharma	Ph.D.	02

Guest Faculty: Nil

Details of Research Projects including international projects and national collaborative projects:
Nil

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Dr. Sandeep Dubey	<ul style="list-style-type: none"> • सात्रट संग्रह पैहलियां बांगां - पाठक दी नजर च. • जनवादी कवि, दीनूभाई पंत.

Activities/Events organized: Nil.

Healthy practice/practices of the Department, which Department would want to highlight: Nil

Department of English

The Post Graduate Department of English was one of the first three departments established in the University in 1965. The Department has been able to meet academic challenges and keep pace with the emerging trends in the fields of English language and literature and new areas of study have been introduced, in order to strengthen the academic activities in the department for various academic activities like Seminars and extension lectures.

The Department has in place Literary Club in which paper presentations, scholarly and literary discussions and performance are held on regular basis. The Scholars of the department have been published regularly contributing to various journals and books. They have also been participating in Seminar and Conferences at the national and international.

Programmes offered by the Department

- M.A.
- M.Phil.
- Ph.D.

Thrust Areas of Teaching and Research

- American Literature
- British Literature
- New Literatures in English
- Indian Writing in English
- Indian Literatures in Translation
- Literature of the Diaspora
- Gender Studies
- Post Colonial studies
- Literature and Films
- Dalit Literature
- Literary Theory and criticism
- Afro- American Literature
- Jewish American literature
- Literature of the Fourth World
- Folklore and Myths

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Satnam Kour Raina	Ph.D	Professor	Modern & Post Modern American Fiction & Indian Writing in English	24
Dr. Sucheta Pathania	Ph.D	Professor	American Literature and New Literature in English	24
Dr. Monika Sethi	Ph.D	Professor & Head	American Literature and New Literature in English	19
Dr. Sadaf Shah	Ph.D	Associate Professor	Indian Writing in English	13

Name	Qualification	Designation	Specialization	Experience in years
Dr. Ravinder Singh	Ph.D	Associate Professor	American Literature & Literary Theories	14
Dr. Garima Gupta	Ph.D	Associate Professor	Indian Writing in English, Communication skills	13
Mr. Pardeep Kumar	M.A	Assistant Professor	Indian Writing in English,	08

Recognition received by Faculty in Teaching/Research/ Advance Studies/Consultancy/Extension activities/others: Nil

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Pallavi Gupta	Ph.D.	05
Dr. Divya Sharma	Ph.D.	03

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Sucheta Pathania	<ul style="list-style-type: none"> Gender and Detective Fiction: A Feminist Study of Kishwar Desai's Witness the Night.

Activities/Events Organized:

- Department of English in collaboration with the Human Resource Development Centre (HRDC) University of Jammu organized a two-week online UGC Refresher Course for University and College teachers in English Language, Literature and Culture. The course was formally inaugurated by Prof. Manoj Dhar, Vice-Chancellor University of Jammu, who was also the chief guest of the occasion. Speaking on the occasion, he highlighted the importance of organizing such online courses amid the challenges posed by the COVID-19 pandemic. He also underscored the duties and responsibilities of teachers to update themselves in their areas of specialization. 31 teachers of various universities and colleges from both within and outside the State have participated in this Refresher Course.

Healthy practice/practices of the Department, which Department would want to highlight: Nil

Department of Hindi

जम्मू विश्वविद्यालय का हिंदी विभाग विद्यार्थियों के सम्पूर्ण विकास के लिए हमेशा सन्नद्ध रहा है। यह विभाग सन् 1965 से लेकर अब तक क्षेत्रीय, राष्ट्रीय और अंतर्राष्ट्रीय भाषा के रूप में हिंदी का विकास करने के लिए प्रयासरत है। हिंदी साहित्य और भाषा से जुड़े पाठ्यक्रम ने समय के साथ नए विकल्पों और विषयों को भी अपने में समाहित किया है, ताकि छात्र भविष्य में बेहतर रोजगार के अवसरों का लाभ उठा सकें। यह विभाग विद्यार्थियों को जड़ों से जोड़ता है, ज्ञान क्षेत्र का विस्तार करता है, मानव प्रकृति को समझने की प्रेरणा देता है, सृजन, विवेचन और मूल्यांकन की क्षमता का विकास करता है, भाषा प्रयोग की दक्षता बढ़ाता है।

हिन्दी विभाग का उद्देश्य विद्यार्थियों को भारत की गौरवशाली परम्परा, साहित्य एवं संस्कृति से अवगत कराना और वैश्विक स्तर पर हिन्दी साहित्यकारों के योगदान का प्रचार-प्रसार एवं साहित्य की संवेदना से परिचित कराना है।

हिन्दी स्नातकोत्तर विद्यार्थियों के लिए भाषा-शिक्षण, मीडिया, जनसंचार, पत्रकारिता, अनुवाद, सृजनात्मक लेखन, रंगमंच, विज्ञापन, हिन्दी कम्प्यूटिंग, हिन्दी अधिकारी, जनसम्पर्क अधिकारी आदि कार्यक्षेत्र खुले हैं। यहाँ अध्यापन का कार्य शोध कार्य में रुचि रखने वाले समर्पित अनुभवी प्राध्यापकों द्वारा किया जाता है, जो स्वयं को क्रियाशील बनाये रखने के साथ-साथ विभिन्न कार्यशालाओं, राष्ट्रीय और अंतर्राष्ट्रीय संगोष्ठियों में भाग लेते रहते हैं।

हिन्दी विभाग पाठ्यक्रम प्रशिक्षण के अलावा छात्रों के बौद्धिक, सामाजिक और सांस्कृतिक विकास के लिए सतत् प्रतिबद्ध है। इसके लिए विभाग द्वारा विभिन्न कार्यशालाओं, सम्मेलनों और संगोष्ठियों का आयोजन करवाया जाता रहा है। पाठ्यक्रमों के बीच संतुलन कायम रखते हुए यह विभाग एक ओर विद्यार्थी को समाज और समाज में घट रही घटनाओं के प्रति संवेदनशील बनाता है, वहीं व्यावसायिक पाठ्यक्रमों के संयोजन द्वारा उसके भीतर बाजार की माँग के अनुसार भी रुचि और कौशल विकसित करने में सहायता करता है। भाषा-शिक्षण की प्रविधियों में निरंतर नए प्रयोग करते हुए हिंदी विभाग विद्यार्थियों में शोध के प्रति उत्साह जगाने के लिए प्रयासरत है। विविध क्षेत्रों के विशेषज्ञों एवं साहित्यकारों को आमंत्रित करके हिंदी विभाग प्रतिवर्ष विद्यार्थियों को अपने अनुभव और ज्ञान के फलक को विस्तृत करने के अवसर प्रदान करता है।

विभाग भाषा और साहित्य के प्रति अपनी ज़िम्मेदारी को समझते हुए निरंतर शोध एवं शिक्षण को समानांतर रूप से महत्व देता रहा है। विभाग के प्राध्यापक विशेषज्ञता और अंतर-अनुशासनिक दृष्टि के साथ अध्यापन करते और प्रशिक्षण देते हैं तथा एक व्यापक मानवीयता के साथ कक्षा के भीतर और बाहर छात्रों के मार्गदर्शन के लिए तत्पर रहते हैं। रंगमंच और नाट्य विधा को समर्पित कार्यक्रमों का आयोजन भी विभाग का महत्वपूर्ण हिस्सा है। हिंदी विभाग द्वारा हिंदी साहित्य की विभिन्न विधाओं (कविता, कथासाहित्य, नाटक आदि) साहित्य के इतिहास, आलोचना, मीडिया एवं पत्रकारिता, भाषा-विज्ञान, अंतर अनुशासनिक अध्ययन आदि से जुड़े कार्यक्रमों का आयोजन समय-समय पर किया जाता रहा है जिससे छात्रों - शोधार्थियों को अध्ययन की व्यापकता के साथ-साथ भविष्य का चुनाव करने में भी सहयोग मिलता रहा है। हिन्दी विभाग से उत्तीर्ण छात्र अनेक क्षेत्रों में अपनी प्रतिभा से नाम रौशन कर चुके हैं। अनेक विश्वविद्यालयों, महाविद्यालयों और विद्यालयों में वे योग्य शिक्षक के रूप में सक्रिय हैं।

Programmes offered by the Department:

- M.A.
- M.Phil.
- Ph.D.

Thrust Areas of Research

- Hindi Language and Literature
- Comparative study of Literature and Language

- Hindi Katha Sahitya
- Modern Literary Trends
- Hindi Poetry
- Linguistics
- Folklore

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Prof. Parmeshwari Sharma	Ph.D.	Professor	Natak	28
Dr. Rajni Bala	Ph.D.	Associate Professor	Poetry	19
Dr. Parshotam Kumar	Ph.D.	Assistant Professor	Novel	11

Faculty Members appointed during the period (Open): Nil

Faculty Members Promoted (CAS): Nil

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Bhagwati Devi	Ph.D.	04

Guest Faculty: Nil

Details of Visiting Faculty (Ph.D Only) who has taught atleast one semester on full time basis: Nil

Details of Research Projects including international projects and national collaborative projects: Nil

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Dr. Rajni Bala	<ul style="list-style-type: none"> • Srijan Hi Dharm Hai Unka. • Shabdh Sadhak Dr. Narender Mohan. • Lambi Kavita: Drishti Aur Drishya Ki Tanavpurn Sanrachna.
Dr. Parshotam Kumar	<ul style="list-style-type: none"> • Samkalin sandarab mein andher nagri ki prasangita.

Innovative practice introduced in Academics/ Research/ Infrastructure/Outreach/extra mural/governance etc.

- Navgeet and Gazal and LambiKavita is introduced in Syllabus.

Healthy practice/practices of the Department, which Department would want to highlight

- Many Literary and Cultural programmes were organized along with Academic activities.



Department of Punjabi

The Department of Punjabi was established in 1972. The curriculum of the programme has been formulated in such a manner that a student pursuing the course not only learns about Punjabi language, literature but also understands the concept of Indian literature and world classics. The main objective of the Department has been to provide quality education and to acquaint the students/scholars with the latest techniques of teaching and research with professional competency.

Programmes Offered in the Department

- M.A.
- M. Phil.
- Ph.D.

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Baljeet Kour	Ph.D	Associate Professor	Drama & Literary Criticism	18
Dr. Harjinder Singh	Ph.D	Assistant Professor	Medieval Prose and Mata Criticism	08
Dr. Pritam Singh	Ph.D	Assistant Professor	Fiction & Culture	03

Faculty Members appointed during the period (Open): Nil

Faculty Members Promoted (CAS): Nil

Faculty Members Superannuated: Nil

Emeritus/Adjunct Professors: Nil

Recognition received by Faculty in Teaching/Research/ Advance Studies/ Consultancy/ Extension activities / others: Nil

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Harpreet Kour	Ph.D.	01

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Funding Agency	Amount Sanctioned (In lacs)	Status (Ongoing / Completed)
Jammu Kashmir Di Punjabi Lok Kahani: Vishleshan Ate Mulankan.	RUSA Phase-II	₹0.50 lacs	Completed

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Baljeet Kour	<ul style="list-style-type: none"> • Sapan Mala Di Kavita: Ik Adhiyan. • Narivaad Ate Aadhunik Aurat. • Vivhaarvadi Manovigyanak Samprdaye: Ik Adhiyan. • Dhami Di Kahani 'Malham' wich Desh Wand De Halataan Ton Upjay Taanay Baanay Da Mulaqnkan. • Sikh Samaj Vich Samajik Brabari Da Sankalp.
Dr. Harjinder Singh	<ul style="list-style-type: none"> • Assessment of Digital Literary Skills among the PG Students of the Department of Dogri and Department of Punjabi in the University of Jammu: A case study. • Santokh Singh Dheer Di Kaav Drishti. • The Contribution of Guru Nanak's Wisdom in the Present Scenario. • Ravinder Singh Ravi Di Khoj Drishti Da Mulyankan (Ram Kav De Visesh Parsang Vich).
Dr. Pritam Singh	<ul style="list-style-type: none"> • Samajik- Sabhiyacharak Sanktan Da Virtant: Chashmay Bulbul. • Lobana Sikh Community of Jammu and Kashmir: Historical Changes and Continuity. • Guru Nanak Dev Ji De 550 wain Parkash Purab Nu Samarjit Sheeraza vishesh Ank: Ik Jayeja. • Bikramjit Singh Di Naat Chetna: Kudrat Ke Sabh Bande De Parsang Ch.

Activities/Events organized:

- The Guru Nanak Chair, Department of Punjabi, University of Jammu and Post Graduate Department of Punjabi organized a one-day National Webinar on “Guru Nanak Dev Ji Di Darshnik Drishti”. Prof. (Dr) Jagbir Singh, former Head, Department of Punjabi, University of Delhi and currently the Chancellor, Central University of Punjab, Bathinda, who is a well-renowned scholar of Punjabi delivered a thought-provoking lecture on the aforesaid topic. Prof. (Dr) Singh highlighted the underpinnings of the philosophy, teaching, and the path of humanity, not only preached but also practiced throughout, by Shri Guru Nanak Dev Ji. Prof. Manoj K. Dhar, Vice-Chancellor, University of Jammu took a keen interest in the lecture and shared his insights on the topic. The Vice-Chancellor expounded that it is the essence of every religion that must be understood rather than the form of it. He emphasized that all the various religions are but different paths to the same destination; God.

Healthy practice/practices of the Department, which Department would want to highlight: Nil

Department of Sanskrit

Department of Sanskrit was established in the year 1963 under the affiliation of University of Jammu and Kashmir with a soul objective to promote Sanskrit in different sections of society. Later on, the Department got spitted into two universities. In the beginning, Department has only two teachers however, was increased to four in the next decade. According to U.G.C. Sanskrit Department of University of Jammu was commented upon as one of the prestigious Department since its inception, in north India. The Journey to the pinnacles of success of Sanskrit Department is owed to Professor Ved Kumari Ghai, Late Prof. Shambhu Nath Sharma, Prof. Kaushalya Walli, Prof. Ramprat, Late Prof. Mahesh Sharma, Dr. Uma Pandey and Prof. Jagir Singh. (Superannuated on Jan. 2010). Prof. Purshottam Sharma (April 2013), Prof. Sharada Gupta (Oct. 2013). The Faculty is Sincerely engrossed for the upliftment of teaching as well as research standards of the Department Several research projects in collaboration with International and National agencies have been got successfully completed by the teachers named Prof. Purshottam Sharma, Prof. Ramnika Jalali, Prof. Keadr Nath Sharma, Prof. Jagir Singh and Dr. Rambhadur Shukla. The Department is following the U.G.C. syllabi for the teaching of post graduate classes. Four specialization groups are being run in the department as literature and poetic, Epigraphy, Philosophy and linguistics. At present CBCS pattern is being followed. The syllabi for M.Phil. and Ph. D. level is framed according to NET syllabus based on UGC syllabi. A phonetic has been initially started in 1986 and established since 1997 for phonetic studies.

Programmes offered by the Department:

- M.A.
- M.Phil.
- Ph.D.
- Certificate Course on Jyotisha and Karmakanda.
- Certificate Course on Learning of Sharada Script.

Thrust Areas of Research

- Sanskrit Literature
- Indian Philosophy,
- Linguistics,
- Epigraphy etc

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Ram Bahadur	D.Phil.	Professor & Head	Poetics, Philosophy, Jyotish & Shastras	24
Dr. Kedar Nath Sharma (on deputation for three years)-	Ph.D.	Professor	Indian Poetics, Linguistics, Epigraphy & Philosophy	34

Name	Qualification	Designation	Specialization	Experience in years
w.e.f.03-04-2018				
Dr. Sushma Devi	Ph.D.	Professor	Indian Poetics, Epigraphy, Linguistics & Vastu Shastras	24
Dr. Vidhyadhar Singh	Ph.D.	Assistant Professor	Sanskrit Grammar, Linguistics, Vastushastra, Poetics	11
Dr. Pratibha	Ph.D.	Assistant professor	Veda, Grammar, Philosophy & Literature	11
Dr. Satyapriya Arya	Ph.D.	Assistant Professor	Grammar, Vedas, Philosophy and Linguistics	10
Miss Priyanka Arya	M.A., UGC NET	Assistant Professor	Sahitya, Vyakarana	01

Contractual Faculty in the Department

Name of the Faculty Member	Qualification	Experience in Years
Dr. Kamni Sharma	Ph.D.	02
Dr. Umesh Paudel	Ph.D.	3.5
Dr. Prince Sharma	Ph.D.	3.5

Collaborations/Linkages: Nil

Details of Research Projects (Major/Minor) Undertaken

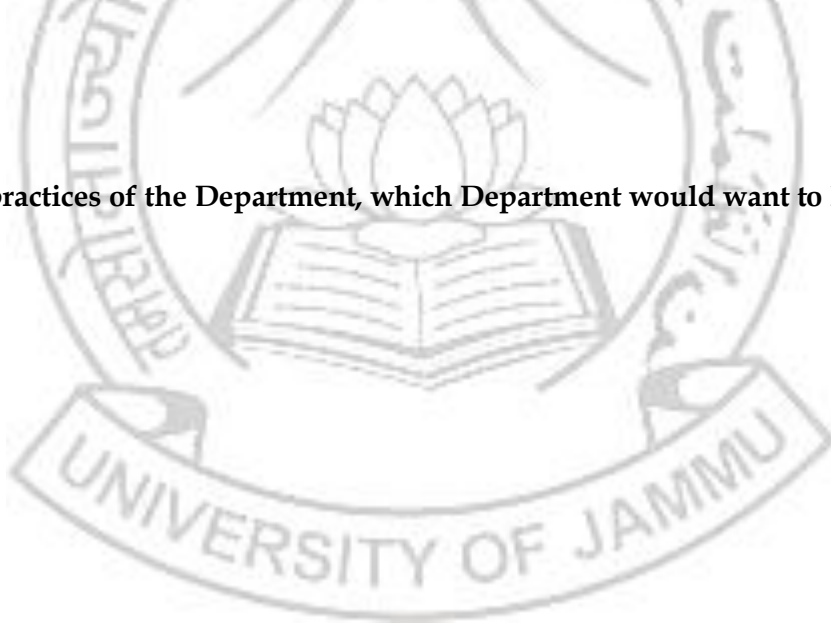
Projects Sanctioned by University of Jammu under RUSA				
Name of the Faculty Member	Project Title	Total Grants Sanctioned (In Lacs)	Duration	Status (Ongoing/ Completed)
Prof. Ram Bahadur	Kashmiri Sanskrit Grantho mei Varnit Rangmanch ki Avdharna	₹ 3.00	01 year	Completed
Prof. Sushma Devi	Jammu Kashmir ki lok kalayen-jammu Kashmir mein rachit sanskrit sahitya ke vishesh sandarbha mein.	₹ 2.90	01 year	Completed
Dr. Vidya Dhar	Brihatsamhita ka Vastushastriya Anushilana	₹ 0.50	01 year	Completed

Dr. Pratibha	Vyavaharaparak pramukh sanskrit shabdon ka artha vajjanik adhyayana	₹ 0.50	01 year	Completed
Dr. Satyapriya Arya	Uvvatkrit Yajurved Bhashya ke pratham dash adhyayon me prapt nirvachanon ka vyakaranashastriya adhyayana	₹ 0.50	01 year	Completed

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Sushma Sharma	<ul style="list-style-type: none"> गीतकार कवि अलमस्त.
Dr. Tirthraj Bhoi	<ul style="list-style-type: none"> The Place of Guru Tegh Bahadur in Indian History and Historiography. Kalhana's Rajatarangini and the Archaeological Sources for the Depiction of Buddhism in Jammu and Kashmir. Rock and Wooden Art and Architecture: A Case Study of Memorials Pillars from Bastar Region of Chhattisgarh. Tribes in the Administrative System of Jammu and Kashmir: Insight from Medieval Literature.

Healthy practice/practices of the Department, which Department would want to highlight: Nil



Department of Urdu

The Department of Urdu was established in the year 1965 as a full-fledged department of the Jammu Division of the erstwhile University of Jammu & Kashmir. At the initial stages of existence, the department was threatened by the non-availability of students and scholars and as such University Council had therefore to allow department to run its classes in the evening. This shift to the evening timing also enhanced the number of the students. With the passage of the time, research gained momentum and in 1972, the first scholar of the department was awarded Ph.D. Prof. Gian Chand Jain, internationally known scholar of Urdu language was the first Head of the Department and Prof. J.N Azad, later on glorified this department internationally.

Programmes offered by the Department

- M.A.
- M.Phil.
- Ph.D.

Thrust Areas of Research

- Shyeri
- Fiction
- Translation
- Journalism
- Criticism

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in Years
Prof. Shohab Inayat Malik	Ph.D.	Professor and Head	Fiction	28
Dr.Mohd Reyaz Ahmed	Ph.D.	Professor	Fiction and criticism	21
Dr Chaman Lal	Ph.D.	Assistant Professor	Poetry	10
Dr Abdul Rashid Manhas	Ph.D.	Assistant Professor	Fiction	10
Dr Farhat Shamim	Ph.D.	Assistant Professor	Fiction and Poetry	10

Contractual Faculty in the Department

Name of the Faculty	Qualification	Expeience in Years
Dr. Ajaz Hussain Shah	Ph.D.	6.5
Dr. Mohd Ali Shahbaz	Ph.D.	06
Mr. Abdul Qayoom Malik	Ph.D.	05
Dr. Razza Mehmood	Ph.D.	4.5

Collaborations/Linkages: Nil

Projects Sponsored by the University

Name of the Faculty Member	Project Title	Name of the Funding Agency	Total Grants Sanctioned	Duration	Status (Ongoing/ Completed)
Dr. Mohd. Reyaz Ahmad	Tehreek-E-Azadi Par Likhe Gay Urdu Aur Hindi Novel	Rusa 2.0 University of Delhi	3 Lakh	2 Year	Ongoing
Dr. Farhat Shamim	Barr -E-Sagheer Ki Khwateen Afsana Nigar-Fikri-O-Fanni Mutalia	NCPUL, Ministry of HRD, New Delhi	1 Lakh	2 Year	Ongoing

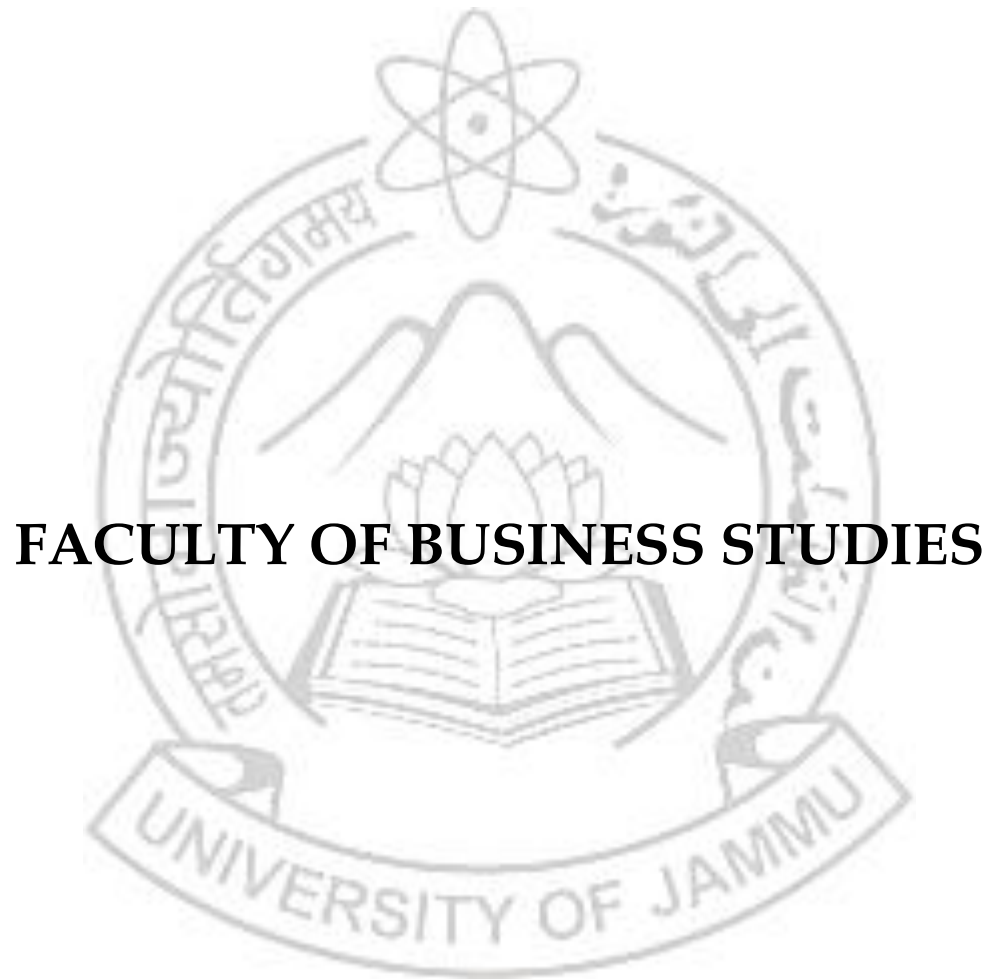
Details of Publications:

Name of the Author	Title of the Paper/s
Dr. Mohd Reyaz Ahmed	<ul style="list-style-type: none">• Fire Aera Tabqati Kashmasash ka Isteara.• Urdu Novel mai samaji o tehzeebi pehloo (Aazadi ke baad).• Paigam Aafaqi ki Novel Nigari.
Dr. Farhat Shamim	<ul style="list-style-type: none">• Iqbal Majeed behasiyat Afsana Nigar.• Hama Jihat Shaksiyat Ke Malik Nida Fazli.• Shahriyar Ki Shairi.

Activities/Events Organized:

- Department of Urdu, University of Jammu organized a webinar on the topic “Gulzar Ki Treweni”. The webinar was attended by various Urdu scholars from different parts of the world. The reputed Urdu poet and critic Dr. Taqi Abedi of Canada was the keynote speaker of the webinar. The webinar was presided over by Vice Chancellor of University of Jammu Prof. Manoj Kumar Dhar while Samporan Singh Gulzar a legendary poet, film maker and writer was the Chief Guest on the occasion. Speaking on the occasion, Gulzar Sahib complimented University of Jammu for organizing a webinar on his “Trewenis”. He lauded the efforts of Vice Chancellor of University of Jammu Prof. Manoj Kumar Dhar, who is working tirelessly for the upliftment of culture and language. Gulzar Sahib informed that recently he has translated some poetry in 24 languages of India and Pakistan. The book has been recently published and it is the result of his nine years of hard work. Gulzar Sahib enthralled the audience with his latest “Trewenis”. Prof. Manoj Kumar Dhar, Vice Chancellor of University of Jammu thanked Gulzar Sahib and Dr. Taqi Abedi for their special interest towards University of Jammu, which has surely uplifted the moral of the faculty and the students. He further said that it was a matter of great honour that University of Jammu was able to get the Golden Jubilee Celebrations inaugurated by Gulzar Sahib and after pandemic is over; University shall again request and extend invitation for valedictory function of Golden Jubilee celebrations.

Healthy practice/practices of the Department, which Department would want to highlight: Nil



Department of Commerce

The Department of Commerce established in the year 1964, has now been upgraded under Department of Research Studies Phase III ((DRS- SAP III) of UGC, with financial support of Rs. 90 Lacs for the period 2015-2020. The SAP (Special Assistance Programme) has helped the department to attain new heights in academics and research activities. The Department has developed a Computer laboratory with networking & Internet facilities. The library is equipped with wide array of books, international & national journals, dissertations and Ph.D. thesis. Faculty has been provided with latest research based softwares with desktop-TFT computers. The students have been employed in various central and state level prestigious jobs viz., Bank PO, KAS, Assistant Directors, Assistant Professors and corporate sectors like the Oswal Group, Thompson India Ltd., City Bank etc. At Global level, our students are placed in International Business Schools like the University of Louisville, USA; University of South Pacific, Fiji; University of Almaya and University of Addis Ababa, Ethiopia.

Mission

To prepare future professionals to flourish in the local, national and global markets by equipping with depth theoretical and practical knowledge in business education.

Objectives

- To provide high quality business education to the students and enable them to be confident & well-equipped with the knowledge and skill needed in the national and global markets.
- To provide extension services to the community in the form of the extension lectures, seminars and conferences on the most relevant topics.

Programmes offered by the Department

- M.Com.
- M.Phil.
- Ph. D.

Thrust Areas of Research

- Marketing
- Finance and
- Human Resource Management

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Neetu Andotra	Ph.D	Professor	Management, Marketing and Legal Issues in Business	33
Dr. Hardeep Chahal	Ph.D	Professor & Head	Marketing Management, Services management, Brand Management	26

Name	Qualification	Designation	Specialization	Experience in years
Dr. Jeevan Jyoti	Ph.D	Associate Professor	Strategic Human Resource Management and Entrepreneurship	16
Dr. Tarsem Lal	Ph.D	Sr. Assistant Professor	Accounting and Finance	16
Dr. Sunil Kumar	Ph.D	Assistant Professor	Taxation and Marketing	08
Dr. Harleen Kaur	Ph.D	Assistant Professor	Human Resource Management and Finance	11
Dr. Bodh Raj	Ph.D	Assistant Professor	Marketing	11

Contractual Faculty in the Department: Nil

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (In Lacs)	Status (Ongoing/ Completed)
Revisiting Women Entrepreneurship for Inclusive Growth: A Study of J&K State	ICSSR	₹ 8.50	Ongoing

Collaborations/Linkages

Prof. Hardeep Chahal	Prof Mahesh Gupta, Professor, School of Business Administration, University of Louisville, Louisville, USA
	Prof T C E Cheng, Faculty of Business, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong
	Prof Jochen Wirtz, School of Business, National University of Singapore, Singapore.
	Dr Vijay Pereira, Khalifa University, Abu Dhabi, UAE
	Dr Yama Temouri, University of Wollongong, Australia, Dubai Campus
Dr. Jeevan Jyoti	Dr. Vijay Pereira, Associate Professor, Khalifa University, Abu Dhabi
	Dr. Yama Temouri, Associate Professor, Wollongong University (Australia), Dubai Campus
	Prof Jochen Wirtz, School of Business, National University of Singapore, Singapore

Details of Publications:

Name of the Author	Title of the Paper/s
Dr. Tarsem Lal	<ul style="list-style-type: none"> Management of Non-Performing Assets (NPAs): Financial Distress Caused in Indian Banking Sector due to Covid-19. Investigating the factors affecting investment behaviour of mutual fund investors. Impact of financial inclusion on economic development of

Name of the Author	Title of the Paper/s
	<p>marginalized communities through the mediation of socio-economic empowerment.</p> <ul style="list-style-type: none"> • Impact of microfinance on economic empowerment of rural women. • Investigating the Causes and Impact of Child Labour on Growth and Development of Working Children in Jammu District of Jammu and Kashmir. • Perception of microfinance beneficiaries with regard to inclusive growth. • Impact of Coroavirus Pandemic on Future Economic Growth of India. • COVID- 19 and Challenges before the Microfinance Institutions. • Examining age-wise perception of Microfinance beneficiaries with regard to inclusive growth. • Impact of COVID-19 on non-performing assets in Indian Banking Sector. • Impact of COVID-19 pandemic on financial markets. • Managing the Impact of COVID-19 on Financial Services Industry.
Dr. Bodh Raj	<ul style="list-style-type: none"> • A Qualitative Investigation of Shopping Behavior of Customers at Bottom of the Pyramid
Dr. Jeevan Jyoti	<ul style="list-style-type: none"> • Assessing the impact of Human Resource Management practices on teachers' performance through HR analytics. • Cross-cultural training and adjustment through the lens of cultural intelligence and type of expatriates. • The role of job involvement and career commitment between person-job fit and organizational commitment: A study of higher education sector. • Sustainable Business Practices for Rural Development: Intellectual Capital Perspective. • Assessing the Validity of Employer Branding and Predicting Its Talent- Oriented Outcomes: An Employee's Perspective Published in Employer Branding for Competitive Advantage Models and Implementation Strategies.
Dr. Neetu Andotra	<ul style="list-style-type: none"> • Clustering, Targeting and Exploring Moderation in Intention-Purchase Behaviour among GIC Customers. • Environmental Turbulence, Government Support, and Organisational Performance: A Study of SMEs. • Exploring the mediation impact of innovation and adaptation to change in learning organisation performance outcomes. • De-Globalisation Institutional Preparedness and Entrepreneurship.
Dr. Hardeep Chahal	<ul style="list-style-type: none"> • Exploration of stakeholder marketing orientation and its impact on business performance in Indian pharmaceutical marketing companies. • How leader's proclivity and internal communication affect rural employees' attitude? • Moderating Role of Leader's proclivity and Internal Communication between Internal Marketing and Employees Job Attitude.

Name of the Author	Title of the Paper/s
	<ul style="list-style-type: none"> • Operations Management research grounded in the resource-based view: A meta-analysis. • Social media brand engagement: dimensions, drivers and consequences. • Exploration of stake holder marketing orientation and its impact on business performance in Indian pharmaceutical marketing. • Sustainable business practices for rural development: the role of intellectual capital. • Dimensionality of Internal Branding Scale in Higher Education: Non-teaching Employees' Perspective
Dr. Gurjeet Kour Sahi	<ul style="list-style-type: none"> • Harnessing Supply Chain Knowledge for Mitigating the Negative Effects of Bricolage. • How gratitude improves relationship marketing outcomes for young consumers. • Mitigating the tension in pursuit of operational ambidexterity: The roles of knowledge development and bricolage. • Service-profit chain and service triads: exploring the role of throughput orientation • The effects of strategic orientation on operational ambidexterity: a study of Indian SMEs in the industry 4.0 era.
Dr. Harleen	<ul style="list-style-type: none"> • Mediating role of utilization of financial products and services on the relationship between financial access and MSMEs growth in India. • Navigating COVID-19 crisis through digital payments: challenges and opportunities Published in Managing the Impact of COVID-19 on Financial Services Industry. • A new wave of digital payments: Understanding the MSMEs perspective. Digitalisation & Innovation in Business. • Cyber security strategies for financial system during COVID 19 pandemic Published in Managing the Impact of COVID-19 on Financial Services Industry. • Impact of Motivators on Innovation: An Empirical evidence from Jammu. • Role of Transformational E- HRM in Reducing Dysfunctional Conflicts in the Workplace. • Assessing the Impact of Financial Literacy on Firm Sustainability: Mediating Role of Financial Access and Firm Growth. • Emboldening the green practices during COVID-19 Published in Managing the Impact of COVID-19 on Financial Services Industry.
Dr. Sunil Kumar	<ul style="list-style-type: none"> • Smartphone induced behavior: Utilization, Benefits, Nomophobic and Perceived Risks (UNBR). • Modified ratio-cum-product type estimator under double sampling: A Simulation Study. • Simulation Study of Ratio Type Estimators in Stratified Random Sampling Using Multi-Auxiliary Information.

Name of the Author	Title of the Paper/s
	<ul style="list-style-type: none"> • Estimation of population mean using transformed auxiliary variable and non-response. • A difference-cum-exponential type efficient estimator of population mean. • A general class of estimators in stratified random sampling.
Dr. Tsering Yangzom	<ul style="list-style-type: none"> • Rural Poor and Non - Poor Households Differentials in Socio-Economic Characteristics: Evidence from the Cold Desert.

Activities/Events Organized:

- Department of Commerce in collaboration with HRDC, University of Jammu organized One Week Online Research Methodology Workshop. About 35 participants from various Universities and colleges from Delhi, Pondicherry, Nagaland, Gujarat, Maharashtra, Punjab, Himachal Pradesh and J&K participated. 15 sessions were conducted in this workshop by the resource persons from reputed institutes across India. Prof. Manoj Kumar (Chairperson MBA Programme, IIM Jammu) was the key resource person in the morning session of the first day. He divulged on various aspects related to research, like research characteristics, selection of research area and problem, writing of research proposals, roles and responsibilities of the supervisor and research scholars etc. He also talked about various qualities that a researcher such as endurance, patience, curiousness, vigilance etc. The session was very informative and interactive. Prof. Rishi Raj Sharma (Dean, Regional Campus, GNDU, Gurdaspur) was the key resource person in the post lunch session. He delved upon another important aspect of research methodology- sample. He made an elaborative discussion on sampling design, its types and also discussed the sampling errors using examples. He elaborated on the process of sample size and how it varies in different research areas and the sampling errors associated with the sample.
- The Department of Commerce, under its community engagement programme, visited Kusht Ashram Society, Baghwati Nagar Jammu to distribute blankets and winter clothing out of funds contributed by faculty, non-teaching, scholars and students of the Department. Blankets and winter clothing are distributed to 43 families of the Ashram, under Community Welfare Engagement Initiative. The management of the society appreciated the efforts of the Department in distributing the much needed requirements of blankets and other winter clothing to the needy families.

Healthy practice/practices of the Department, which Department would want to highlight

Faculty of the Department has been assigned different duties and been made in- charge to handle the problems of library, scholars and students.

The Business School

The Business School (TBS), University of Jammu (SAP DRS-II Department) earlier known as Department of Management Studies started its two-year full time Master Degree Programme in Business Administration (MBA) in the year 1986. Since the past 30 years, TBS has successfully made its mark in the field of management education and has earned prestigious credentials from various pioneer agencies like Association of Indian Management School (AIMS), The Week Hansa Research, Marketing and Development Research Associates (MDRA), India Today, Business Today, Dewang Mehta 'Excellence in Education Award' etc. These awards and recognitions constantly strengthen the acknowledgment of the department's constant endeavor of building up its capabilities to generate and share knowledge that contributes significantly towards the institution building. The faculty members of TBS have played an important role in the acclamations as they have internationally published research to their credit. The Business School has also focused attention on programmes like Management Development Programmes for management executives in various corporates, Entrepreneurship Development Programme amongst the students and budding entrepreneurs and Social Immersion Programmes as an extension activity. Continuing with the tradition of striving for excellence, The Business School is ranked amongst top 100 management institutions of the country by NIRF-MOE, 2020 and is accredited for its flagship MBA program by the prestigious National Board of Accreditation (NBA).

Programmes offered by the Department

- MBA
- PGDBM
- Ph.D.

Thrust Areas of Research

- Marketing
- Finance
- Human Resource Management
- Operations & Information Technology Management
- Tourism Management and Entrepreneurship
- Supply Chain Management

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Keshav Sharma	Ph.D., Post Doc.	Professor	General Management, Marketing	33
Dr. Neelu Rohmetra (On Lien)	Ph.D., Post Doc.	Professor	HRD, OB & Cross-Cultural Management	31
Dr. Versha Mehta	Ph.D., Post Doc.	Professor	Systems & Operations	33
Dr. Alka Sharma	Ph.D.	Professor	Marketing	28
Dr. Sameer Gupta	Ph.D.	Professor	Accounting & Finance	28
Dr. Vinay Chauhan	Ph.D.	Professor	Marketing, Research	18

Name	Qualification	Designation	Specialization	Experience in years
			Methods and Tourism	
Dr. Rajendra Mishra	Ph.D.	Associate Professor	Tourism Management, Human Resource	28
Dr. Amisha Gupta	Ph.D.	Assistant Professor	Accounting & Finance	16
Dr. Komal Nagar	Ph.D.	Assistant Professor	Marketing	15
Dr. Rachna	Ph.D.	Assistant Professor	Marketing and operations	13
Ms. Saloni Devi	MBA	Assistant Professor	Human Resource Management	10
Dr. Farah S Choudhary	Ph.D.	Assistant Professor	Finance and Marketing	9
Dr. Shelleka Gupta	Ph.D.	Assistant Professor	Marketing	3
Dr. Aubid Parrey	Ph.D.	Assistant Professor	Human Resource Management	3

Contractual Faculty in the Department

Name of the Faculty Member	Qualification	Experience in Years
Dr. Rajani Kumari Sarangal	Ph.D.	02
Dr. Payal Gandotra	Ph.D.	02
Dr. Garima Kohli	Ph.D.	11

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (In Lakhs)	Status (Ongoing/ Completed)
Investigating the Relationship among University Students' Social Media Multitasking, Academic Performance and Perceived Employability Prospects	Indian Council of Social Science Research (ICSSR)	₹ 8.50	Ongoing
Tourism Entrepreneurship for peace & development in J&K	Indian Council of Social Science Research (ICSSR)	₹ 7.00	Ongoing

Collaborations/Linkages

- Life Membership of Association of Indian Management Schools (AIMS).
- Institutional Membership of Confederations of Indian Industries (CII).
- Collaboration with IIMs for CAT (Common Admission Test).

Details of Research Projects (Major/Minor) Undertaken

Name of the Faculty Member	Project Title	Name of the Funding Agency	Total Grants Sanctioned (in Lacs)	Status (Ongoing / Completed)
Dr. Komal Nagar	Investigating the Relationship among University Students' Social Media Multitasking, Academic Performance and Perceived Employability Prospects	ICSSR	₹ 8.50	Ongoing
Dr. Farah S. Choudhary	Developing Scale for Analysis of Online Customer Review	Seed Grant for RUSA 2.0 by University of Jammu	₹ 0.50	Ongoing
Dr. Shelleka Gupta	Understanding the role of Social Networking Sites in Political Marketing	University of Jammu (Seed Grant Assistance under RUSA 2.0)	₹ 0.50	Ongoing

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Alka Sharma	<ul style="list-style-type: none"> In-Store Technology for Store Positioning and Store Loyalty.
Prof. Vinay Chauhan	<ul style="list-style-type: none"> Application of the extended theory of planned behavior to street-food consumption: testing the effect of food neophobia among Indian consumers. Branding Indian Cities as Smart Tourist Destinations in Tourism In Asian Cities. Enterprise resource planning systems implementation in online travel agencies. Environmentally sustainable consumer behaviour: a study of tourists visiting northern India.
Dr. Komal Nagar	<ul style="list-style-type: none"> An Examination of Gym Supplement Choice: Using the Modified Theory of Planned Behaviour. Can Maruti Suzuki's wagonr steer through the repositioning drive? Mediating Effect of WhatsApp Addiction between Social Loneliness and Preference for Online Social Interaction: A Cross-cultural Study. Modelling the Effects of Materialism, Ethics and Variety-Seeking Behaviour on Counterfeit Consumption of Young Consumers. Priming effect of celebrities on consumer response toward endorsed brands: an experimental investigation. Representation of women managers in hospitality and tourism: a content analysis of related magazine articles. The wellness zone headmasters salon and spa: managing growth. Using topdog versus underdog brand biography in advertising:

Name of the Author	Title of the Paper/s
	Effects of similarity and consumption decision of non-deceptive counterfeits.
Dr. Amisha Gupta	<ul style="list-style-type: none"> • Impact of Demographic and Socio-Economic Factors on credit Card Usage in Public and Private Banks. •
Dr. Saloni Devi	<ul style="list-style-type: none"> • Multivariate Analysis of Organizational Culture during Pandemic.
Dr. Rachna	<ul style="list-style-type: none"> • The role of social influencers for effective public health.
Prof. Sameer Gupta	<ul style="list-style-type: none"> • An Analytical Study of Performance of Indian Commodity Markets.
Dr. Farah Choudhary	<ul style="list-style-type: none"> • Novel Method for detecting DDoS Attacks to make robust IoT systems.

Activities Organized:

- The Business School, University of Jammu started one week Online Induction Programme for its 35th batch of MBA. Prof. Manoj. K. Dhar, Vice Chancellor, University of Jammu who was the chief guest on the occasion congratulated the fresh batch of students for getting admission into The Business School for the prestigious MBA program and highlighted achievements of University of Jammu in general and TBS in particular. He also impressed that during these two years of MBA program, the students should make maximum use of opportunities and facilities available at the University. The week long induction programme shall include industry experts, leading academicians and successful entrepreneurs. The program shall have two sessions daily consisting of one morning session and one afternoon session. During the induction programme, students shall be introduced to the various central facilities available in the university including Department of Student Welfare, Campus culture, Department of Physical Education, Central library and Hostels. Mr. Rakesh Shalla, a well known corporate consultant was the keynote speaker for the inaugural session.

Innovative practice introduced in Academics/ Research/ Infrastructure/Outreach/extra mural/governance etc.

- Syllabus revision with inputs from subject experts & corporate.
- Engaging people from corporate to conduct classes and interact with students on regular basis.
- Regular Alumni interaction and involvement for overall development of The Business School.
- NBA Accreditation has been granted initially for three academic years i.e from June 2019 to June 2022.

Healthy practice/practices of the Department, which Department would want to highlight

- Guest lectures from eminent academicians and corporate personalities arranged on regular basis to enlighten the students.
- Personality Development Workshop conducted for skill upgradation of the students by the department every year.
- Teaching-learning is not limited to lectures but many components like presentations; group discussion, role plays, industrial visits etc. are included.
- A strong network of the Alumni has been created by the School. The Business School holds Alumni Meet annually.

- Publications of the faculty members in high impact journals.
- Faculty visits foreign universities on frequent basis for workshops and conferences.
- State of the art infrastructure for students and scholars.



School of Hospitality and Tourism Management

University of Jammu started a two-year full time Master's Degree Programme in Tourism Management in the year 2001-2002. The programme was started as a part of the Department of Management Studies. Within four years of its existence, the programme was able to establish its own credentials among the academia and the industry. Looking into the success of the programme, University of Jammu established School of Hospitality & Tourism Management on 27th July 2005 with an objective to develop tourism professionals and promote research. In the year 2009, keeping in view the UGC requirements, the degree was renamed as Masters in Business Administration (Hospitality & Tourism). In the year 2010, BBA (Hotel Management) programme was introduced in the School to train the student in the hospitality sector. Recently, the Department started a new programme in PG Diploma in Global Destination Management. In pursuit of excellence, School of Hospitality and Tourism Management is committed to produce competent professionals, who are dynamic and responsible enough to assume office in various managerial and administrative cadres in various tourism and related organizations. Students from all over the country learn to channelize potential in the right direction and put up concentrated effort, which are well organized and implemented to give practical dimension to the theoretical aspects in Tourism Management.

Programmes offered by the Department

- BBA(Hotel Management)
- MBA(Hospitality and Tourism)
- Post Graduation Diploma in Global Destination Management
- Ph. D.
- Global Understanding Course

Thrust Areas of Teaching and Research

- Tourism Management
- Hospitality Management
- Peace Conflict Building
- E-Marketing
- Hotel Management
- Responsible Tourism

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Deepak Raj Gupta	Ph.D.	Professor	Statistics & Marketing	34
Dr. Parikshat Singh Manhas	Ph.D, PDF	Professor	Destination Branding	19
Dr. Anil Gupta	Ph.D.	Senior Assistant Professor	Marketing	15
Dr. Suvidha Khanna	Ph.D.	Assistant Professor	Tourism & Hospitality Management	13

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
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Dr. Priyanka Sharma	Ph.D.	07
Mr. Shubam Gupta	MBA	07
Mr. Gaurav Sharma	MBA	08

Details of Research Projects including international projects and National collaborative projects

Name of the Project	Agency	Amount Sanctioned (In lakhs)	Status (Ongoing / Completed)
Role of Social Entrepreneurship in Build of craftsmanship at conflict Riddon Tourist Destination	ICSSR, GOI	₹ 8.60	Ongoing

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Dr. Anil Gupta	<ul style="list-style-type: none"> • From technology adoption to consumption': Effect of pre-adoption expectations from fitness applications on usage satisfaction, continual usage, and health satisfaction. • Determinants of Tourists' Site-Specific Environmentally Responsible Behavior: An Eco-Sensitive Zone Perspective. • From technology adoption to consumption': Effect of pre-adoption expectations from fitness applications on usage satisfaction, continual usage, and health satisfaction. • Pro-environmental behaviour among tourists visiting national parks: application of value-belief-norm theory in an emerging economy context. • Social comparison and continuance intention of smart fitness wearables: an extended expectation confirmation theory perspective. • How pre-adoption expectancies shape post-adoption continuance intentions: An extended expectation-confirmation model. • Online travel review posting intentions: A social exchange theory perspective.
Dr. P S Manhas	<ul style="list-style-type: none"> • An empirical approach to investigate the impact of tourism on peace initiatives: Communitarian perspective. • Examination of impact of responsible tourism practices on quality of life of destination communities. • Organisational commitment, talent management and performance in hospitality industry. • Role of Social Entrepreneurship in Building Craftsmanship at Conflict - Hit Tourist Destinations: A Content Analysis. • Strategic Role of Religious Tourism in Recuperating the Indian Tourism Sector Post-COVID-19. • The Spillover Effect of Airport Service Experience on Destination Revisit Intention.

Name of the Author	Title of the Paper/s
Dr. Deepak Raj	<ul style="list-style-type: none"> • Online travel review posting intentions: a social exchange theory perspective.
Dr. Shelleka Gupta	<ul style="list-style-type: none"> • Branding Indian cities as smart tourism destinations. • Agri - Tech Start-ups: Transforming Indian Agriculture. • Investigating the impact of Customer Engagement on Customer Value in case of Mobile Travel Apps.
Dr. Suvidha Khanna	<ul style="list-style-type: none"> • Travel Motivations and Intention to Travel Post Covid-19. • Antecedents and Consequences of Social Media Multitasking among University Students. • Historical Progression of Luxury. • The Effect of Food Neophobia and Motivation on Ethnic Food Consumption Intention: Empirical Evidence from Jammu Region. • An Investigation of Structural Relationship between Destination Image, Motivation to choose Homestays, tourist Satisfaction and Destination Loyalty: A Case of Ladakh.

Detail of Activities/Events organized:

- The School of Hospitality & Tourism Management, University of Jammu continued with its lectures launched under International web lecture series in Tourism and Hospitality. Under this series, the following lectures were organized during the period under reference:
 - a) “Industrial Revolution 4.0 & Technology Interventions: Gearing up the T.E.D (Tourism, Experience and Destination)” by Prof. Parikshat Singh Manhas, University of Jammu and Dr Balasubramanian Kandappan, Associate Professor, School of Hospitality, Tourism and Events, Faculty of Social Sciences & Leisure Management, Taylor University, Malaysia.
 - b) “Bhartiya Concept of Tourism and its Contemporary Application” delivered by Sh. Mukul Kanitkar, National Organising Secretary, Bharatiya Shikshan Mandal and Prof. Parikshat Singh Manhas, University of Jammu.
 - c) “MICE will Rise! Hospitality and Events Industry Perspective” by Prof. Parikshat Singh Manhas, University of Jammu and Dr. Ruth Sabina Francis, Programme Director, School of Hospitality Tourisms and Events, Faculty of Social Sciences and Leisure Management, Taylor’s University, Malaysia.
 - d) “Sustainability & Tourists Gaze” by Prof. Parikshat Singh Manhas, University of Jammu and Dr. Bada Mohammed, School of Hospitality Tourisms and Events, Faculty of Social Sciences and Leisure Management, Taylor’s University, Malaysia.
 - e) “Graduate Roles in Hospitality Industry Post COVID-19” by Prof. Parikshat Singh Manhas, University of Jammu and Prof. Scot Richardson, Executive Dean and Associate Professor, The Emirates Academy of Hospitality Management, Dubai, UAE
- Prof. Parikshat Singh Manhas, School of Hospitality and Tourism, University of Jammu has been appointed as Co-Leader of the Organizing Committee at the international level of a major

initiative of UNWTO Affiliate Members Working Group on Tourism and Culture Synergies. The purpose of this initiative is to map best practices in terms of synergies between tourism and culture by stakeholders in destinations at the local/regional level in all UNWTO regions. The recommendations adopted by the participants at the four World Conferences organized jointly by UNWTO and UNESCO between 2015 and 2019 will serve as a reference framework. The Working Group on Tourism and Culture Synergies is led by the World Centre of Excellence for Destinations and five other Affiliate members George Washington University, Chameleon Strategies, CETT, Turisme de Barcelona, Université du Québec à Montréal. The aim of this working group is to align efforts within Affiliate Members to actively contribute to the implementation of the commitments and actions outlined in declarations adopted by four UNWTO/ UNESCO World Conferences on Tourism and Culture. In order to create a roadmap to guide their efforts, the working group is going to conduct an online survey in the Fall 2020. Other members of this Organizing Committee are from Canada, Spain, USA, Cameroun and Morocco including the UNESCO chair from Spain.



International Centre for Cross Cultural Research and Human Resource Management (ICccR & HRM)

International Centre for Cross Cultural Research and Human Resource Management (ICccR & HRM) was established in the University under the aegis of Faculty of Business Studies (erstwhile Faculty of Management Studies) in 2008. The mission of the Centre reads as: *“Developing People with Ultimate Flexibility”*.

The objectives of the Centre are to:

- Promote international cooperation in education and research;
- Run Post-Graduate Certificate/Diploma/Degree/Doctoral programmes in the area of Cross Cultural Management, International Management/ Business and Human Resource Management;
- Undertake joint research projects;
- Organize visits and exchange programmes;
- Organize seminars/workshops/conferences on the Subject;
- Conduct Management Development Programs/ Trainings.

Programmes offered by the Department

- MBA (International Business)
- Post Graduate Diploma in Composite Culture Management (PGDCCM)
- 3-months' Certificate Courses in:
 - Business Communication Skills
 - Entrepreneurial and Project Management Skills
 - Cross-Cultural International Management
 - Human Resource Management Practices and Labour Laws
 - International Perspectives of Marketing Management
 - International Business and Foreign Trade

(These courses are offered keeping in view the minimum number and financial viability as per University norms)

- PhD (International Business)

Thrust Areas of Research

- Academic Entrepreneurship and Innovation
- Organization Climate and Work Ethics
- Cross-Cultural Competencies and Organizational Management.
- Multiculturalism, Cultural Intelligence and Innovation
- Global Careers
- Intra-national diversity research
- Global mindsets
- Leadership issues across Cultures
- Enterprise and Entrepreneurship
- Human Resource Management and Skill Development
- Knowledge Creation and Transfer

- Diversity Management Studies
- Other Extension, Outreach and Peace Building

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Pallvi Arora	Ph.D.	Assistant Professor	Human Resource Management, Marketing Management, OB and Cross-Cultural Management	07
Dr. Isha Sharma	Ph.D.	Assistant Professor	Human Resource Development, OB and Strategic Management	07

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Bhanu Pratap Singh	Ph.D.	14
Dr. Vishal Sharma	Ph.D.	04
Dr. Shivani Rana	Ph.D.	05
Dr. Neha Gupta	Ph.D.	6.5
Dr. Swati Sharma	Ph.D.	1.5

Details of Research Projects including international projects and national collaborative projects:

Nil

Collaborations/Linkages

Collaborative initiatives with the following institutions have been undertaken by International Centre for Cross Cultural Research and Human Resource Management (ICccR & HRM), University of Jammu for the benefit of the students, research scholars and faculty members at ICccR & HRM, University of Jammu:

- Indian Institute of Foreign Trade (IIFT), Kolkata Campus
- Shri Vishwakarma Skill University, Gurugram, Haryana
- Chamber of Commerce and Industry, Jammu
- VISION-2021 (Entrepreneurial mentoring)
- Confederation of Indian Industries, CII-Jammu (under consideration)
- ICccR & HRM has collaborated with Jammu Startup Community that supports entrepreneurship and start-ups in Jammu. Their resource network consistently interacts with the students at the International Centre and builds a strong industry-academia interface.
- ICccR & HRM is also in the process of collaborating with Central University of Pondicherry for starting exchange programmes for students of the MBA (International Business) Programme.

- ICccR & HRM has also engaged with World Trade Centre, Noida for facilitating joint industry programmes in training, research projects, innovation, industrial visits and entrepreneurship.

Details of Publications:

Name of the Author	Title of the Paper/s
Dr. Pallvi Arora	<ul style="list-style-type: none"> • Acknowledging gender diversity and inclusion as key to organizational growth: A review and trends. • Institutional interventions for enhancing innovation amongst students: The experiential moderator. • Redefining, relooking, redesigning, and reincorporating HRD in the post Covid 19 context and thereafter.
Dr. Isha Sharma	<ul style="list-style-type: none"> • Towards Atmanirbhar Bharat Abhiyan through Skill Development and Entrepreneurship: A Review. • Integrating Skill Based Education in Higher Education Sector: Transitioning from Academia to Workplace. • Learning, Professional Identity Development and Skill Development: Initiatives towards Future Workforce. • From Human Resource Development to National Human Resource Development: Role of Skill Development. • Institutional Memtorship In India: Rescripting Historic Mentorship through Innovative Mentor- Mentee models.

Activites/Events organized:

- International Centre for Cross Cultural Research and Human Resource Management, University of Jammu hosted Dr. Arunava Narayan Mukherjee, Executive Director and Strategic Consultant, Bonhomie India Ltd. under Industry - Academia Connect Series for students of MBA (International Business), wherein the pre-requisites for 'Immersing in Corporate World' were deliberated by the resource person. The talk revolved around the importance of corporate agility, creation of 'We' over 'I' environment and post emergent corporate landscape. The resource person threw light upon the need for future leaders to prepare themselves with several skills to best suit to dynamism of the global business environment.

Innovative practice introduced in Academics/ Research/ Infrastructure/Outreach/extra mural/governance etc.

- Student engagement for creating a positive change
- Research based teaching
- Encouraging student involvement in research

Healthy practice/practices of the Department, which Department would want to highlight

International Centre for Cross Cultural Research and Human Resource Management has started an in-house '**Mentorship Program**' with the objective of creating a rich and holistic learning experience for mentees (students) through the faculty (mentors). It acts as a facilitator for exchange of knowledge

and ideas, sharing of interests as well as working towards the professional development of the participants.

Also, the **Management Club** activities alongwith the Self-Development Exercises are a significant feature at ICcR & HRM, University of Jammu aimed at the transformative personal development of the students.





Department of Education

Department of Education was established in the year 1973. Initially, the Department had started M.Ed. class of one year duration with an intake capacity of 25 students. Later on, M.A. Education programme of two-year duration was started in 1978 with an intake capacity of 50 students. The distinguishing feature of Department is that DRS-II has been granted to it under Special Assistance Programme (SAP) by UGC for the period 2018-23. Many students of the Department have cleared UGC-NET/JRF and have been absorbed in various teaching departments of the State as well as Central Government. The educational programmes of the department are innovative and methodologically unique. The department provides quality teaching, practical experience, school internship and a unique chance to share and develop the vision, knowledge, initiative and critical thinking needed to meet professional challenges and community needs.

Moreover, the Department has initiated to train Teacher Educators of different colleges of education affiliated to University of Jammu on constructivist approach and has adopted the Government Girls Higher Secondary School, Satwari, Jammu to develop it as a Model institution of Excellence in the Region.

Programmes offered by the Department

- MA (Education)
- M.Ed.
- M.Phil.
- Ph.D.

Thrust Areas of Research

- Special Education
- Curriculum Studies (Comparative and Cross Cultural Studies)
- Teacher Education (Pedagogic and ICT)

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Mubarak Singh	Ph.D.	Professor	Special Education, Research Methodology, Teacher Education	33 Years
Dr. Renu Nanda	Ph.D.	Professor	Teacher Education, Non-Formal Education, Educational Technology	23 Years
Dr. Rajeev Rattan Sharma	Ph.D.	Professor & Head	Comparative Education, Cross-Socio-Cultural Studies, Application of ICT in Teaching Learning Process	25 Years
Dr. S.K.Panda	Ph.D.	Assistant Professor	Educational Statistics, Contemporary Issues in Education, Distance Education	14 years

Name	Qualification	Designation	Specialization	Experience in years
Dr. Kajal Devi Manahas	Ph.D.	Assistant Professor	Special Education, Psychological Foundation of Education, Teacher Education	16 years
Ms. Minakshi Chaudhary	MA (Education & Hindi)M.Ed., UGC-NET	Assistant Professor	Educational Technology, Research Methodology	11 Years

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Ana Bali	Ph.D.	04
Dr. Anuradha Rani	Ph.D.	05
Dr. Sheetal Sharma	Ph.D.	02

Collaborations/Linkages:

- Collaborations with Central University of Jammu and Samagra Shiksha Abhiyan, Jammu for academic exchange.

Details of Research Projects (Major/Minor) Undertaken

Name of the Faculty Member	Project Title	Name of the Funding Agency	Amount Sanctioned (In Lakhs)	Status (Ongoing/ Completed)
Prof. Mubarak Singh	Special Assistance Programme (DRS-II)	UGC	₹ 55.00	Ongoing
Dr. S.K Panda	Integration of Information and Communication Technology (ICT) into B.Ed. Curriculum – A study	RUSA, University of Jammu	₹ 0.50	Ongoing
Prof. Renu Nanda	Higher Education and Social Background of Scheduled castes (SC) and Scheduled Tribes (ST) girl students of Jammu and Kashmir State	The Maharaja Sayajirao University of Baroda	₹ 6.23	Ongoing

Details of Publications:

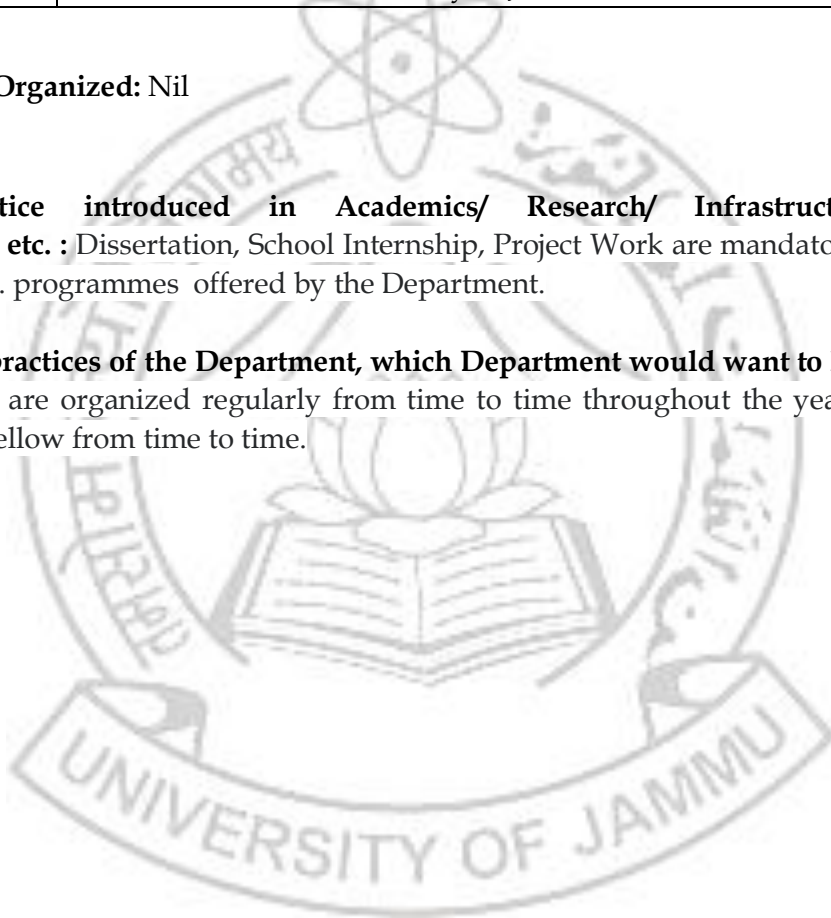
Name of the Author	Title of the Paper/s
Dr. S.K. Panda	<ul style="list-style-type: none"> • Role of District Institute of Education and Trainings (DIETS) in Promoting Teaching-Learning Transactions at Elementary School

Name of the Author	Title of the Paper/s
	Level. <ul style="list-style-type: none"> • Perceptions of Teacher Educators towards School Internship in Two Year B.Ed Programme: A case Study of University of Jammu. • Perceptions of Post Graduate Students towards Massive Open Online Courses (MOOCs).
Prof. Renu Nanda	<ul style="list-style-type: none"> • Reimagining professional and vocational education for excellence with special reference to National Education Policy 2020. • A study of infra-structure facilities of teacher training institutions of some selected districts of Jammu division. • Promoting Research, Innovation and Excellence: An unrelenting endeavor of University of Jammu.

Activities/Events Organized: Nil

Innovative practice introduced in Academics/ Research/ Infrastructure/Outreach/extra mural/governance etc. : Dissertation, School Internship, Project Work are mandatory in both the M.A. Education & M.Ed. programmes offered by the Department.

Healthy practice/practices of the Department, which Department would want to highlight
 Extension lectures are organized regularly from time to time throughout the year. The Department also has Visiting Fellow from time to time.



Directorate of Sports and Physical Education

The Directorate of Sports and Physical Education was established in the University in the form of a Directorate with no academic Courses being conducted by it. The primary objective of the Directorate was to monitor and conduct Inter- Collegiate tournaments in various disciplines and ensure participation of University of Jammu Teams in Zonal and All India Inter- University Championships. The Campus Sports Activity was convened by the P.T.I Campus who worked under the direct supervision of the Chairman Campus Sports Committee and entrusted with the responsibility of conducting the Inter-Departmental Sports Competitions and prepare teams of the various P.G. Department for participation in the Inter Collegiate Championships.

The Directorate also becomes an Academic Department in the Session 2002-03 with the introduction of the B.P.Ed Professional Course of one year duration and M.P.Ed professional course of two years duration in the session 2007-08. Whereas, the Yoga Centre also merged with the Directorate from the session 2015-16. The vision of the Directorate is in the line with the quality policy of the University. The Directorate of Sports and Physical Education aspires to make the University of Jammu a Centre of Sports and attain academic excellence in the country.

Programmes offered by the Department

- B.P.Ed. Course (Two years) Semester System
- M.P.Ed. Course (Two years) Semester System
- One Year P.G. Diploma in Yoga

Thrust Areas of Teaching and Research

- Sports
- Games
- Physical Education

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Daud Iqbal Baba	Ph.D.	Director	-	-
Sh. Raj Kumar Bakshi	B.P.Ed, N.I.S	Coach	Cricket	11
Sh. Ravish Vaid	M.P.Ed, N.I.S	Coach	Table-Tennis	08
Sh. Gagan Kumar	M.P.Ed, N.I.S	Coach	Football	08
Sh. Vikas Karlopiya	M.P.Ed, N.I.S, NET	Coach	Volleyball	08
Sh. Jai Bharat	M.P.Ed, N.I.S, NET	Sports Supervisor	Wrestling	17
S. Padam Dev Singh	M.P.Ed, N.I.S, SET	Sports Supervisor	Hockey	17

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Mr. Harinderpal Singh	M.P.Ed.	05
Mr. Sanjay Verma	M.P.Ed.	02
Mr. Sanjeev sharma	M.P.Ed.	02

Collaborations/Linkages: Nil

Major grievances of students (if any) redressed: Nil

Innovative practice introduced in Academics/ Research/ Infrastructure/Outreach/extramural/governance etc.

- Sports Academies
- Yoga Camp
- Sports competitions with the collaboration of different Sports bodies of the State.

Healthy practice/practices of the Department, which Department would want to highlight

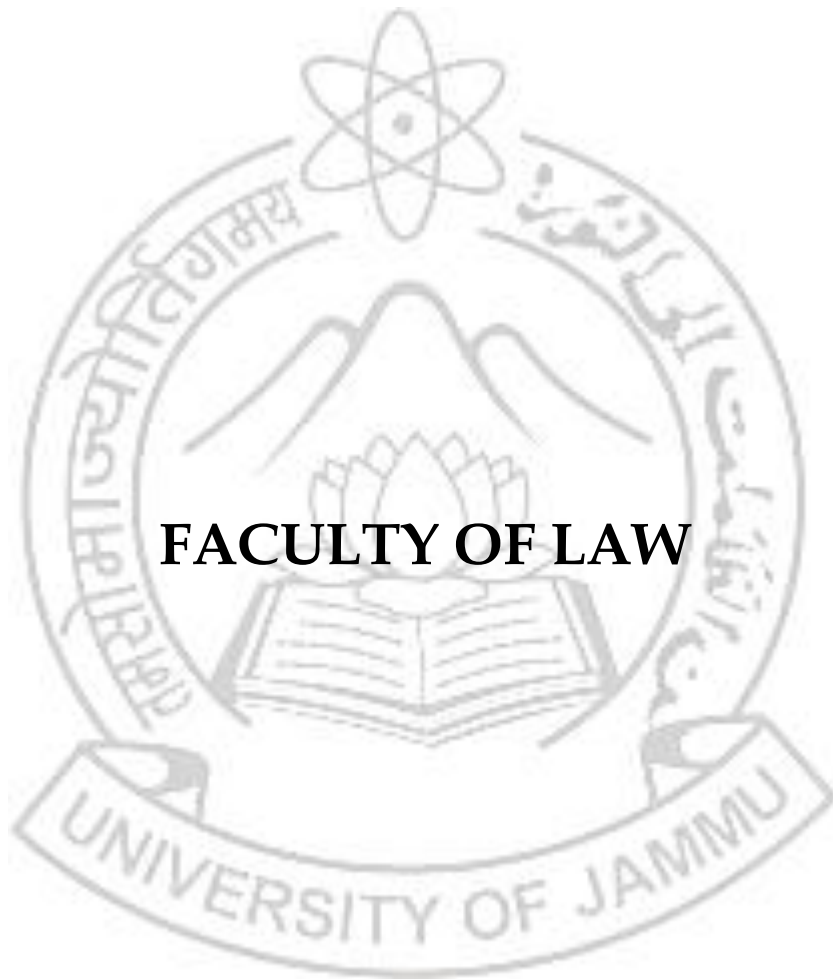
- Regular meetings of departmental bodies related to Physical Education.
- Regular meetings with the different college representatives for updation regarding Physical Education and Sports.
- Academic and Sports audit at the end of every semester/year.
- Help the players/students for technical training from other sports institutions.
- Very regular course curriculum updation.
- Good relationship with alumni seen by way of maintaining alumni data and their contribution/interaction with the department.
- Many guest lectures delivered by the experts from the Sports/Medical/Yoga institutions and academia
- Participation in Green Campus Task Force of the University of Jammu
- Promoting the fitness culture in the University of Jammu
- Always keep the Department/Directorate/Centre and Surroundings Clean

Activities/Events organized:

- Directorate of Sports and Physical Education, University of Jammu in collaboration with the 4 Rashtriya Rifles (RR) and Bhaderwah Campus organized 10 days long "Hiking & Trekking Expedition". 40 students from the University of Jammu, Bhaderwah Campus, Government Degree College, Bhaderwah; Government Degree College, Kilotran; Government Degree College, Kotranka; Government Degree College, Ramnagar; Government Degree College, R.S Pura; Government Degree College, Thanamandi; Government Degree College, Kalakot; Government Degree College, Bishnah; Government Degree College, Kathua, Government Degree College, Reasi & Government Degree College, Mishriwala were part of this trekking expedition. 2IC 4 Rashtriya Rifles was the chief guest for the valedictory function at Bhaderwah Campus which was attended by the officials from 4 Rashtryia Rifles, Bhaderwah Campus, University of Jammu, besides students of different affiliated colleges who participated in the expedition.
- The Directorate of Sports and Physical Education, University of Jammu celebrated 7th International Day of Yoga online at Google meet. Around 150 participants participated in the Yoga session including students and faculty of the University of Jammu and the members of civil society. Prof. Manoj Kumar Dhar, Vice-Chancellor, University of Jammu was the Chief

Guest on the occasion. Prof. Dhar in his address stressed the importance of yoga for mental and spiritual health and urged the participants to make yoga a part of their daily course as it helps one to realize one's potential to their fullest. Yoga is a discipline based on an extremely subtle science, which focuses on bringing harmony between mind and body. It is an art and science of healthy living. Yoga leads to perfect harmony between mind and body, man and nature, individual consciousness, and universal consciousness. Yoga is also useful in conditions where stress is believed to play a role.





Department of Law

The Department of Law was established in 1969 to impart legal education. The department offers the LL.B, LL.M, Doctorate in Law and Post Graduate Diploma in Criminology and Police Science. The Department in the future intends to offer the post graduate degree programme in Criminology and Police Science as well as some interdisciplinary post graduate diploma courses.

Programmes offered by the Department

- LL.B - 3 year (Professional)
- LL.M.
- Ph.D.

Thrust Areas of Research

- Constitutional Law
- Human Rights
- Environmental Law
- Family Law
- Labour Law
- Administrative Law
- Criminal Law
- Corporate Law

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in Years
Dr. Kulwant Singh	Ph.D	Professor	International Law, Human Rights & Refugee Law, Family Law, Constitutional Law	29 +
Dr. Arvind Jasrotia	Ph.D	Professor	Environmental Law, Human Rights	20
Dr. Sanjay Gupta	Ph.D	Associate Professor	Administrative Law, IPL, Law of Torts	20
Dr. Satinder Kumar	Ph.D	Associate Professor	Labour Law, Contract Law, Law of Torts	17
Dr. Manju Jamwal	Ph.D	Associate Professor	Family Law, Women & Law	17
Dr. Seema Nargotra	Ph.D	Assistant Professor	Constitutional Law, Election Law, Property Law	17

Name	Qualification	Designation	Specialization	Experience in Years
Dr. Savita Nayyar	Ph.D	Assistant Professor	Gender Issue, Criminal Law and Criminology, Constitutional Law, Human Rights	19
Mr. Mohd Arif	LL.M	Assistant Professor	Women Workers, Child Labour Society and Educationally Backward Classes/ ADR	10
Ms. Aarti Sharma	LL.M	Assistant Professor	Consumer Law, Insurance Law, Law of Torts, Environment Law	09
Dr. Vijay Sehgal	Ph.D	Assistant Professor	Constitutional Law	14
Mr. Raj Kumar	MBA-LL.M CS(Prof).	Assistant Professor	Business Law	06
Dr. Navdeep Kour Sasan	Ph.D	Assistant Professor	Intellectual Property Law	03
Dr. Sonia Aneja	Ph.D	Assistant Professor	Women & Law	03

Contractual Faculty in the Department: Nil

Details of Research Projects including international projects and national collaborative projects:
Nil

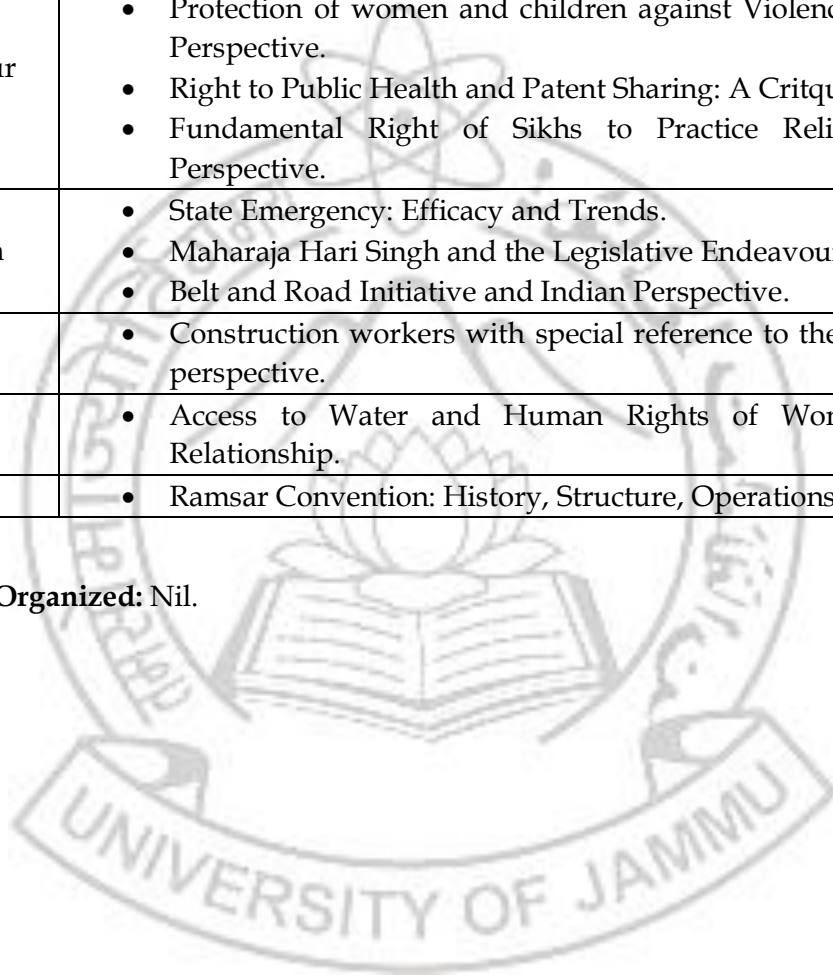
Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Arvind Jasrotia	<ul style="list-style-type: none"> Jammu and Kashmir water resources (regulation and management) act, 2010: An analytical snapshot with special reference to irrigation facilities. Juvenile Justice System in Jammu and Kashmir: A Status Report.
Dr. Raj Kumar	<ul style="list-style-type: none"> Dominance and Abuse of Dominance under the Competition Act, 2002. Horizontal Agreements under the Competition Act, 2002.
Dr. Mohd Arif	<ul style="list-style-type: none"> Working Wives and Restitution of Conjugal Rights under Hindu Marriage Act: Some Glimpses from Judiial Decisions. Judicial attitude Towards Victim's Participation in Administration of Criminal Justice in India; An analysis.

Name of the Author	Title of the Paper/s
	<ul style="list-style-type: none"> • Alternative to Litigations in India; An Empirical Analysis. • Working Wives and Restitution of Conjugal Rights under Hindu Marriage Act: Some Glimpses from Judiial Decisions.
Dr. Monika Bhardwaj	<ul style="list-style-type: none"> • Developing Strategies for biodiversity conservation with special reference to wildlife under threat in J&K. • Environmental federalism and its governance: Need of the hour. • Covid 19 and environment conservtion: Exploring the interlinkages. • Right to Healthy Environment as Human Right: Drawing Nexus. • Portrayal of woman in environment protection: An overview.
Dr. Navdeep Kour Sasan	<ul style="list-style-type: none"> • Protection of women and children against Violence: A Human Right Perspective. • Right to Public Health and Patent Sharing: A Critque. • Fundamental Right of Sikhs to Practice Religion in India: A Perspective.
Dr. Sanjay Gupta	<ul style="list-style-type: none"> • State Emergency: Efficacy and Trends. • Maharaja Hari Singh and the Legislative Endeavours. • Belt and Road Initiative and Indian Perspective.
Prof. Satinder Kumar	<ul style="list-style-type: none"> • Construction workers with special reference to their social security: a perspective.
Dr. Sonia Aneja	<ul style="list-style-type: none"> • Access to Water and Human Rights of Women: A Symbiotic Relationship.
Dr. Vijay Siagal	<ul style="list-style-type: none"> • Ramsar Convention: History, Structure, Operations, and Relevance

Activities/Events Organized: Nil.



The Law School

The Law School, University of Jammu offers B.A.LL.B (5Years) Professional Course and is duly approved by the Bar Council of India. The Faculty is deeply committed to offer an extraordinary legal education where theory and practice converge to provide our students rich and varied experience and prepare them to enter the coveted legal profession. Courses having an inter-disciplinary approach to law are taught by dedicated faculty and guest lectures are delivered by judges and advocates of repute. The Faculty keeps the inevitable need of the law students in mind and has the goal of bringing up perfect lawyers abreast with novel method of solving the problems related to the application of law. Moot Courts, Mock trials, Seminars, Tutorials, Extension Lectures, Guided Library sessions, Project presentation, Legal awareness and legal literacy camps, Police station and prison visits, court and chamber visits and other outreach activities are perennial features at The Law School and an integrated component of the law curriculum. The students have bagged coveted prizes in debates, quizzes, sports, cultural and other co-curricular activities. Our vision is to continue the leadership in the field of legal education and create a network where research and development in the field of law are optimised by expanding, outreaching and globalising the method and mode of our activities. The alumni of the The Law School includes the Munsiffs, Prosecuting Officers, JAG, IAS, KAS and other allied services, litigation and corporate field. Collectively our faculty, students and alumni comprise a dynamic intellectual community, engaged in inter-disciplinary exploration of cutting-edge questions of law and policy. The Law School endeavours to effectively integrate students into the legal profession so that they become equipped to fashion new ideas and approaches that will have a transformative impact on a changing world.

Programmes offered by the Department

- B.A. LL.B (5 years)
- P.G. Diploma in Human Rights and Duties Education (One Year)

Thrust Areas of Research

- RTI and Constitutional Law
- Human Rights
- Labour Laws
- Woman rights and internally Displaced Persons

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Prof. Satinder Kumar	Ph.D.	Professor	Labour Laws, Commercial Laws, Consumer Laws, Research Methodology	21
Dr. Seema Sharma	Ph.D.	Assistant Professor	Women & Law internally displaced persons	19

Name	Qualification	Designation	Specialization	Experience in years
Dr. Seema Rohmetra	Ph.D.	Associate Professor	Indian Political System and Gandhian Studies	19
Dr. Monica Narang	Ph.D.	Assistant Professor	Human Rights	19
Dr. Shubha Vats	Ph.D.	Assistant Professor	20 th Century American Fiction	17
Dr. Bindu Sangra	Ph.D.	Assistant Professor	RTI & Constitutional Law	05 years permanent & 10 years contractual

Contractual Faculty in the Department

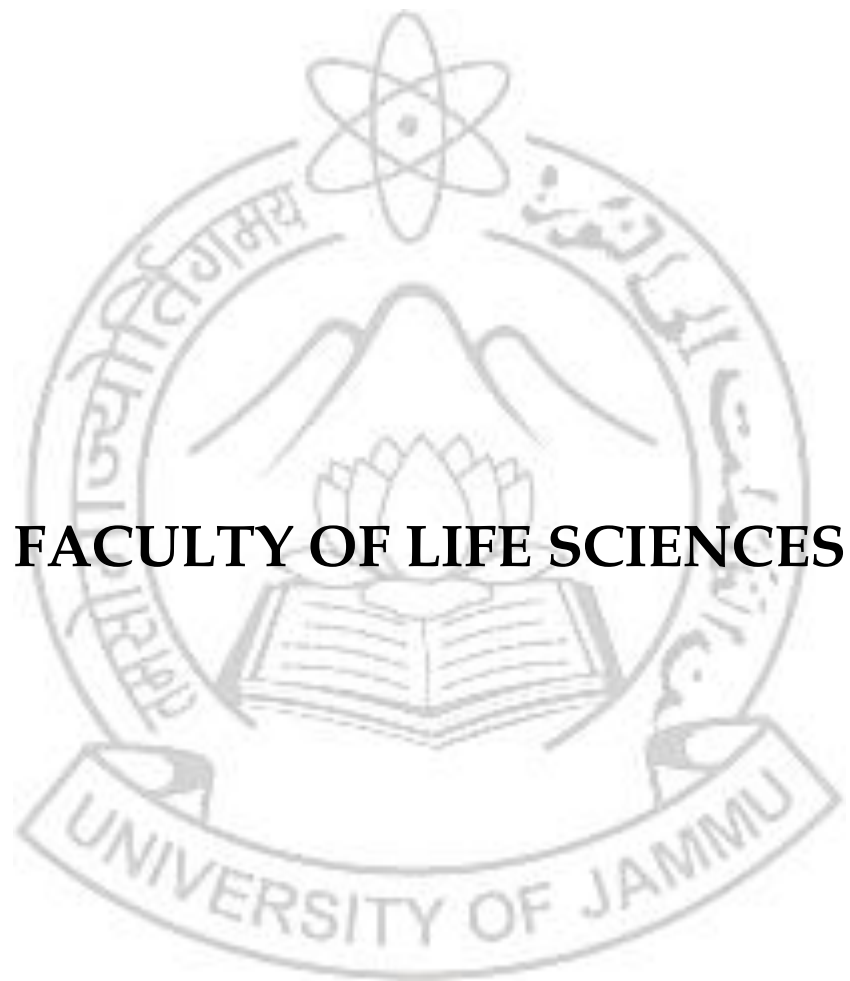
Name of the Faculty	Qualification	Experience in Years
Dr. Mrinalini Atrey	Ph.D.	18
Dr. Renu Jamwal	Ph.D.	19
Dr. Monica Bhardwaj	Ph.D.	08
Dr. Upasana Sharma	Ph.D.	08
Dr. Vandita Sharma	Ph.D.	05
Dr. Ramesh Kumar	Ph.D.	05
Dr. Rajneesh Khajuria	Ph.D.	14

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Seema Rohmetra	<ul style="list-style-type: none"> Contemporary Relevance of Mahatma Gandhi. Gandhian Perspective on Education and its reflections in National Education Policy 2020.

Activities/Events Organized: Nil.

Healthy practice/practices of the Department, which Department would want to highlight: Nil



School of Biotechnology

School of Biotechnology was established during 1998 with major funding received by the Department of Biotechnology (DBT), Govt. of India. The first batch of students was admitted to M.Sc. programme in 1999 on the basis of All India Entrance Examination, CEEB conducted by Jawaharlal Nehru University. The School has been ranked "A" by the DBT, on the basis of independent evaluation conducted at All India level. The School has a permanent faculty of 7 members who are actively engaged in teaching & research. The School of Biotechnology is supported by UGC-SAP, DST-FIST and DST (PURSE) program and is one of the major contributors to the teaching, research & development of University of Jammu in terms of curricula, research publications and extramural funding that are generated at individual and at departmental level. In addition, the School over the short period of time has been able to develop various collaborations at national and international level. Most of the faculty members have national and international network in the area of their specializations that not only contributes to their research but augments the teaching to post graduate students.

Programmes offered

- M.Sc. Biotechnology
- M.Sc. Biochemistry
- M.Sc. Microbiology

Thrust areas of Research

- Plant and Human Genomics
- Metagenomics
- Enzyme Biotechnology
- Plant Microbe interaction
- Bioprospecting of Biomolecules
- Cancer Signalling
- Conservation of endangered Plants
- Plant Molecular Biology
- Nano Biotechnology
- Drug Delivery
- Immunogenomic

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. M. K. Dhar	Ph.D.	Professor	Plant Genomics and Molecular Biology, Molecular Cytogenetics	29 years
Dr. Jyoti Vakhlu	Ph.D.	Professor	Microbial Biotechnology, Metagenomics	22 years
Dr. B.K. Bajaj	Ph.D.	Professor	Industrial Microbiology & Biotechnology	23 years
Prof. Sanjana Kaul	Ph.D.	Professor	Fungal Biotechnology, Microbial Diversity and Prospecting	19 years

Name	Qualification	Designation	Specialization	Experience in years
Dr.Madhulika Bhagat	Ph.D.	Sr.Assistant Professor	Natural drug discovery, Cancer biology, Nano Biotechnology (nanoparticals delivery).	15 years
Dr. Ritu Mahajan	Ph.D.	Sr.Assistant Professor	Plant Molecular Biology, Plant Tissue Culture	11 years
Dr. Nisha Kapoor	Ph.D.	Sr.Assistant Professor	Immunology	09 years

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Yaspal	Ph.D.	06
Dr. Simmi Grewal	Ph.D.	01
Dr. Puneet Mahajan	Ph.D.	01
Dr. Kavita Abrol	Ph.D.	06
Dr. Veenu	Ph.D.	02
Dr. Sunny Sharma	Ph.D.	01
Dr. Sakshi Sharma	Ph.D.	02

Details of Research Projects including international projects and national collaborative projects

Name of the Project / Endowments, Chairs	Name of the Principal Investigator/ Co Investigator	Agency	Year of Award	Funds Provided (In Lacs)	Status of the Project
To restraint or regulate the reproductive health issues of human from J&K region.	Prof.Manoj Kumar Dhar	ICMR-CAR	2019	₹ 140.00	Ongoing
DST-DAAD Project entitled "Comparative Transcriptomics of Crocus sativuscorm in presence & absence of pathogenic Fusarium Oxysporum".	Prof.Jyoti Vakhlu	DST,GOI	2017	₹ 12.16	Completed
To study molecular interactions of "Bacillus arybhatai antagonism towards Fusarium oxysporum corm rot of Crocus sativus L".	Prof.Jyoti Vakhlu	NMPB, New Delhi	2019	₹ 38.67	Ongoing
Characterisation of the Germ plasm and development of quality planting material in walnut	Prof. Sanjana Kaul	DST,GOI	2019	₹ 57.08	Ongoing
Bioprospecting fungal endophytes of some ethanomedicinal plants for bioactive	Prof. Sanjana Kaul	School of Biotechnology DBT - GOI	2016	₹ 49.80	Completed

Name of the Project / Endowments, Chairs	Name of the Principal Investigator/ Co Investigator	Agency	Year of Award	Funds Provided (In Lacs)	Status of the Project
metabolites.DBT,GoI					
Green Synthesis of Different Biodegradable nano particles for enhanced drug delivery of some phytoconstituents".	Dr. Madhulika Bhagat	SERB, DST,,GOI	2017	₹ 26.56	Completed
<i>In vitro</i> conservation and phytochemical analysis of <i>Curcuma zedoaria</i> Roscoe (safedhaldi): an undertilled medicinal plant".	Dr. Ritu Mahajan	NMPB, New Delhi	2017	₹ 31.26	Completed

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. M.K. Dhar	<ul style="list-style-type: none"> • A Comprehensive Transcriptome-Wide Identification and Screening of WRKY Gene Family Engaged in Abiotic Stress in <i>Glycyrrhiza glabra</i>. • A genetic analysis identifies a haplotype at adiponectin locus: Association with obesity and type 2 diabetes. • Assessment of Apple (<i>Malus × Domestica</i> Bark.) Germplasm of Kashmir Using RAPD Markers. • Characterization and overexpression of sterol $\Delta 22$-desaturase, a key enzyme modulates the biosyntheses of stigmaterol and withanolides in <i>Withania somnifera</i> (L.) Dunal. • Development of a system for efficient callus production, somatic embryogenesis and gene editing using CRISPR/Cas9 in Saffron (<i>Crocus sativus</i> L.). • Endophytic Fungi-Mediated Biocatalysis and Biotransformations Paving the Way toward Green Chemistry. • Engineering Host Microbiome for Crop Improvement and Sustainable Agriculture. • Neurotoxic Medicinal Plants of Indian Himalayan Regions: An Overview. • Neurotoxic Potential of Alkaloids from Thorn Apple (<i>Datura stramonium</i> L.): A Commonly Used Indian Folk Medicinal Herb. • Plant carotenoid cleavage oxygenases: structure–function relationships and role in development and metabolism. • Preliminary Pollen Analysis of Some Apple Cultivars in Kashmir: Towards Understanding the Apple Pollen Morphology. • Publisher Correction: A genetic analysis identifies a haplotype at

Name of the Author	Title of the Paper/s
	<p>adiponectin locus: Association with obesity and type 2 diabetes (Scientific Reports, (2020), 10, 1, (2904), 10.1038/s41598-020-59845-z).</p> <ul style="list-style-type: none"> • Review: Understanding Rare Genetic Diseases in Low Resource Regions like Jammu and Kashmir – India. • Tissue-specific transcriptional regulation and metabolite accumulation in tomato (<i>Solanum lycopersicum</i> L.). • Transcriptome analysis of Snow Mountain Garlic for unraveling the organosulfur metabolic pathway. • Transcriptome-wide identification of squalene epoxidase genes from <i>Glycyrrhiza glabra</i> L. : expression analysis and heterologous expression of GgSQE1 suggest important role in terpenoid biosynthesis.
Dr. Madhulika Bhagat	<ul style="list-style-type: none"> • A review on biomass-derived materials and their applications as corrosion inhibitors, catalysts, food and drug delivery agents. • Bioactive potential of <i>Cedrus deodara</i> (Roxb.) Loud essential oil (bark) against <i>Curvularia lunata</i> and molecular docking studies. • <i>Cedrus deodara</i> (Bark) essential oil induces apoptosis in human colon cancer cells by inhibiting nuclear factor kappa b. Chemical, biological and in silico assessment of <i>Ocimum viride</i> essential oil. • Convergence of therapy-induced senescence (TIS) and EMT in multistep carcinogenesis: current opinions and emerging perspectives. • Isothiocyanate and its contribution in the treatment of obesity. • Microwave assisted green synthesis of thiazolidin-4-one derivatives: A perspective on potent antiviral and antimicrobial activities. • Nanohydroxyapatite-, gelatin-, and acrylic acid-based novel dental restorative material. • Oncogenic BRAF, endoplasmic reticulum stress, and autophagy: Crosstalk and therapeutic targets in cutaneous melanoma. • Par-4 mediated Smad4 induction in PDAC cells restores canonical TGF-β/ Smad4 axis driving the cells towards lethal EMT. • Quercetin as an innovative therapeutic tool for cancer chemoprevention: Molecular mechanisms and implications in human health. • Review - Multifunctional Copper Nanoparticles: Synthesis and Applications. • Shielding effect on oxidative stress and immune modulating potential of Himalayan Musk Rose (<i>Rosa brunonii</i> Lindl.). • Utilization of Aqueous Weeds for Biofuel Production: Current Status and Future Prospects.
Dr. B.K. Bajaj	<ul style="list-style-type: none"> • A review on biotechnological potential of multifarious enzymes in bread making. • Bioprocess development for production of a process-apt xylanase with multifaceted application potential for a range of industrial processes

Name of the Author	Title of the Paper/s
	<ul style="list-style-type: none"> • Chemo-enzymatic approaches for consolidated bioconversion of Saccharum spontaneum biomass to ethanol-biofuel. • Design of experiments for enhanced production of bioactive exopolysaccharides from indigenous probiotic lactic acid bacteria. • Efficacy and functional mechanisms of a novel combinatorial pretreatment approach based on deep eutectic solvent and ultrasonic waves for bioconversion of sugarcane bagasse. • Efficient bioconversion of sugarcane tops biomass into biofuel-ethanol using an optimized alkali-ionic liquid pretreatment approach. • Multifarious cholesterol lowering potential of lactic acid bacteria equipped with desired probiotic functional attributes. • One pot consolidated bioprocess for conversion of Saccharum spontaneum biomass to ethanol-biofuel. • Phytochemical add-on therapy to DMARDs therapy in rheumatoid arthritis: In vitro and in vivo bases, clinical evidence and future trends. • Polyhydroxybutyrate as an eco-friendly alternative of synthetic plastics. • Probiotics in Pediatrics. • Valorisation of agroindustrial-residues for production of a potent thrombolytic protease from Aspergillus terreus SH72.
Prof. Jyoti Vakhlu	<ul style="list-style-type: none"> • Callus induction and high frequency organogenesis in saffron (<i>Crocus sativus</i> L.). • Comprehensive account of present techniques for in-field plant disease diagnosis. • Diversity of Rhizo-Bacteriome of <i>Crocus sativus</i> Grown at Various Geographical Locations and Cataloging of Putative PGPRs. • Establishment of <i>Agrobacterium rhizogenes</i>-mediated hairy root transformation of <i>Crocus sativus</i> L. • Evolution and Biology of CRISPR System: A New Era Tool for Genome Editing in Plants. • Field evaluation of PGP <i>Bacillus</i> sp. strain D5 native to <i>Crocus sativus</i>, in traditional and non traditional areas, and mining of PGP genes from its genome. • Metagenomic insights into the fungal assemblages of the northwest Himalayan cold desert. • Microbiome Fingerprint as Biomarker for Geographical Origin and Heredity in <i>Crocus sativus</i>: A Feasibility Study. • Plant growth regulation by small RNA-mediated plant-biotic interactions.
Prof. Sanjana Kaul	<ul style="list-style-type: none"> • Development of a system for efficient callus production, somatic embryogenesis and gene editing using CRISPR/Cas9 in Saffron (<i>Crocus sativus</i> L.) • Endophytic Fungi-Mediated Biocatalysis and Biotransformations Paving the Way toward Green Chemistry.

Name of the Author	Title of the Paper/s
	<ul style="list-style-type: none"> • Neurotoxic Medicinal Plants of Indian Himalayan Regions: An Overview. • Neurotoxic Potential of Alkaloids from Thorn Apple (<i>Datura stramonium</i> L.): A Commonly Used Indian Folk Medicinal Herb. • Plant carotenoid cleavage oxygenases: structure–function relationships and role in development and metabolism. • Tissue-specific transcriptional regulation and metabolite accumulation in tomato (<i>Solanum lycopersicum</i> L.). • Transcriptome analysis of Snow Mountain Garlic for unraveling the organosulfur metabolic pathway.
Dr. Ritu Mahajan	<ul style="list-style-type: none"> • Field evaluation of PGP <i>Bacillus</i> sp. strain D5 native to <i>Crocus sativus</i>, in traditional and non traditional areas, and mining of PGP genes from its genome. • Phytochemical composition and antioxidant activities of leaf extracts of <i>Viola odorata</i> from Kishtwar, Jammu and Kashmir.
Dr. Nisha Kapoor	<ul style="list-style-type: none"> • Leptin in energy homeostasis, male reproduction, and immune regulation. • Field evaluation of PGP <i>Bacillus</i> sp. strain D5 native to <i>Crocus sativus</i>, in traditional and non traditional areas, and mining of PGP genes from its genome. • Phytochemical composition and antioxidant activities of leaf extracts of <i>Viola odorata</i> from Kishtwar, Jammu and Kashmir.

Activities/Events Organized:

- School of Biotechnology, University of Jammu in association with Innovation - Technology Transfer Office, FITT, IIT Delhi organized a webinar on “Significance of IP and Technology transfer: Unlocking the potential of Innovation ecosystem”. The webinar aimed at motivating students/scholars and faculty for developing innovative ideas for finding solutions to various problems. Innovations (New/Novel ideas). There were three resource persons from IIT Delhi who spoke on various aspects. Dr. Tripta Dixit, discussed the significance of technology transfer and its process, and elaborated the tools/ techniques and challenges faced in the technology transfer process. She emphasized the need for industry and academics to work hand in hand to provide solutions to the problems. Ms. Reema Sahni discussed the importance of Intellectual Property rights (IPR) and Patents. She thoroughly discussed the patentability criteria and clauses of the non patentable subject matter that fall in various sections of Indian patent act. Dr. Ashutosh Pastor discussed the opportunities for startups and innovators to secure support and funding. The webinar was attended by the students, Research Scholars, and Faculty members of different Departments of University of Jammu.
- School of Biotechnology organized a Webinar in association with Principal Solutions Consultant for APAC from Medidata, Singapore on “Trends of Healthcare Industry in the Post-COVID Era and role of Technology” on 20th March, 2021.

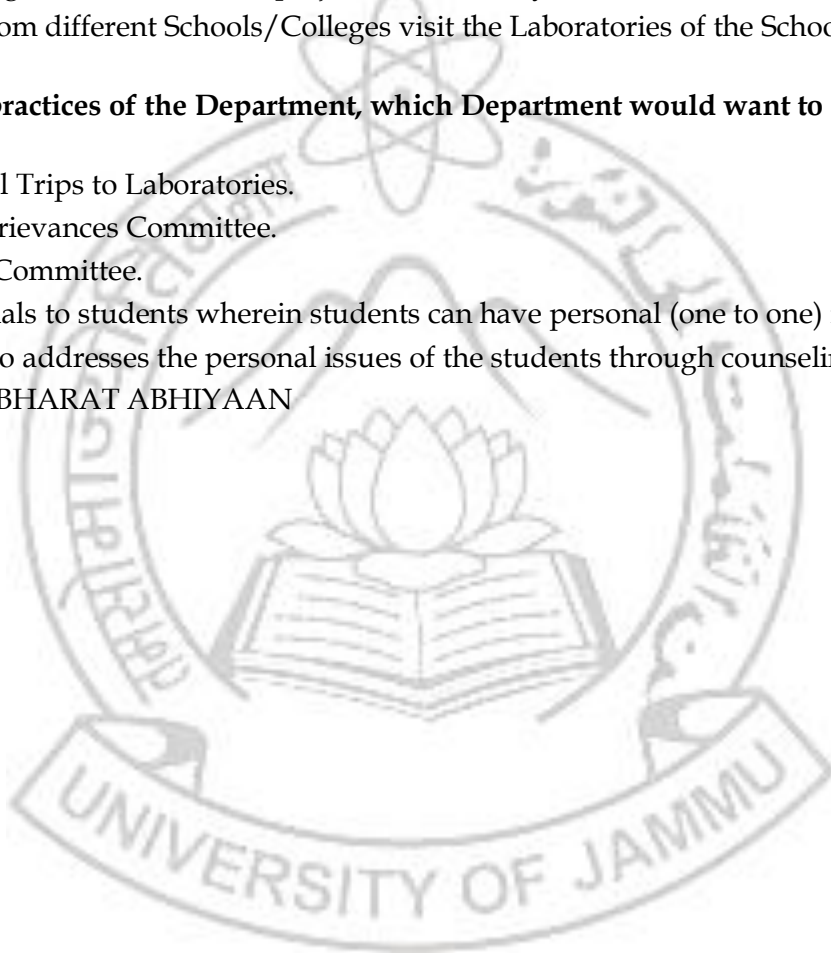
Major grievances of students (if any) redressed: Nil

Innovative practice introduced in Academics/ Research/ Infrastructure/Outreach/extramural/governance etc.

- Lectures for Skill Development for sensitizing students for Startup
- Faculty were able to get extramural funding based on innovative ideas.
- Addition of latest /high level equipment (ex. GCMS) to existing facility to carryout innovative research.
- Encouraging students to submit projects to university innovative courses for funding.
- Students from different Schools/Colleges visit the Laboratories of the School of Biotechnology

Healthy practice/practices of the Department, which Department would want to highlight

- Educational Trips to Laboratories.
- Students Grievances Committee.
- Discipline Committee.
- Offer tutorials to students wherein students can have personal (one to one) interaction.
- Teacher also addresses the personal issues of the students through counseling.
- SWACCH BHARAT ABHIYAAN



Department of Botany

The Department of Botany (UGC-SAP DRS-I and DRSII), established in 1998, has earned a name as an important centre of studies in Botany in the country. It has the expertise and infrastructure to help students opt for getting advanced training in many areas of specialization such as Reproductive Biology, Mycology and Plant Pathology, Mushroom Diversity and Cultivation, Bio-systematics, Ecology, Tissue Culture, Bryology and Stress Physiology. While the contributions have been tremendous in the understanding of fundamentals of Plant Sciences, the Department has also kept pace with the changing national priorities. The Department has a sprawling Botanical Garden and a unique Cactus Garden spread over an area of more than 8 acres, which are an abode to plant species from various categories like RET, medicinal and aromatic plants, succulents etc. The Botanical Garden also houses a glass house, a green house and herbarium cum museum. The Herbarium cum Museum has maintained more than 13,000 plant specimens of angiosperms, gymnosperms, pteridophytes, bryophytes, mushrooms and many artefacts of the plant origin. Recently, the garden has acquired the membership of Botanical Garden Conservation International.

Programmes offered by the Department

- M.Sc.
- M. Phil.
- Ph.D.

Thrust Areas of Research

- Mycology and mycotoxicology
- Morphological, cytological and molecular diversity of vascular plants
- Mushroom diversity and cultivation
- Reproductive biology of economically important and RET taxa
- Plant taxonomy and biosystematics
- Plant Stress Physiology
- Ecology and Ethnobotany

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Geeta Sumbali	Ph.D.	Professor	Mycology and mycotoxicology	35
Dr. Namrata Sharma	Ph.D.	Professor	Reproductive biology	23
Dr. Yash Pal Sharma	Ph.D.	Professor	Mushroom diversity and cultivation	24
Dr. VeenuKaul	Ph.D.	Professor	Biosystematics	20
Dr. Sikander	Ph.D.	Assistant Professor	Plant Stress Physiology	13
Dr. Geeta	Ph.D.	Assistant Professor	Plant cytogenetics	06
Dr. Harish Chander	Ph.D.	Assistant Professor	Ecology and Ethnobotany	06
Dr. SkarmaNonzom	Ph.D.	Assistant Professor	Mycology and Plant Pathology	01

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Harpreet Bhatia	Ph.D.	05
Dr. Uma Bharti	Ph.D.	04

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned In Lakhs	Status (Ongoing/ Completed)
Prof. Namrata Sharma Ecological monitoring, recovery and bioprospection of some threatened plant species of Jammu Kashmir and Ladakh in relation to regional socio-economic development	Ministry of Environment, Forest and Climate Change, Government of India through GBPNHED under National Mission on Himalayan Studies	₹ 61.94	Ongoing
Prof. Namrata Sharma Invasive Alien plants in Himalayas: Status, Ecological impact and Management	National Mission on Himalayan Studies	₹ 468.00	Ongoing
Dr. Geeta Assessment of cytological, biochemical and molecular variability in <i>Viola</i> species from Jammu and Kashmir	SERB under Core Research Grant	₹ 31.97	Ongoing

Collaborations/Linkages

The Department has collaborations with the following institutions:

- NBRI, Lucknow
- University of Kashmir, Kashmir
- Indian Institute of Integrative Medicine, Jammu

Details of Research Projects (Major/Minor) Undertaken

Name of the Faculty Member	Project Title	Name of the Funding Agency	Total Grants Sanctioned (In Lacs)	Status (Ongoing/ Completed)
Dr. Namrata Sharma	Ecology, Monitoring, Recovery and Bioprospection of some threatened plant species	MOEF & CC, Govt. of India	₹ 66.8 lacs	Ongoing
	Invasive alien species in Himalayas- Status, ecological impact and management	NMHS	₹ 63.17 lacs	Ongoing
Dr. Geeta	Assessment of cytological, biochemical and molecular variability in <i>Viola</i> species from	Science and Engineering Research Board,	₹ 31.97 lacs	Ongoing

	Jammu and Kashmir	DST, New Delhi		
Dr. Yash Pal	Database Development on Diversity and Indigenous Knowledge on Mushrooms in Trans Himalayan district of Kargil	National Mission on Himalayan Studies (NMHS)	₹ 56.42	Ongoing

Details of Publications:

Name of the Author	Title of the Paper/s
Dr. Yashpal Sharma	<ul style="list-style-type: none"> • . Diversity and Distribution of wild fleshy fungi in district Jammu, J&K, India. • Morphological and molecular characterization of two <i>Pleurotus</i> species from Jammu and Kashmir, India • New Regional Records and an Updated Checklist of Lichen Family Parmeliaceae from Jammu and Kashmir, India. • Additions to the lichenized and lichenicolous fungi of Jammu & Kashmir from Kishtwar High Altitude National Park. • <i>Amanita parvirufobrunnescens</i> (Agaricales: Amanitaceae), a new species in A. sect. <i>Amidella</i> from India. • Documentation of veterinary practices from gujjar and bakarwal tribes of district poonch, Jammu & Kashmir: A boon for animals from our ancestors. • Biosynthesis, genetic regulation and therapeutic potential of capsaicinoids. • <i>Lactarius sinozonarius</i>: a new record to Indian mycobiota from Jammu and Kashmir, India. • Morphological characterization of wild <i>Rosa L.</i> germplasm from the Western Himalaya, India. • New records of <i>Amanita citrinoannulata</i> and <i>A. pakistanica</i> (Amanitaceae) from India. • Nutraceutical potential of rose hips of three wild <i>Rosa</i>, species from Western Himalaya, India. • Nutritional and mineral composition of four wild edible mushrooms from Jammu and Kashmir, India. • Phylogeny and species delimitation of <i>strobilomyces</i> (Boletaceae), with an emphasis on the Asian species. • Pollen morphology and variability of the <i>Rosa L.</i> species of Western Himalaya in India. • Revised and an updated checklist of the amanitaceae from India with its specific distribution in the Indian states. • Two new species of genus <i>Lactarius</i> (Russulaceae) from North-western Himalaya, India. • Wild Edible Plants of Paddar Valley, Jammu division, Jammu and Kashmir, India.

Name of the Author	Title of the Paper/s
Dr. Namrata Sharma	<ul style="list-style-type: none"> • Floral Phenology of <i>Chlorophytum arundinaceum</i> Baker in Subtropical Climes of Jammu. • Floral Phenology of <i>Chlorophytum arundinaceum</i> Baker in Subtropical Climes of Jammu. • Scrunity of Genetic system of <i>Artemisia scoparia</i> Waldst and Kit., a Functionally Monoecious Perennial with Wide Distribution in the North West Himalayas, JandK, India. • Application of geographic information system and remote sensing in heavy metal assessment. • Assessment of water quality using different pollution indices and multivariate statistical techniques.
Dr. Veenu Kaul	<ul style="list-style-type: none"> • Bioactive Compounds of Asian Spider Flower (<i>Cleome viscosa</i> Linn.). • Flexistyly-a structural and functional contrivance for successful pollination in <i>Lathyrus aphaca</i> L. • Phenotypic variability in <i>Cleome viscosa</i> L. growing in Jammu region (J&K): some interesting insights in this prospective crop. • Phytochemical screening of the Flower and Leaf Extracts of <i>Emex australis</i> from Jammu District (J&K, India): A Preliminary Analysis. • Sexual Selection in Angiosperms: Paradox Re-visited.
Dr. Sikander Pal	<ul style="list-style-type: none"> • 2-(5-phenyl-4H-1,2,4-triazol-3-ylthio)acetic acid: Greener and efficient organocatalyst for multicomponent reactions under aqueous media. • Amine Functionalized Silica Coated Cotton Fabric Supported Pd(0) Nanoparticles: Synthesis, Characterization and Catalytic Application for Suzuki Cross-Coupling and Hydrogenations. • Biomass-Derived Activated Carbon-Supported Copper Catalyst: An Efficient Heterogeneous Magnetic Catalyst for Base-Free Chan-Lam Coupling and Oxidations. • Dereplication Based Strategy for Rapid Identification and Isolation of a Novel Anti-inflammatory Flavonoid by LCMS/MS from <i>Colebrookea oppositifolia</i>. • Gibberellins target shoot-root growth, morpho-physiological and molecular pathways to induce cadmium tolerance in <i>Vigna radiata</i> L. • Nickel excess affects phenology and reproductive attributes of <i>Asterella wallichiana</i> and <i>Plagiochasma appendiculatum</i> growing in natural habitats. • Paclobutrazol Induces Photochemical Efficiency in Mulberry (<i>Morus alba</i> L.) Under Water Stress and Affects Leaf Yield Without Influencing Biotic Interactions. • Plants metabolome study: Emerging tools and techniques. • Post-harvest Management of <i>Alternaria</i> Induced Rot in Tomato Fruits with Essential Oil of <i>Zanthoxylum armatum</i> DC. • The: In situ fabrication of ZIF-67 on titania-coated magnetic nanoparticles: A new platform for the immobilization of Pd(ii) with enhanced catalytic activity for organic transformations.

Name of the Author	Title of the Paper/s
Dr. Harish Chander	<ul style="list-style-type: none"> • <i>Cymbidium macrorhizon</i> Lindl. (Orchidaceae): A New Record for Flora of Jammu and Kashmir, India. • Ethnobotanical plants used for gastrointestinal ailments by the inhabitants of Kishtwar Plateau in Northwestern Himalaya, India. • Floral Phenology and Adequate Collection Time of Flowers of <i>Crocus sativus</i> L.: An Expensive Spice. • Land use induced blurring of forest-grassland transition in north-west Himalaya – A case study using Moving Split Window boundary detection technique. • <i>Neoconopodium paddarensis</i>, a new species of Apiaceae from Jammu and Kashmir, Western Himalaya, India.
Dr. Skarma Nonzom	<ul style="list-style-type: none"> • A new record of psychrotrophic <i>Paecilomyces formosus</i> (Eurotiales: Ascomycota) from India: morphological and molecular characterization. • Endophytic fungi: understanding complex cross-talks. • New Record of <i>Bipolaris cynodontis</i>: An Emerging Human Pathogen Causing Superficial Mycosis in North India. • Novel cases of cutaneous phaeohyphomycosis by <i>Alternaria alstromeriae</i>, <i>Epicoccum tritici</i> and <i>Phialemonium obovatum</i> from North India. • Superficial mycoses, a matter of concern: Global and Indian scenario-an updated analysis.
Dr. Geeta Sumbali	<ul style="list-style-type: none"> • Studies on the evaluation of some strains of <i>Calocybe indica</i> P&C for cultivation in Jammu. • Some more additions to the mycotoxin profile of dried red chillies from Union territory of Jammu and Kashmir. • Toxigenic mycoflora and natural co-occurrence of toxins in red chillied from Jammu and Kashmir. • Natural incidence of chromosomal chimerism and interchanges in <i>Trichosanthes cucumerina</i> var. <i>anguina</i> and its impact on fruit set. • Utilisation of some unconventional agrowastes and grain spawns for the cultivation of <i>Macrocybe gigantea</i> (Masse) Pegler & Lodge. • A new record of psychrotrophic <i>Paecilomyces formosus</i> (Eurotiales: Ascomycota) from India: morphological and molecular characterization. • Dominance of monoverticillate penicilli in the cold arid soils of drass valley, India. • Efficacy of different agricultural wastes and casing materials on the growth and yield of <i>Macrocybe gigantea</i> (Masse) Pegler & Lodge. • Natural incidence of aspergilli, penicilli, fusaria and their multiple toxins in the seeds of dried red chillies (<i>Capsicum annum</i> Linn.) from Jammu and Kashmir (UT). • Suitability of three different cereal grains for spawn development and their impact on the growth and yield of <i>Macrocybe gigantea</i> (Masse)

Name of the Author	Title of the Paper/s
	Pegler & Lod..

Activities/Events Organized:

- Department of Botany celebrated “The Himalayan Day-2020” under the theme “The Himalaya and Nature”. On the occasion, an online popular lecture on “JAMMU HIMALAYA-A STOREHOUSE OF PHYTO-RESOURCES” was delivered by Dr. Harish Chander Dutt, Assistant Professor of the Department of Botany, University of Jammu, Jammu. While discussing the ecological conditions of Himalaya, Dr. Dutt, underscored the importance of the Himalaya in general and role of the north-west Himalaya in particular in harbouring unique types of biodiversity resources in Jammu Province. “The climate in western Himalaya is less humid than the Eastern Himalaya, due to which the diverse type of the plant wealth is witnessed in this region, said the learned ecologist. Padam Bhushan (2020) and Padam Shri Dr. Anil Joshi, Indian green activist, social worker, botanist and the founder of Himalayan Environmental Studies and Conservation Organization (HESCo), Dr. I. D Rai, Scientist from IIRS-ISRO, Dehradun, Dr. Ajay Srivastava and Dr. Seemavati from Holkar College, Indore also presented their views. Others who participated in the event include scientists and scholars from Universities and Institutes of the country such as TBGRI, Kerala; PG Girls College, Khargun, MP; Rajiv Gandhi University, Itanagar; Central University, Kerala; Kumaun University, Nainital, Central University of Jammu.
- Department of Botany in collaboration with Krishi Vigyan Kendra (KVK), Kargil, SKUAST-Kashmir organized one-day Capacity Building Workshop for farm women on the wild edible mushroom resources and their nutritional importance. The workshop was organised under the National Mission for Himalayan Studies (NMHS) project on ‘Database Development on Diversity and Indigenous Knowledge on Mushrooms towards their cultivation and conservation in Trans Himalayan district of Kargil’ sanctioned to Prof. Yash Pal Sharma, Principal Investigator and Prof Rupam Kapoor, Co-PI, while Dr. Nassreen F.Kacho, Scientist, Plant Pathology of KVK, Kargil is the local implementing partner.
- Department of Botany, University of Jammu in collaboration with Govt. Ayurvedic College, Jammu and Shaheed- E- Azam Bhagat Singh Foundation organized an ‘Immunity Booster Health Camp’ in the University Botanical Garden for the stakeholders of the University. The camp was inaugurated by the chief guest, Prof. Manoj K Dhar, Vice Chancellor, University of Jammu. Prof. Manoj K Dhar underscored the historical background of the Indian System of Medicine including Ayurveda and its relevance to human health and well-being since antiquity and stressed that Ayurvedic traditions and herbal medicines are a practical aspect of Botanical Wealth and have capacity to fight the most complex human ailments including Coronavirus disease pandemic (COVID-19) presently confronting human population all across the globe.
 - Dr. Aditi, Medical Superintendent, Govt Ayurvedic College, Jammu, Dr. Taran Singh, an Ayurveda expert and social reformer and the team of doctors including Dr. Amandeep Kour, Dr. Sandeep explained the ingredients and the immunity boosting benefits of ‘Amritarishta’, ‘Ashwagandharishta’ ‘TrikatuChurna’ ‘Agastya Haritiki’ ‘Tulsichurna’ etc. to the audience.

- Prof. Yash Pal Sharma from the Department of Botany, University of Jammu, Jammu delivered a keynote address during the inaugural function at the three-day International e-Conference on Innovative Research Trends in Life Sciences (ICIRTLs-2020) organized by the Life Science Department of Shri Shivaji College of Arts, Commerce and Science, Akola (Maharashtra) in collaboration with the Indian Science Congress Association (ISCA), Amravati Chapter. Many accomplished researchers of India and abroad including Prof. G. Radhakrishnan Pillai, from the Calicut University, Prof. Krishnendu Acharya and Prof. Pritha Bhattacharjee from Calcutta University, Dr. Rebecca Thombre, from Blue Marble Space, Institute of Science, Washington, USA, Dr. G. Phani Kumar from DRDO, Mysore, Prof. Milind Desai from Pune University, Dr. Nishikant Wase from the University of Virginia, USA and Dr. Angshuman Sarkar from BITS Pillani, Birla Campus, Goa were the lead speakers of the conference. The conference was attended by more than 300 registered researchers from India and other parts of the world. Prof. Manoj Dhar, Vice-Chancellor, University of Jammu in his message congratulated Prof. Yash Pal Sharma for his address to the scientific community organized by the Life Science Department of Shri Shivaji College of Arts, Commerce and Science, Akola (Maharashtra) in collaboration with the Indian Science Congress Association (ISCA). Prof. Dhar appreciated his consistent efforts especially during COVID-19 to disseminate the vital scientific information to the students and the scholars.



Department of Environmental Sciences

The Department of Environmental Sciences was established in 1995 as a centre in the Department of Bio-Sciences. After trifurcation of the Department of Bio Sciences, a separate department of Department of Environment Sciences was created in September 1998. The Department is a part of Faculty of Life Sciences, which comprises of Environmental Sciences, Botany, Zoology and Biotechnology.

The students of the department are making contribution in areas such as Higher Education, Kashmir Administrative services (19), various Scientific Institutes of country, Army, Police, etc. Besides, number of our students have qualified National Eligibility Test (NET JRF) (31), (NET) (141), SET (81) and GATE (08) up to March, 2020.

Programmes offered by the Department

- M.Sc.
- M. Phil.
- Ph. D.

Thrust Areas of Research

Terrestrial Ecology
 Solid Waste Management
 Air and Water Monitoring
 Phytodiversity and Natural Resource Monitoring
 Wastewater Treatment / Bioremediation, EIA & EMP Studies and Limnology.

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. A. K. Raina	Ph.D.	Professor	Limnology, Forest Ecology & Pollution	26
Dr. Raj Kumar Rampal	Ph.D.	Professor	Ecology & Pollution	26
Dr. Sanjay Sharma	Ph.D.	Associate Professor	Remote Sensing	26
Dr. Piyush Malaviya	Ph.D.	Associate Professor	Environmental Microbiology, Water Pollution	20
Dr. Deepika Slathia	Ph.D.	Sr.Assistant Professor	Limnology, Aquatic Microbiology and pollution studies	17
Dr. Rakesh Kumar	Ph.D.	Assistant Professor	Environmental Pollution with special reference to Air Pollution	09

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Meenakshi Khajuria	Ph.D.	10

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (In Lacs)	Status (Ongoing / Completed)
Geospatial analysis and mapping of ground water fluoride contamination in Jammu province with emphasis on its vulnerability and remediation.	SERB, DST	₹ 24.79	Ongoing
Spatio-temporal distribution and source apportionment of carbon (OC/EC/WSOC) and major ions in PM 2.5 aerosols in the Himalayan foot-hills of Jammu region (J&K, India).	SERB, DST	₹ 36.00	Ongoing
Biodiversity characterization of protected area network of Jammu province of Jammu & Kashmir [Western Himalayas] using remote sensing and GIS	UGC-SAP (DRS-II)	₹ 97.75	Ongoing

Collaborations/Linkages: Nil

Detail of Publications:

Name of the Author	Title of the Paper/s
Prof. Piyush Malaviya	<ul style="list-style-type: none"> • Performance of germination, development, yield, and pigment on irrigation with untreated paint industry wastewater on <i>Tagetes erecta</i> L. var Pusa Basanti. • Management of stormwater pollution using green infrastructure: the role of rain gardens. • Comprehensive and critical appraisal of plant based defluoridation from environmental matrices. • Application of floating treatment wetlands for stormwater runoff: A critical review of the recent developments with emphasis to heavy metals and nutrient removal. • Spring water quality assessment using Water Quality Index in Lansi village of Udhampur, Jammu and Kashmir (India). • Aquatic phytoremediation strategies for chromium removal.
Dr. Deepika Slathia	<ul style="list-style-type: none"> • Macrophytic diversity of some wetlands of Jammu region, J&K, India. • Biomonitoring of Health of Lake Mansar (Jammu) using Phytoplankton. • Biomonitoring of Health of Lake Mansar (Jammu) using Phytoplankton. • Human Impacts on Wetland Ecosystems: Case Study of Ramsar Site of Jammu Region, Jammu and Kashmir, India.
Prof. R.K. Rampal	<ul style="list-style-type: none"> • Seasonal variations of indoor aerosols (PM_{2.5}) in urban households of Jammu (J&K), India.

Activities/Events Organized:

- Department of Environmental Sciences in collaboration Green Campus Task Force, University of Jammu in support with J&K Pollution Control Board and Reverse Logistics Group India organized E-waste collection cum awareness drive.

- Department of Environmental Sciences & Green Campus Task Force (GCTF-JU) in collaboration with Jammu Municipal Corporation (JMC) organized webinar cum interaction on “Status of Solid Waste Management in Jammu”. Ms. Avny Lavasa, IAS, Municipal Commissioner, Jammu Municipal Corporation was the Resource Person. Prof. Manoj K. Dhar, Vice-Chancellor, University of Jammu was the Chief Guest for the webinar. He stressed upon the need of coordinated and concerted efforts by each one of us for addressing the solid waste menace in Jammu and managing this waste on scientific lines by the concerned authorities.
- Department of Environmental Sciences, Green Campus Task Force (GCTF-JU) jointly with J&K Pollution Control Board and Reverse Logistic Group, India launched the ‘E-waste Collection cum Awareness Drive’ in University of Jammu with an aim to create awareness about the lesser-known hazards of electronic waste generated in the city. The students and volunteers carried out door to door awareness in the campus and motivated the University fraternity to be more environmentally conscious by giving their e-waste to only official collection centers or registered waste recycler/dismantler, thus ensuring process-driven recycling. Flagging the E-waste collection Drive, Hon’ble Vice-Chancellor, University of Jammu reinforced that e-waste is emerging as the most rapidly growing segment of the formal municipal waste stream and therefore needs to be managed in a scientific manner. He applauded the collaborative efforts of the Department of Environmental Sciences and the J&K Pollution Control Board for taking up and bringing such environmental issues into the public domain. He also thanked Reverse Logistic Group India for providing the E-waste Collection vehicle for the drive.
- Department of Environmental Sciences, University of Jammu, organized an International Webinar to highlight the importance of ecosystem restoration with an emphasis on recreating energy-smart ecosystems in Asia’s degraded forests and landscapes. Prof. M.K. Dhar, Vice-Chancellor, University of Jammu was the Chief Guest of the occasion. He appreciated the efforts of the Department of Environmental Sciences for choosing such important, apt, and meaningful issue for the webinar and stressed the need of planning and implementing eco-restoration measures not only at the community level but at the individual level also. Dr. Himlal Baral, Senior Scientist, and Eco-restoration expert, Center for International Forestry Research (CIFOR) Bogor, Indonesia, was the resource person on the occasion.

Healthy practice/practices of the Department, which Department would want to highlight

- Save Tawi Campaign.
- Organization of mass awareness activities regarding local and national issues in urban as well as rural areas involving the stake holders and also to educate them regarding the latest developments in the field.
- To act as Resource Centre for various educational institutes and government departments and to encourage multifaceted programmes viz. Research, consultancy, skilled human resource generation and organization of more awareness campaigns that would lead to ecological sustainable development of the area.

Department of Zoology

The Department of Zoology, University of Jammu is one of the leading centres of teaching and research that came into existence in 1998 after the split of erstwhile Department of Bio-Sciences that was established in 1971. The Department has six well equipped Research laboratories, a Zoological Museum, Zoological Park, Computer Lab and a library with good number of books apart from large number of Journals.

The faculty has been actively engaged in research & has to its credit, a number of Research Projects sponsored by various funding agencies viz. DST, CSIR, UGC, ICMR and J&K State Council of Science & Technology. The broad thrust areas of research include Fish & Fisheries, Limnology, Cytogenetics & Entomology and about 200 students have so far earned Ph.D degree in their respective fields.

UGC-SAP (DRS- I) program with a major focus on Faunal diversity of Jammu Division has been successfully completed. Department has also received funds for Improvement of S&T Infrastructure (FIST) from DST, GOI.

Two major International Collaborative projects on Air Pollution and Global Pollination (Limnology & Entomology section) have been successfully completed. A mission mode project with ICMR, New Delhi has been sanctioned recently on Paragonimiasis.

Programmes offered by the Department

- M.Sc.
- M.Phil.
- Ph.D

Thrust Areas of Research

- Fish & Fisheries
- Limnology
- Entomology
- Cell Biology & Cytogenetics

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Roopma Gandotra	Ph.D.	Professor	Fish & Fisheries Food Technology	32
Dr. Seema Langer	Ph.D.	Professor	Fish & Fisheries Prawn/Crab Taxonomy	27
Dr. Arti Sharma	Ph.D.	Assistant Professor	Ecology, Limnology Aquaculture	11
Dr. Parvinder Kumar	Ph.D.	Assistant Professor	Human Genetics	11

Name	Qualification	Designation	Specialization	Experience in years
Dr. Sarbjeet Kour	Ph.D.	Assistant Professor	Limnology Zooplanktology	10
Dr. Rakesh Kumar	Ph.D.	Assistant Professor	Molecular genetics	04

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Poonam Sharma	Ph.D.	06
Dr. Manvi Khajuria	Ph.D.	04
Dr. Nirmal Singh	Ph.D.	10

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (In Lacs)	Status (Ongoing/ Completed)
Human pulmonary paragonimiasis in crab eating communities and smear negative suspected TB cases from some states of India by ICMR (Indian Counsel of Medical Research)	ICMR, New Delhi	₹ 177.46	Ongoing
DNA Barcoding for Biodiversity Conservation and Management in Jammu Region	DST, New Delhi	₹ 80.00	Ongoing
Reassessment and validation of taxonomic characterization of ecologically and economically important Ichthyofauna threatened by mega development activities on western Himalayan river basins	MOEF	₹ 35.00	Ongoing
Innovative Research Project (3)	RUSA	₹ 0.55 each	Ongoing

Collaborations/Linkages: Nil

Details of Publications

Name of the Author	Title of the Paper/s
Prof. Namrata Sharma	<ul style="list-style-type: none"> Adolescents perceived relationship with their parents. Usage, attitude and addiction: Internet in the lives of rural adolescent girls of Jammu
Dr. Arti Sharma	<ul style="list-style-type: none"> Growth proximate composition and condition coefficient labeo rohita fingerlings reared in insitu and exsitu biofloc system. A review on role of Molluscan shells in the removal of pollutants from aquatic water bodies. Temporal changes in physicochemical parameters of water of gharana

Name of the Author	Title of the Paper/s
	<p>wetland reserve (J&K) and assessment of its pollution status using comprehensive pollution index.</p> <ul style="list-style-type: none"> • Fulvic acid isolation and characterisation from water of a Ramsar lake.
Dr. Chinmoyee Maharana	<ul style="list-style-type: none"> • An application of nano differential scanning fluorimetry for higher order structure assessment between mAb originator and biosimilars trastuzumab and rituximab as case studies. • Alzheimer's disease-Causing presenilin-1 mutations have deleterious effects on mitochondrial function. • The global landscape on interchangeability of biosimilars.
Dr. Parvinder Kumar	<ul style="list-style-type: none"> • Methylene Tetrahydrofolate Reductase Gene Polymorphisms and Risk of Myocardial Infarction. • FMS-like Tyrosine Kinase 3 (FLT3) gene as a significant biomarker for Acute Myeloid Leukemia: Short Communication. • Environmental, Bio-Social and Economic Impact of Road Construction at Kunjwani-Nagrota Bypass Highway, Jammu Dist. (J&K), India. • Urinary Tract infections (UTI): Epidemiology, Type, Mechanism of infection and Treatment - A Review.
Prof. Roopma Gandotra	<ul style="list-style-type: none"> • Comparative assessment of Microbial load of Raw Fish Muscle (Labeo rohita) Subjected to Various Preservation Techniques. • Effect of active Packaging on the Quality and shelf life of Labeo rohita during Chilled Storage. • Ultrastructural biomarker responses in gill of <i>Cirrhinus mrigala</i> (Hamilton, 1822) through SEM after exposure to Zinc Sulphate.

Activities/Events organized:

Healthy practice/practices of the Department, which Department would want to highlight
Individual Contribution of Faculty Members: Nil

Institute of Human Genetics

The M.Sc. Human Genetics programme has been started in the Institute of Human Genetics with the prime objective of promotion of education and research in the field of Human Genetics and its allied areas. P.G. in Human Genetics is of two years duration with four semesters having 96 credits (24 in each semester).

At present, the intake capacity of M.Sc (Human Genetics) is 12 and teaching is being carried out by two Deputy Coordinators and 03 contractual teaching faculty members. In addition, the visiting faculty is also invited for specific thrust areas of curriculum.

Programmes offered by the Department

- M.Sc.
- Ph.D.

Thrust Areas of Research

- Molecular Genetics
- Cytogenetics, Cancer Genetics
- Population Genetics

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Seema Langer	Ph.D.	Coordinator	Fish, Prawn, Crab, Taxonomy, Culture, Parasitology	26 years
Dr. Parvinder Kumar	Ph.D.	Deputy Coordinator	Human Genetics, Molecular Biology Medical/ clinical genetics Population genetic	10.5 years
Dr. Nisha Kapoor	Ph.D.	Deputy Coordinator	Host-Pathogen interaction	09 years

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Jyotdeep Kour Raina	Ph.D.	03
Dr. Minakashee Sharma	Ph.D.	03
Ms. Itty Sethi	Ph.D.	02
Dr. Amrita Bhat	Ph.D.	01

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (In lakhs)	Status (Ongoing / Completed)
Molecular Characterization of Gene mutations in Leukemia's with special reference to AML	DST-SERB, GOI	₹ 19.20	Ongoing

Collaborations/Linkages: Nil

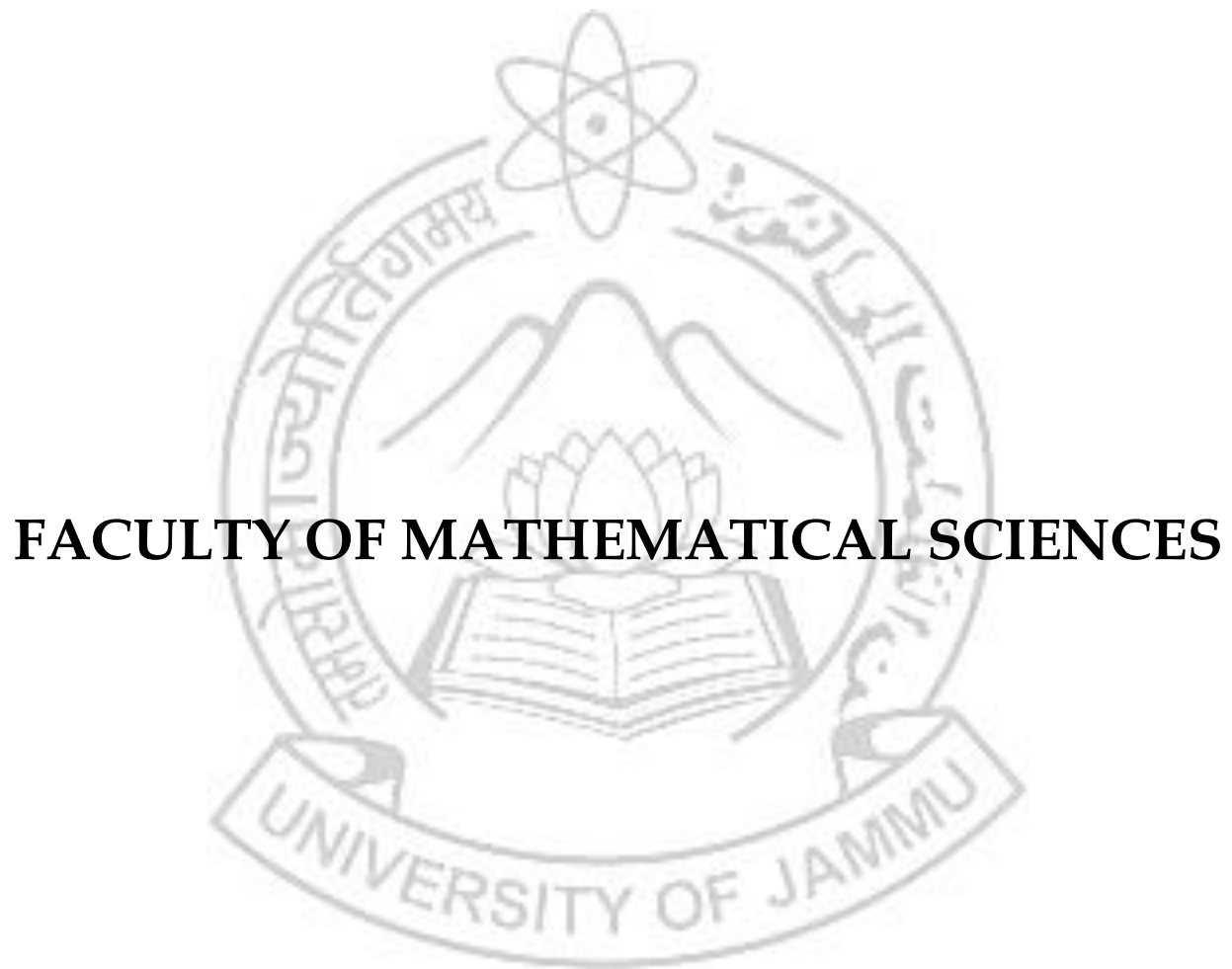
Healthy practice/practices of the Department, which Department would want to highlight

- Organized cleanliness drive under Swacch Bharat Abhiyan,
- Organized a carrier counselling at the school and college level in coordination with Carrier counseling cell, Department of Life Long Learning, University of Jammu.

Details of Publications:

Activities/Events Organized:





Department of Computer Science & IT

The Department of Computer Science & IT started in the University of Jammu with the initiation of Diploma Course in Computer Science and Applications in the year, 1987. The Department started 3 years MCA (Six Semester) from the year 1994. The students in 6th Semester undertake real life project in the reputed industries / institutions. the MCA course is standardized and is representing 30 courses, 5 practical courses and 1 real life project. The Department has also started 2 years M.Tech. (4 Semester) Program in the year 2014. The 4th semester is based on Dissertation on research oriented problem.

Programmes offered by the Department

- MCA
- M. Tech. (CS)

Thrust Areas of Research

- Web Technology, Network Security, Semantic Web
- Computer Graphics, Information Retrieval, Data Mining
- Artificial Intelligence, Data Science
- Digital Tampering / Forgery , Texture Analysis and Synthesis, Visualization Techniques, Human Computer Interaction
- Natural Language Processing, Web Technology

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Lalit Sen Sharma	Ph.D.	Professor	Network Security	23
Dr. Vibhakar Mansotra	Ph.D.	Professor	IR	28
Dr. Vinod Sharma	Ph.D.	Professor	AI	26
Dr. Pawanesh Abrol	Ph.D.	Professor	Image Processing	24
Sh. Jasbir Singh	MCA	Sr. Assistant Professor	Inf. Security	19
Dr. Shubhnandan Singh Jamwal	Ph.D.	Sr. Assistant Professor	NLP	18

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Rajat Sethi	M.Tech.	04
Palak Mahajan	M.Tech.	03
Dr. Alka Gupta	Ph.D.	02
Dr. Sawinder Kour	Ph.D.	01

Collaborations/Linkages: Nil

Details of Publications

Name of the Author	Title of the Paper/s
Prof. Vibhakar Mansotra	<ul style="list-style-type: none"> • Automated personality prediction of social media users: A decade review • Black fungus immunosuppressive epidemic with Covid-19 associated mucormycosis (zygomycosis): a clinical and diagnostic perspective from India. • Social Media Sentiment Analysis: A Review. • A study of social sentiment analysis in the times of covid-19 using twitter. • LiteCovidNet: A lightweight deep neural network model for detection of COVID-19 using X-ray images. • Voting-Boosting: A novel machine learning ensemble for the prediction of Infants' Data. • CoBiD-net: a tailored deep learning ensemble model for time series forecasting of covid-19. • Time series forecasting of Covid-19 using deep learning models: India-USA comparative case study. • CheXImageNet: a novel architecture for accurate classification of Covid-19 with chest x-ray digital images using deep convolutional neural networks. • NestEn_SV": boosted nested ensemble multiplexing to diagnose coronary artery disease. • Comparative analysis of data mining classification techniques for prediction of heart disease using the Weka and SPSS modeler tools. • An Automated Framework to Uncover Malicious Traffic for University Campus Network. • Comparative Analysis of Data Mining Classification Techniques for Prediction of Heart Disease Using the Weka and SPSS Modeler Tools. • Design and Implementation of Rule-Based Hindi Stemmer for Hindi Information Retrieval. • An Overview of Retinal Image Classification-Techniques and Challenges. • Deep Learning-based Techniques for the Automatic Classification of Fundus Images: A Comparative Study. • Proposed transfer learning-based convolutional neural network and one versus rest classifier for multi-class multi-label ophthalmological disease prediction in fundus images. • A Comparison on Continuous Integration and Continuous Deployment (CI/CD) on Cloud Based on Various Deployment and Testing Strategies.

	<ul style="list-style-type: none"> • Deep Learning-based Techniques for the Automatic Classification of Fundus Images: A Comparative Study. • Hybrid type-2 diabetes prediction model using SMOTE, K-means clustering, PCA and logistic regression. • Deep-LSTM ensemble framework to forecast covid-19: An insight to the global pandemic. • Predicting geolocation of tweets: using combination of CNN and BiLSTM.
Prof. Lalitsen Sharma	<ul style="list-style-type: none"> • Performance analysis and comparison of snort on various platforms. • A categorical survey of state-of-the-art intrusion detection system-Snort. • Detecting attacks in high-speed networks: Issues and solutions. • Performance Evaluation of Snort and Suricata Intrusion Detection Systems on Ubuntu Server. • Performance Analysis of Different Machine Learning Techniques for Anomaly-based Intrusion Detection. • Performance evaluation and modelling of the Linux firewall under stress test. • Empirical analysis of cache oblivious matrix multiplication on multicore processor systems. • Steganographic Communication using Multiplayer Online Game. • Exploring the use of Iptables as an Application Layer Firewall. • Performance evaluation and modelling of the Linux firewall under stress test.
Prof. Pawnesh Abrol	<ul style="list-style-type: none"> • Identification and Recognition of Facial Images. • Identifying COVID-19 pneumonia using chest radiography using deep convolutional neural networks. • Effect of blurring on identification of aerial images using convolution neural networks. • Impact of Distortions on the Performance of Feature Extraction and Matching Techniques.
Prof. Vinod Sharma	<ul style="list-style-type: none"> • Comparative Study of Different Machine Learning Techniques in the Diagnosis of Dementia. • Ensemble Feature Extraction-Based Detection of Abnormal Mass Present in Medical Images Using Machine Learning. • Comparison and Analysis of Machine Learning Techniques for the Prediction of Acute Appendicitis. • Recognition of Dry Fruits using Deep Convolutional Neural Network. • Implementation of Ensemble Classifier for Plant Disease Detection. • ST-elevation myocardial infarction in patients with Covid-19--A case series.

Dr. Shubhnandan Singh Jamwal	<ul style="list-style-type: none"> • Designing and Development of Stemmer of Dogri using Unsupervised Learning. • Development of POS tag set for the Dogri language using SMT. • Sentiment Analysis in English-Hindi Translation: A Review. • Hybrid Model for Generation of Verbs of Dogri Language.
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Activities/Events Organized:

Healthy practice/practices of the Department, which Department would want to highlight: Nil



Department of Mathematics

The Department of Mathematics was established in 1966 with an objective to provide quality education in the area of Mathematics. The faculty members have established international collaborations with mathematicians from Canada, Finland, Germany, US and UK. The Department has created a Mathematical Society to organize national and international conferences/Seminars / Workshops in collaboration with other National and International Mathematical Societies. The Department has a vibrant research atmosphere backed up by excellent infrastructural facilities.

Programmes offered by the Department

- M.Sc.
- M.Phil.
- Ph.D.

Thrust Areas of Research

- Complex Analysis
- Operator Theory
- Functional analysis
- Topological Vector spaces
- Variational Inequalities and Equilibria

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Romesh Kumar	Ph.D	Professor	Functional Analysis and Operator Theory	25 years
Dr. K.S. Charak	Ph.D	Professor	Complex Analysis	22 years
Dr. Abdul Khaliq	Ph.D	Associate Professor	Variational Inequalities and Equilibrium Problems	25 years
Dr. Shallu Sharma	Ph.D	Assistant Professor	Operator Theory	11 years
Dr. Tirth Ram	Ph.D	Sr. Assistant Professor	Variational Inequalities and Equilibrium Problems	10 years

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Rachna	Ph.D.	02
Dr. Anu Kumari Khanna	Ph.D.	10
Dr. Aditi Sharma	Ph.D.	02

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (In lacs)	Amount Received (In lacs)	Status (Ongoing/ Completed)
Normal Families of Meromorphic	SERB, GoI	₹ 6.60 lacs	₹2.20	Ongoing

Name of the Project	Agency	Amount Sanctioned (In lacs)	Amount Received (In lacs)	Status (Ongoing/ Completed)
Functions and Dynamics of Permutable entire Functions				

Collaborations/Linkages: Nil

Details of Publications

Name of the Author	Title of the Paper/s
Dr. Sunil Kumar	<ul style="list-style-type: none"> • A difference-cum-exponential type efficient estimator of population mean. • Estimation of Population Mean using one Auxiliary Variable in Stratified Random Sampling: A Simulation Study. • A Latent Class Analysis on mobile usage among Management students. • Estimation of Sensitive Variable in two phase sampling under measurement error and non response using ORRT Models. • Study on non-response and measurement error using double sampling scheme.
Dr. Shallu Sharma	<ul style="list-style-type: none"> • On Almost α-Topological Vector Space. • On α-Topological Vector Space
Dr. Tirth Ram	<ul style="list-style-type: none"> • Existence results for generalized vector quasi equilibrium problems. • Existence results on generalized strong operator equilibrium problem in Hausdorff TVS.

Activities/Events Organized:

- Department of Mathematics celebrated National Mathematics Day by organizing an online lecture on "Life and works of great Indian mathematical genius Srinivasa Ramanujan by an eminent mathematician, Prof. Ambat Vijaykumar, Cochin University of Science and Technology. The lecture was inaugurated by Prof. Manoj K. Dhar, Vice Chancellor of University of Jammu. In his opening remarks, Prof. Dhar talked about the importance of National Mathematics Day and the genius of Srinivasa Ramanujan who in such a small span of life (1887-1920) created deep mathematical formulas which earned him the fellowship of Royal Society of London. Professor Dhar also discussed the impact of mathematics on other branches of knowledge and its importance in the development of humanity. Prof. K. S. Charak, Head of Department of Mathematics, after giving the history of National Mathematics Day and its objectives, introduced the speaker, Professor Ambat Vijaykumar by reading out his very rich profile which included his consultantship of the Malayalam Publishing group for the publication of the Malayalam translation of Robert Kanigel's "The Man who Knew Infinity" a book about life and works of Ramanujan. The speaker delivered a detailed and illuminating online lecture on Life and Works of Ramanujan. The lecture was attended virtually by more than one hundred participants including students and teachers from the Mathematics department of different colleges and Universities of this region.

Department of Statistics

Department of Statistics was established in 1988 with the aim of providing quality education in the field of Statistics, with its application and usefulness to the society and to provide qualified Statisticians for the economic, social, administrative, planning and academic development.

Objectives of the Department

- To train students and scholars on designed curriculum which is symbiosis of theoretical Statistical Knowledge with flavor of practical applications.
- To train different stakeholders and knowledge seekers with Statistical Research Methods, modern data analysis tools as well as techniques used in wide areas of learning.
- To develop socially responsible Statisticians with global perspectives and skills

Programmes offered by the Department

- M.Sc.
- M.Phil.
- Ph.D.

Thrust Areas of Research

- Artificial Intelligence
- Machine Learning & Data Science
- Information Theory
- Bio-Statistics & Sample Surveys
- Reliability Theory
- Statistical Inference

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. J P S Joorel	Ph.D	Professor	Reliability Theory, Sample Surveys	32
Dr. Pawan Kumar	Ph.D	Professor	Reliability Theory	21
Dr. Rahul Gupta	Ph.D	Professor	Statistical Inference, Bio-Statistics	29
Dr. Parmil Kumar	Ph.D	Associate Professor	Information Theory, Statistical Inference	20
Dr. V.K. Shivgotra	Ph.D	Assistant Professor	Bio-Statistics	09
Dr. Sunil Kumar	Ph.D	Assistant Professor	Sample Survey, Applied Statistics	03

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. KirandeepKour	Ph.D.	02
Mr. Pawan Kumar	Ph.D.	03

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (In lacs)	Status (Ongoing/ Completed)
Latent Class Analysis of Survey data on Cheating Behaviour	UGC	₹ 10.00	Ongoing

Collaborations/Linkages: Nil

Details of Research Projects (Major/Minor) Undertaken

Name of the Faculty Member	Project Title	Name of the Funding Agency	Total Grants Sanctioned	Duration	Status (Ongoing/ Completed)
Dr. Sunil Kumar	Start-Up-Grant	UGC	₹10,00,000	2 years	Ongoing

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Parmil Kumar	<ul style="list-style-type: none"> • E-Bayesian Estimation of Exponential-Lomax Distribution under Asymmetric Loss Functions. • Maximum Product Spacing Method of Estimation of Entropy of Log-Logistic Probability Distribution and their Order Statistics. • Estimation of Density and Reliability Function of Inverse Lomax Distribution under Type-II Censoring and the Sampling Scheme of Bartholomew. • Local Perception of Climate Change, COVID-19 and their Impact on Birds in Jammu and Kashmir. • Bayesian and E-Bayesian Estimation of Parameters of Inverse Lomax Distribution under Type-II Censoring Scheme. • Information Theoretic Models for Dependence Analysis and Missing Data Estimation. • Estimation of Parameters of Inverse Lomax Distribution under Type-II Censoring Scheme. • Bayesian Estimation of Weibull Rayleigh Distribution under Balanced Loss Function. • Comparison of β-entropy, (α, β) entropy and Shannon entropy using Gamma Distributions. • The Asian Emerald Dove <i>Chalcophaps indica</i> in Jammu.

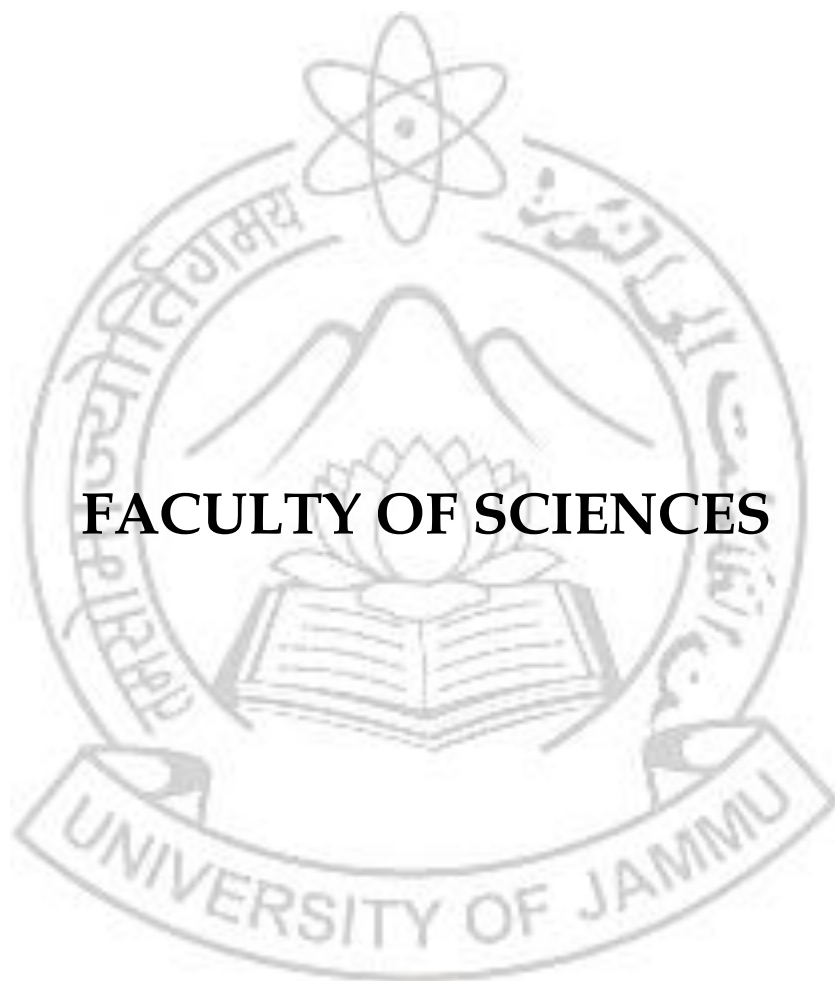
Prof. J.P.S Joorel	<ul style="list-style-type: none"> • Patent Trends in Higher Education of India: A Study on Indian Central Universities. • Estimation of Population Mean using one Auxiliary Variable in Stratified Random Sampling: A Simulation Study. • Estimation with Modified Power Function Distribution based on Order Statistics with Application to Evaporation Data. • India's Research Contribution in Physical Sciences during 2000-2019: A Bibliometric Study. • Reliability Analysis of Two Unit Standby Model with Controlled and Uncontrolled Failure of Unit and Replacement Facility Available in the System. • Cost Benefit Analysis of Three Non-Identical Machine Model with Priority in Operation and Repair. • Reliability and Profit Evaluation of Textile Industry with exponential Failure Time Distribution and Different Failure Strategies. • Stochastic modeling of three non-identical complex system with single service facility available in the system. • Research Productivity of Newly Established Central Universities in India. • Estimating the Problem of Non-response and Measurement Error in Sample Survey.
Prof. Rahul Gupta	<ul style="list-style-type: none"> • Bayesian Analysis of Inverse Rayleigh Distribution under Non-Informative Prior for Different Loss Functions.
Dr. V.K. Shivgotra	<ul style="list-style-type: none"> • Ethnobotany of the Himalayas: Safeguarding Medical Practices and Traditional Uses of Kashmir Regions. • Factors associated with the morbidity pattern among the geriatric population of Jammu district, J&K: A cross-sectional study. • Effect of Seasonal Variations on Infant Mortality Rate of Some Selected Districts of Jammu Division. • Statistical Modelling for predicting infant mortality in some selected districts of Jammu division, J&K. • Gender wise prevalence of diabetes among the Indian population: A Meta-Analysis using R software. • Statistical evaluation of impact of fiber reinforcement on mechanical characteristics of restorative resin using one-way ANOVA. • Gender Prevalance of cardiovascular diseases in the geriatric population of India: A Meta analysis using R. • Health status of geriatric population residing in Jammu district, J&K, India. • Seasonal Variations in Infant Mortality for main death causes of Jammu division, J&K.

Healthy practice/practices of the Department, which Department would want to highlight

- Regular updation of Syllabi, availability and updation of modern and latest research tools for computing in the departmental laboratory.
- Regular organization of academic activities: Workshops, Conferences, Seminars etc.

Activities/Events Organized: Nil





Department of Chemistry

The Department of Chemistry, one of the oldest Departments of the University, was established in September 1962 under the aegis of the erstwhile University of Jammu & Kashmir. Set up with a meagre strength of faculty members, the Department now has seven Professors, one Associate Professor and two Assistant Professors. All the faculty members have excelled in their respective specializations in teaching as well as in research.

The students during their stay in the department are given rigorous training to meet the growing challenges in various sectors. Many of them are serving in industry, atomic energy establishments, as faculty members in Universities and Colleges and some have even excelled in administrative services. The Department was funded by the Department of Science and Technology (DST), New Delhi, under FIST programme (2009) for raising the infrastructure, purchasing of equipments, enhancing the library facility and strengthening the computer laboratory. It was then inducted under DRS-I (2010-14) for financial assistance approved in implementing the Special Assistance Programme (SAP) of UGC. The Department also received grants under the PURSE phase I programme of DST. In addition, the Department also received grant from RUSA 2.0 under Curriculum Reforms wherein the whole curriculum has been revised and scheduled to be implemented from session 2021 onwards.

The Department has established a Chemical Society which aims at familiarizing the students about latest developments, holding symposia, seminars and lectures by eminent scientific personalities.

Programmes offered by the Department

- M.Sc.
- M.Phil.
- Ph.D.

Thrust Areas of Research

- Coordination and Organometallic Chemistry
- Environmental Chemistry
- Solid State Organic Chemistry
- Liquid Crystals
- Synthetic Medicinal Chemistry
- Microwave Induced Organic Synthesis
- Membrane Science, Natural Products
- Heterocyclic Chemistry, Ionic Liquids
- Nano Catalysis and Green Chemistry
- Solution Chemistry
- Deep Eutectic Solvent Chemistry

Faculty Profile

Name of the Faculty	Qualification	Desugnation	Specialization	Experience in Years
Dr. Meena Sharma	Ph.D.	Professor	Materials Science / Solution Chemistry	29
Dr. Sushil K. Pandey	Ph.D.	Professor	Dithiophosphate Chemistry, Heterometallic cyclophosphazene Chemistry, Fluorine Chemistry pertaining to the synthesis CFC's alternatives and electrochemical fluorination, Metallo-organic Chemistry	26
Dr. Rajinder K. Bamezai	Ph.D.	Professor	Liquid Crystals and Chemistry of Solutions	26
Dr. Kamal K. Kapoor	Ph.D.	Professor	Synthetic Organic Chemistry, Medicinal Chemistry	26
Dr. Haq Nawaz Sheikh	Ph.D.	Professor	Coordination Chemistry, Metal-Organic Frameworks (MoF), Material Chemistry	24
Dr. Satya Paul	Ph.D.	Professor	Heterogeneous Catalysis, Green Chemistry, Synthesis of bio-active heterocycles	21
Dr. D.S. Sambyal	Ph.D.	Professor	Solid State and Materials Science	21
Dr. Gauri D. Bajju	Ph.D.	Associate Professor	Coordination Chemistry of Transition Elements, Organometallic Chemistry, Metallophorphyrins	34
Dr. Monika Gupta	Ph.D.,	Sr. Assistant Professor	Green Chemistry, Synthesis of bio-active heterocycles, Ionic Liquids	10
Dr. Ashwani Kumar	Ph.D	Assistant Professor	Solution Chemistry, Deep Eutectic Solvent Chemistry	10

Contractual Faculty in the Department

Name of the the Faculty	Qualification	Experience in Years
Dr. Annah Gupta	Ph.D.	03
Dr. Kuldeep Raj Sharma	Ph.D	08
Dr. Samriti Sharma	Ph.D.	01

Details of Research Projects including International projects and National Collaborative projects:
Nil

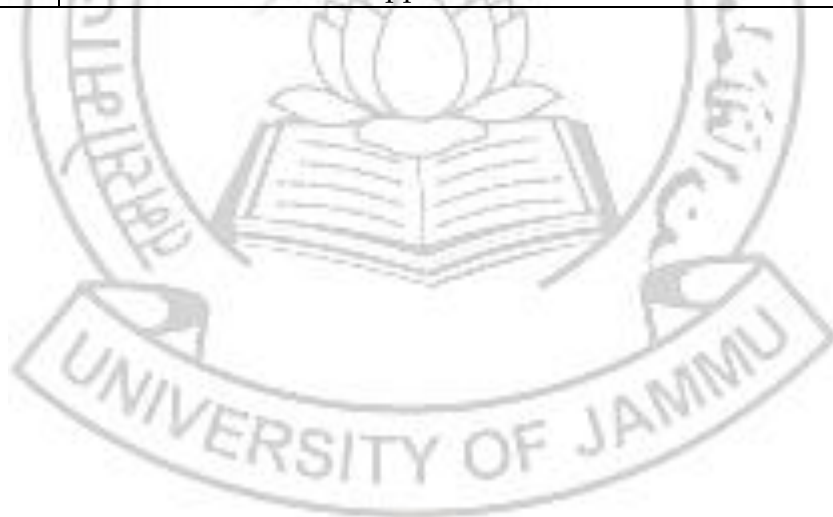
Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Meena Sharma	<ul style="list-style-type: none">• Concentration and Temperature Dependent Effects on Acoustical Parameters and Thermal Conductivity in Cobalt Oxide Nanofluids.• Concentration dependent comparison of antibacterial potentials of bulk and nano copper oxide.• Density, Speed of Sound, and Viscosity for Binary Liquid Mixtures of 2-(2-Ethoxyethoxy) ethanol with Methyl Acrylate, Ethyl Acrylate, or Butyl Acrylate from T= 288.15 to 318.15 K and P= 101 kPa.• Evaluation of Biological Activities of Chemically Synthesized Cobalt Oxide Nanoparticles in Concentration and Time Dependent Manner.• Investigations on Acoustical and Thermal Properties of Ethylene Glycol Based Nickel Oxide Nanofluids: Concentration and Temperature.• Molecular Interactions of Diphenhydramine-hydrochloride with Some Imidazolium-Based Ionic Liquids in Aqueous Media at T= 293.15-313.15 K: Volumetric, Acoustic, and UV Absorption Studies.• Molecular interactions of L-histidine in aqueous ionic liquid [C4mim][BF4] solution at different temperatures: volumetric, acoustic and viscometric approach.• Molecular interactions of non-steroid anti-inflammatory drug dolonex in aqueous solutions of L-alanine/L-valine at different temperatures: viscometric approach.• Physicochemical studies of L-valine and L-isoleucine in aqueous solutions of [Emim][HSO4] at different temperatures.• Study on molecular interactions of L-leucine in aqueous ionic liquid (1-butyl-3-methylimidazolium tetrafluoroborate) [C4mim][BF4] solution using density, speed of sound and viscosity measurements at various temperatures.• Synthesis of nickel oxide nanoparticles for the assessment of antioxidant and antibacterial potentials: concentration and time dependent approach.• Synthesis, characterization and concentration dependant antibacterial potentials of nickel oxide nanoparticles against Staphylococcus aureus and Escherichia coli.• Volumetric, acoustic and viscometric studies of L-histidine and L-serine in aqueous levofloxacin solutions at different temperatures and concentrations.

Prof. S.K. Pandey

- An insight into non-covalent interactions in the tetraphenylarsonium dithiophosphates: Synthesis, DFT and Hirshfeld surface analysis.
- Analysis of newly synthesized disulfides of aryldithiocarbonates and vanadium (V) and niobium (V) complexes of aryldithiocarbonates based on spectroscopic, thermogravimetric, SEM and DFT studies.
- Arsenic (III) complexes of substituted diphenyldithiophosphate: synthesis, characterization, single crystal X-ray, DFT, and Hirshfeld surface analysis.
- Nitrogen dioxide: Risk assessment, environmental, and health hazard.
- Coordination versus spodium bonds in the dinuclear Zn (II) and Cd (II) complexes with a dithiophosphate ligand.
- N-donor stabilized complexes of nickel (II) diphenyldithiophosphates: single-crystal X-ray, HSA and computational analysis.
- Nitrogen dioxide: Risk assessment, environmental, and health hazard.
- O,O'-Dimethyl diphenyldithiophosphates of titanium (IV): synthesis, spectroscopic, DFT and biological studies.
- Role of non-covalent interactions in the supramolecular architectures of mercury (ii) diphenyldithiophosphates: An experimental and theoretical investigation.
- Synthesis, single crystal X-ray, DFT and HSA of N-donor stabilized complexes of cobalt(II) diphenyldithiophosphate: An experimental and theoretical approach.



Prof. H.N. Sheikh

- A down converting serine-functionalised NaYF₄:Ce³⁺/Gd³⁺/Eu³⁺@NaGdF₄:Tb³⁺ photoluminescent probe for chemical sensing of explosive nitroaromatic compounds.
- An efficient down conversion luminescent probe based on a NaGdF₄:Eu³⁺/Ce³⁺ nanophosphor for chemical sensing of heavy metal ions (Cd²⁺, Pb²⁺ and Cr³⁺) in waste water.
- Asparagine Modified Downconversion NaGdF₄:Dy³⁺/Tb³⁺ Nanophosphor for Selective and Sensitive Detection of Cu (II) Ion.
- Citric acid assisted terbium doped cerium molybdate nanoparticles as photoluminescent probe for selective and sensitive detection of Pb²⁺ ion in aqueous solution.
- Coordination Polymers of Manganese (II), Cobalt(II), Nickel(II) and Cadmium(II) decorated with rigid Pyrazine-2,3-dicarboxylic acid linker: Synthesis, Structural diversity, DFT study and Magneto-luminescence Properties.
- Down Converting Serine-functionalised NaYF₄:Ce³⁺/Gd³⁺/Eu³⁺@NaGdF₄:Tb³⁺ Photoluminescent Probe for Chemical Sensing of Explosive Nitroaromatic Compounds.
- Lanthanide Contraction in Action: Structural Variations in 13 Lanthanide (III) Thiophene-2,5-dicarboxylate Coordination Polymers (Ln = La-Lu, except Pm and Tm) Featuring Magnetocaloric Effect, Slow Magnetic Relaxation, and Luminescence-Lifetime-based Thermometry.
- PEI Functionalized NaCeF₄:Tb³⁺/Eu³⁺ For Photoluminescence Sensing of Heavy Metal Ions and Explosive Aromatic Nitro Compounds.
- Solvothermal self assembly of three lanthanide (III)-succinates: Crystal structure, topological analysis and DFT calculations on water channel.
- Synthesis of eight isostructural 2D Lanthanide Coordination Polymers assembled by rigid Furan-2,5-dicarboxylic acid and flexible Adipic acid as linkers and exploration of luminescent Eu/Tb Polymers as efficient and sensitive sensors for Nitroaromatic Compounds.

Prof. Gauri D Bajju	<ul style="list-style-type: none"> • A hypervalent Bismuth (III) derivative of Tetrakis-4-methoxyphenyl porphyrin: Synthesis, spectroscopic characterization and morphological investigations. • Crystal Structure, Hirshfeld Surface Analysis, and Absorption Spectra of a New Polymorph of Highly Symmetric Tetraphenylporphyrinato Zn (II), ZnTPP. • Corrigendum to "A hypervalent Bismuth (III) derivative of Tetrakis-4-methoxyphenyl porphyrin: Synthesis, spectroscopic characterisation and morphological investigations" [Journal of Molecular Structure 1202 (2020) 127320] (Journal of Molecular Structure (2020) 1202, (S0022286019314292), (10.1016/j.molstruc.2019.127320)). • Preparations of Core H₂O-Bound 5, 10, 15, 20-Tetrakis-4-chlorophenyl Porphyrin, P 1, and O-Methylation of Phenol and Its P-Substituted Analogues. • Synthesis and characterisations of non-covalently bound aniline-indium (III) porphyrins. • Trans A₂B₂ Porphyrins: Synthesis, Crystal Structure Determinations and Hirshfeld Surface Analysis.
Prof. K.K. Kapoor	<ul style="list-style-type: none"> • An efficient synthesis of 4-phenoxy-quinazoline, 2-phenoxy-quinoxaline, and 2-phenoxy-pyridine derivatives using aryne chemistry. • Beckmann Rearrangement: Thiamine hydrochloride as a remarkable catalyst for one-pot synthesis of amides from ketones. • Diverse structural assemblies of a series of ninhydrin derivatives: Quantitative analyses from experimental and theoretical studies. • Experimental and computational studies on the removal of crystal violet dye from aqueous solution using juglans regia leaves treated with acetic acid and L-arginine. • Facile one-pot multicomponent synthesis of highly functionalized tetrahydropyridines using thiamine hydrochloride as an organocatalyst. • Graphene oxide: an efficient carbocatalyst for the solvent-free synthesis of 2-(substituted benzoyl)-3-(substituted phenyl) imidazo [1,2-a]pyridines. • Intramolecular oxidative rearrangement: I₂/TBHP/DMSO-mediated metal free facile access to quinoxalinone derivatives. • Malononitrile-activated synthesis and anti-cholinesterase activity of styrylquinoxalin-2(1H)-ones. • Synthesis, Characterization, Crystal Structure, Molecular Docking Analysis and Other Physico-Chemical Properties of (E)-2-(3,4-Dimethoxystyryl) Quinoline. • TAPSO^{**}: A Highly Efficient and Ecofriendly Catalyst for the Synthesis of α-Aminophosphonates and Tetrahydropyridines ^{**}3-[N-Tris(hydroxymethyl)methylamino]-2-hydroxypropanesulfonic acid.

Prof. R.K. Bamezai	<ul style="list-style-type: none"> • Densimetric, acoustic and viscometric behavior of sucrose solutions in aqueous 1-butyl-3-methylimidazolium hexafluorophosphate at different temperatures and ambient pressure. • Solution properties of an antidiabetic drug metformin hydrochloride in aqueous urea and thiourea solutions: A physicochemical study. • Synthesis, Thermal Analysis, and Crystal Structure of Hydrogen Bonded Mesogen Derived from 4-Octylbenzoic Acid and 4,4'-Bipyridine. • Thermodynamic and Spectroscopic Studies of Pentoxifylline in Aqueous Glucose/Lactose Solutions.
Prof. Satya Paul	<ul style="list-style-type: none"> • Biomass-derived activated carbon-supported copper catalyst: An efficient heterogeneous magnetic catalyst for base-free Chan-Lam coupling and oxidations. • Dereplication Based Strategy for Rapid Identification and Isolation of a Novel Anti-inflammatory Flavonoid by CMS/MS from <i>Colebrookea oppositifolia</i>. • Effect of Co, Ti substitutions in Mg, Al-layered double hydroxides on the physico-chemical properties and catalytic activity in oxidative transformations. • Green synthesis of bis (pyrazol 5 ole) and pyrazolopyranopyrimidine derivatives via mechanochemistry using chitosan as a biodegradable catalyst. • Modified graphene supported Ag-Cu NPs with enhanced bimetallic synergistic effect in oxidation and Chan-Lam coupling reactions. • Nanobiocatalysts for efficacious bioconversion of ionic liquid pretreated sugarcane tops biomass to biofuel. • Nano-rod like morphology of Ni@Fe₃O₄-NDCs on interaction of NDC-supported Fe₃O₄ with nickel NPs: An efficient catalyst for ligand free Chan-Lam coupling reaction in aqueous medium. • Nitrogen doped carbon-silica based Cu(0) nanometal catalyst enriched with well-defined N-moieties: Synthesis and application in one-pot synthesis of 1,4-disubstituted-1,2,3-triazoles. • Pd Nanoparticles decorated on ZnO/Fe₃O₄ cores and doped with Mn²⁺ and Mn³⁺ for catalytic C-C coupling, nitroaromatics reduction, and the oxidation of alcohols and hydrocarbons. • Promising photocatalytic degradation of methyl orange dye via sol-gel synthesized Ag-CdS@Pr-TiO₂ core/shell nanoparticles. • TEMPO supported amine functionalized magnetic Titania: a magnetically recyclable catalyst for the aerobic oxidative synthesis of heterocyclic compounds. • Triflic Acid Functionalized Carbon@ Silica Composite: Synthesis and Applications in Organic Synthesis; DFT Studies of Indeno [1, 2-b] indole.

Dr. Ashwani Kumar	<ul style="list-style-type: none"> • A comprehensive study on molecular interactions of L-ascorbic acid/ nicotinic acid in aqueous [BMIm]Br at varying temperatures and compositions: Spectroscopic thermodynamic and insights. • Analysis of interactions between streptomycin sulphate and aqueous food acids (L-ascorbic acid and citric acid): Physico-chemical and spectroscopic insights. • Apparent molar volume, isentropic compressibilities, viscosity B-coefficients and activation parameters of thiamine hydrochloride in aqueous solutions of saccharides at different temperatures. • Effect of choline chloride and urea based deep eutectic solvent on the physicochemical properties of salicylic acid and salicylamide at T = (288.15 to 313.15) K. • Investigations on volumetric, compressibility and viscometric properties of L-ascorbic acid and thiamine hydrochloride in aqueous 1-ethyl-3-methylimidazolium hydrogen sulfate solutions at different temperatures. • Physicochemical studies of synthesized biscoumarin [3,3-(phenylmethylene)bis(4-hydroxy-2H-chromen-2-one)] in DMSO and various percentage compositions of ethanol in DMSO from 288.15 to 313.15 K. • Temperature dependent physicochemical investigations of some nucleic acid bases (uracil, thymine and adenine) in aqueous inositol solutions.
Dr. Monika Gupta	<ul style="list-style-type: none"> • Ethylenediamine functionalized cellulose acetate [CAEDA]: Nanosized solid base catalyst in the synthesis of 2-amino-4H-chromenes and 5-substituted-1H-tetrazoles. • Fabrication and characterization of adenine grafted carbon modified amorphous ZnO with enhanced catalytic activity. • Hybrid Ceria and Chitosan supported Nickel Nanoparticles: A recyclable nanocatalytic system in the Reduction of Nitroarenes and Synthesis of Benzopyran derivatives". • Magnetically separable nanocatalyst (IL@CuFe₂O₄-L-Tyr-TiO₂/TiTCIL): Preparation, characterization and its applications in 1,2,3-triazole synthesis and in photodegradation of MB. • Modified graphene supported Ag-Cu NPs with enhanced bimetallic synergistic effect in oxidation and Chan-Lam coupling reactions.

Activities/Events Organized: Nil.

Healthy practice/practices of the Department, which Department would want to highlight

- Chemical Society: The election of office bearers for Chemical Society is done from amongst the students by election.
- The Department is actively engaged in overall development of academic environment.
- It organizes regular lectures to improve students' knowledge.

- Career Counseling & Guidance conducted.
- Encouraging students to voice their opinions, clarify doubts for obtaining clarity in the topic(s). Students have the opportunity to meet with faculty members during regular office hours to bring ideas.



Department of Electronics

Department of Electronics became an independent department in 2017, after bifurcation of Department of Physics and Electronics. The post graduate programme in Electronics was, however, offered in the Department of Physics & Electronics since the year 1995. The M.Sc. Electronics is a two years (four semesters) programme with a total of 96 credits including two open courses of 4-credit each in 3rd and 4th semesters. The Department, apart from teaching, is engaged in research in the field of 1) Fabrication and Characterization of Thin Films based Devices 2) Gate Stacks using High-k Dielectrics 3) Hybrid Solar Cells and GaN based LEDs 4) Device and Circuit Simulation 5) Low Voltage Circuit Design 6) Speech Signal Processing 7) Machine Learning based Automation 8) IoT based Systems 9) Smart Sensor Design 10) Energy Efficient Systems 11) Computer Vision and Robotics 12) Biomedical Signal Processing and 13) Digital Signal Processing. The faculty of the department have individual collaborations with scientists in the National Laboratories and Universities abroad. The department has been able to publish nearly 100 research papers with good impact factor in internationally reputed journals and two patents during the past five years.

The present research facilities of the department include research licensed ORCAD PSpice and Silvaco T-CAD Software for circuit and device Simulation Lab. The Departmental library houses a wide spectrum of national and international journals/periodicals in addition to around 6600 text/reference books. Internet facility is provided in the laboratory for the scholars/students for their research & project work.

Industrial training is an important component of M.Sc. (Electronics) course curriculum. The students of the department have been visiting various national institutes like NITTTR Chandigarh, BBRAITT Jabalpur, BSNL, SCL Mohali, DOEAC, etc. The students of the department have also been regularly qualifying NET/JRF/SET and pursuing research in the reputed National Institutes as well as in the department itself. Some of the alumni have been absorbed in MNCs, higher & school education departments of the J&K Govt, BSNL, Defence, PSUs, etc.

Programmes offered by the Department

- M. Sc. Electronics.
- M.Phil.
- Ph.D.

Thrust Areas of Research

- Fabrication and simulation of Nano and Photovoltaic Electronic Devices
- Digital Signal Processing for Computer Vision, Robotics, Speech, and Biomedical Fabrication of TENG based device
- Hybrid Solar Cells and GaN based LEDs
- Low Voltage Circuit Design
- Machine Learning based Automation
- IoT based Systems
- Smart Sensor Design

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Rakesh Vaid	Ph.D.	Professor	Simulation, fabrication and characterization of Advanced Semiconductor Devices, Nanotechnology	30
Dr. Parveen Kumar Lehana	Ph.D.	Professor	Biomedical Instrumentation, Signal processing, Machine Learning	29
Dr. Susheel Kumar Sharma	Ph. D.	Professor	Analog Electronics	25
Dr. Rockey Gupta	Ph. D.	Assistant Professor	Low Voltage Analog and digital circuits	18

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Usha Parihar	Ph.D.	08
Dr. Richa Gupta	Ph.D.	02

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. P.K. Lehana	<ul style="list-style-type: none"> Gray level co-occurrence matrix (GLCM) parameters analysis for pyoderma image variants. Fractal-based speech analysis for emotional content estimation. Scene based classification of aerial images using convolution neural networks. Identifying COVID-19 pneumonia using chest radiography using deep convolutional neural networks. Effect of blurring on identification of aerial images using convolution neural networks. Impact of post-annealing of tunnel oxide on the electrical characteristics of Pt-Ti/HfO₂/TiN/SiON/n-Si capacitor for flash memory applications.
Prof. Rakesh Vaid	<ul style="list-style-type: none"> Flash memory devices with metal floating gate/metal nanocrystals as the charge storage layer: a status review. Impact of post-annealing of tunnel oxide on the electrical characteristics of Pt-Ti/HfO₂/TiN/SiON/n-Si capacitor for flash memory applications. Structural and Electrical Characteristics of ALDTiO₂/SiON/n-Si Gate-Stack for Advanced CMOS Device Applications.

Prof. Susheel Sharma	<ul style="list-style-type: none"> • Computational Study of CH₃NH₃PbI₃- xClX Perovskite Solar Cell with Record Efficiency of 33.19%. • Ethnobiology of lichens of North Western Himalayas.
Dr. Rockey Gupta	<ul style="list-style-type: none"> • Computational Study of CH₃NH₃PbI₃- xClX Perovskite Solar Cell with Record Efficiency of 33.19%. • Device simulation of FASnI₃ based Perovskite Solar cell with Zn(O_{0.3}, S_{0.7}) as electron transport layer using SCAPS-1D.

Activities/Event Organized: Nil

Healthy practice/practices of the Department, which Department would want to highlight: Nil



Department of Geography

The Department of Geography, established in 1988, is recognized as one of the youngest geography departments in northern India. Despite its relative youth, the department has made significant contributions to both physical and human geography. In 2016, it received support from the Department of Science and Technology (DST) under the Fund for Improvement of S&T Infrastructure (FIST) program, enhancing its research capabilities and academic growth.

The Department of Geography stands out for its comprehensive curriculum that prioritizes hands-on field studies. Through rigorous physical and socio-economic surveys, as well as extensive all-India tours, students gain invaluable exposure to India's diverse physical and cultural landscapes. These immersive experiences not only enhance their academic understanding but also foster practical skills that are essential in real-world applications. Additionally, students are trained in Geographic Information Systems (GIS) and Remote Sensing, where they grasp both theoretical and practical aspects. They also work on projects using this advanced software, further solidifying their technical proficiency and analytical capabilities.

Students of the department have a strong track record of success, securing positions across a wide spectrum of fields including academia, administration and industry. The two-year program is designed to promote holistic personality development, preparing students for both government and non-government roles. This balanced approach to education ensures that graduates are not only academically proficient but also possess the soft skills and practical experience required in the workforce. The department's emphasis on field studies, combined with its focus on comprehensive development, underscores its role in shaping well-rounded, capable professionals.

A unique aspect of the department is its pioneering role in introducing Mountain Geography as a specialized course at the postgraduate level. This innovation allowed students to explore these crucial areas in greater depth. Moreover, the department has produced extensive research on the glaciers of Jammu and Kashmir, Ladakh, and Himachal Pradesh, contributing valuable insights into these vital natural resources.

The current research focus of the department is on the evaluation and management of Himalayan resources, encompassing a broad range of topics, including agriculture, forest ecology, population studies, gender studies, tourism, regional planning, geomorphology, hydrology, cultural geography, and environmental management. The department's work in these areas is driven by a commitment to sustainable development and effective management of the Himalayan region's diverse resources.

Field-based studies are a cornerstone of the department's academic and research approach, incorporating physical surveys, socio-economic surveys and field tours. In agriculture, research efforts are directed towards understanding the unique challenges and opportunities presented by the Himalayan terrain and climate. Forest ecology studies aim to preserve and enhance the region's biodiversity, while population and gender studies seek to improve the quality of life for local communities. Tourism and regional planning research focuses on developing sustainable practices that benefit the local economy without compromising the environment.

Geomorphology and hydrology are critical areas of study, given the significance of the Himalayan Mountains and river systems. Research in these fields aims to understand the physical processes shaping the landscape and develops strategies for managing water resources effectively. Cultural

geography studies explore the rich cultural heritage of the Himalayan region, examining how cultural practices and traditions interact with the environment.

Finally, environmental management research is also a focus of the department's efforts, focusing on developing strategies to mitigate the impacts of climate change and human activities on the Himalayan ecosystem. By integrating insights from various subfields of geography, the department strives to contribute to the sustainable development and conservation of the Himalayan region, ensuring that its natural and cultural resources are preserved for future generations.

The outcome of the research of the department conducted by the Research scholars and Faculties found its place in the well reputed National/International SCI Journals with high impact factors such as Remote Sensing, Environmental Monitoring and Assessment, Modeling Earth Systems and Environment, Journal of Himalayan Ecology and Sustainable Development, Journal of Indian Society of Remote Sensing, Geo Journal, Research Journal of Agricultural Sciences, Geology, Ecology and Landscape, Agricultural Mechanization in Asia, Africa and Latin America (AMA), The Geographer, Deccan Geographer, Transactions etc.

Programmes offered by the Department

- M.Sc.
- Ph.D.

Thrust Areas of Teaching and Research

- Himalayan Resource Evaluation and Management

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Prof. Anuradha Sharma	Ph.D.	Professor	Resource & Gender Studies	28
Dr. Mohd. SarfarazAsgher	Ph.D.	Sr. Assistant Professor	Environment Planning & Management	15
Dr. Shashi Prabha	Ph.D.	Assistant Professor	Agriculture Geography	20
Dr. InderJeet Singh	Ph.D.	Assistant Professor	Agriculture Geography, Remote Sensing & GIS	09

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. TajinderKour	Ph.D.	08
Dr. Davinder Singh	Ph.D.	03

Details of Research Projects (Major/Minor) Undertaken

Project Title	Name of the Funding Agency	Total Grants Sanctioned (In lacs)	Duration	Status (Ongoing/ Completed)
National Agricultural policy : A gateway of poverty alleviation and sustainable development in Jammu Province of J&K state	UGC	₹ 15.82	03	Completed
Improvement in Socio-Economic conditions of Tribals of SuruZanskar Valley (Kargil) Through Technological Intervention	DST New Delhi	₹ 46.42	03	Ongoing

Collaborations/Linkages: Nil

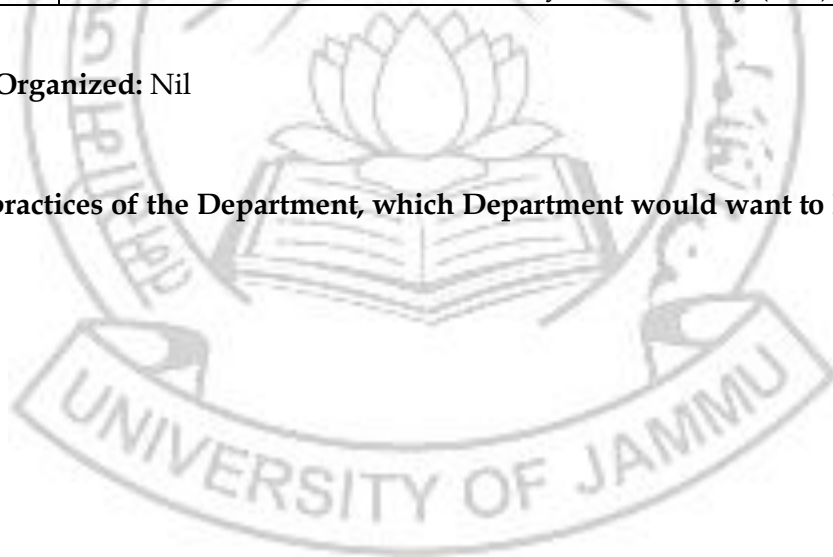
Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Anuradha Sharma	<ul style="list-style-type: none"> • Changing climate and depleting water resources in the mountains with a case study from the Himalayas. • Impact of climate change on wetlands, concerning Son Beel, the largest wetland of North East, India. • A Geographical Analysis of use of Ethno-Medicinal Plants by the villagers of Bhaderwah Forest. • A Study of Living Conditions of POJK Displaced Persons in Jammu District.
Dr. Inderjeet Singh	<ul style="list-style-type: none"> • Spatial Patterns of Agricultural development in Jammu Province: A Tehsil Level Analysis. • Regional Variations in Living Space in Himachal Pradesh: A Geographical Analysis. • Disparities at the Level of agricultural infrastructure Development in Jammu Province: A Geographical analysis.
Dr. Shashi Prabha	<ul style="list-style-type: none"> • A Study of Development in agriculture in Jammu Province of Union Territory of Jammu qand Kashmir. • A Study of Crop Intensity Parameter in Jammu Province of Union Territory of Jammu and Kashmir.

<p>Dr. Mohd. Sarfraz Asgher</p>	<ul style="list-style-type: none"> • Assessing the role of ICDS for the betterment of nursing women & their Children: A geographical assessment of Jammu Province. • Children: A geographical Assessment of Jammu Province. • Assessing human interactions and sustainability of wetlands in Jammu, India using geospatial technique. • Coastal vulnerability mapping by integrating Geospatial Techniques and analytical hierarchy process along the Vishakhapatnam coastal tract, Andhra Pradesh, India. • Assessment of quality of water and its impact on health of slum dwellers in Jammu City. • Lake water volume calculation using time series LANDSAT satellite data: a geospatial analysis of deeper BEEI Lake, Guwahati. • Computational Analysis of the Water Quality and Eutrophication Status Using Water Quality Index of Gharana Wetland Reserves in Jammu (J&K) India. • Resource Potential and Carrying analysis of River Tawi sub-Watersheds, Jammu (India) using Geospatial Techniques. • Trend Analysis of Temperature and Rainfall using Mann Kendall Test and sens Slope Estimator in Bhaderwah Tehsil of Jammu District. • A Geographer Study of Domestic Violence and its impact on the Health of women: A case study of Jammu city (J&K), India.
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Activities/Events Organized: Nil

Healthy practice/practices of the Department, which Department would want to highlight: Nil



Department of Geology

Geology, as subject, was introduced, as early as 1907, at Prince of Wales College, rechristened as Govt. Gandhi Memorial Science College, identifying it as second oldest Geology Department in India, next only to Presidency College, Calcutta. Geology, as a subject, was introduced at Jammu by none other than Dr DN Wadia, FRS, who authored the well known text book “Geology of India” published in 1919. The post graduate teaching in Geology, initiated in Science College under the academic control of Punjab University, Lahore, was discontinued in thirties and forties of 20th Century probably due to recession and was subsequently reintroduced at post graduate level in 1948 under the academic control of the then University of Jammu and Kashmir. The University took this department under administrative control in 1956 being the first science subject taught at postgraduate level. After the bifurcation of University of Jammu and Kashmir into University of Jammu and University of Kashmir, the Post Graduate Department of Geology got affiliated to the University of Jammu in 1969.

The Department of Geology produced students with high quality research work. The students trained by the Department have risen to high executive and academic positions. Two former Director Generals (then known as Directors) of the Geological Survey of India and Pakistan have been the alumni of the Department. Two of the alumni assumed the mantle of leaders of expeditions to Antarctica, one was a member of the first successful Indian team that scaled Mount Everest and the same person was deputy leader of the first Indian expedition to Antarctica. The research work of scholars and the faculty of the Department is published in several International journals of repute and high impact factor, namely NATURE, Earth and Planetary Science Letters, Paleogeography Paleoclimatology and Paleoecology, Journal Geological Society of London, Journal of Geochemical Exploration, Zeitschrift fur Geomorphologie, Journal of Asian Earth Sciences, Petrology, Palaeontology, Journal of Paleontology, Journal of Vertebrate Paleontology, Geobios, Cretaceous Research and Tertiary Research.

The Department is recognized under FIST-Level II and has received UGC assistance at the level of DRS-1 under Special Assistance Programme (SAP).

Programmes Offered by the Department

- M.Sc. (Applied Geology)
- M. Phil.
- Ph.D.

Thrust Areas of Research

- Biostratigraphy, Palaeontology and Sedimentology
- Ore Genesis and Mineral Exploration
- Climate Change, Cryosphere & Quaternary Climate
- Remote Sensing & GIS Application
- Landslide Hazard Zonation
- Seismology and Active Tectonics

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. G .M. Bhat	Ph. D	Professor	Sedimentology, Structural Geology and Eng. Geology	35
Dr. R.K. Ganjoo	Ph. D	Professor	Quaternary Geomorphology, Climate Change and Glaciology	32
Dr. P.K. Srivastava	Ph. D	Professor	Mineral Exploration, Economic Geology	28
Dr. A.S. Jasrotia	Ph. D	Professor	Remote Sensing & GIS	25
Dr. S.K. Pandita	Ph. D	Professor	Sedimentology, Disaster Management	25
Dr. Varun Parmar	Ph.D	Associate Professor	Vertebrate Palaeontology	18
Dr. Som Nath	Ph.D	Assistant Professor	Sedimentology & Palaeontology	14
Dr. Yudhbir Singh	Ph.D	Assistant Professor	Engineering Geology	11

Contractual Faculty in the Department

Name of the Faculty	Qualification	Expreience in Years
Dr. Naveen Hakhoo	Ph.D.	07
Mr. Ravi Sharma	M.Sc.	03
Mr. Sumit Khullar	M.Sc.	03

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (In lakhs)	Status (Ongoing / Completed)
Seismotectonic analysis of Jammu region and its adjoining areas (2014-2019)	MoES, GoI	₹ 206.96	Ongoing
Seismic hazard assessment in the Kashmir Himalaya using geological, seismological and geodetic data (2014-2019)	MoES, GoI	₹ 163.86	Ongoing
Crustal deformation studies and active fault mapping in Jammu and Kashmir region (2014-2019)	MoES, GoI	₹ 158.54	Ongoing
Mega- and microfloristics of the Permo-Carboniferous sediments of Kashmir region: evolutionary, biostratigraphical, palaeoecological and palaeophytogeographical implications	BSIP DST	₹ 23.96	Ongoing
Biodiversity and Palaeobiogeography of the Microbiota from the Deccan Infra and Intertrappean beds of the Malwa Plateau, Central (2018-2021)	DST-SERB	₹ 37.36	Ongoing
Delineation of new fossil yielding sites in the upper and middle Siwalk subgroup of Jammu Province, J&K, India Seed Grant for Assistant Professor (2019)	RUSA	₹ 1.00	Completed

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. G.M. Bhat	<ul style="list-style-type: none">• Recent developments in proterozoic-mesozoic successions of the northwest Himalaya.• Microfacies analysis, depositional environment and ecology of neoproterozoic limestone of sincha formation, kathua district, Jammu.• Petrography, provenance and diagenesis of Murree Group of rocks exposed along Basohli- Bani Road, Kathua, Jammu.• Sediment Budget and Sediment Trap efficiency of Baglihar Hydroelectric project Reservoir–a calibrated model for prediction of longevity of the Dam.
Prof. Varun Parmar	<ul style="list-style-type: none">• First ornithischian and Theropod Dinosaur Teeth from the Middle Jurassic Kota Formation of India: Paleobiogeographic Relationships.• Phanerozoic Mass Extinctions and Indian Stratigraphic Records.• Anuran Lissamphibian and Squamate Reptiles from the Upper Cretaceous (Maastrichtian) Deccan Intertrappean Sites in Central India, with a Review of Lissamphibian and Squamate Diversity in the Northward Drifting Indian Plate.• First Ornithischian and Theropod Dinosaur Teeth from the Middle Jurassic Kota Formation of India: Paleobiogeographic Relationships.• Phanerozoic mass extinctions and Indian stratigraphic records.
Prof. S.K. Pandita	<ul style="list-style-type: none">• Microfacies analysis, depositional environment and ecology of neoproterozoic limestone of sincha formation, kathua district, Jammu.• Facies evaluation, depositional environment and palaeoflow of the Lower Siwalik Subgroup, Ramnagar, Jammu, India.
Dr. Somnath	<ul style="list-style-type: none">• Dynamics of Climate: Journey of Development and Evolution.
Dr. Yudhbir Singh	<ul style="list-style-type: none">• Sediment Budget and Sediment Trap efficiency of Baglihar Hydroelectric project Reservoir–a calibrated model for prediction of longevity of the Dam.

Activities/Events Organized: Nil

Healthy practice/practices of the Department, which Department would want to highlight

A number of collaborative research programme, both international and national, are being undertaken by the faculty members. The students and scholars are encouraged to interact with the collaborators. Many of our scholars have visited the foreign laboratories and have won various national and international awards. The students' driven "Geoclub" has been started from 2016 where students organized Field Photograph and specimen exhibitions, Geological Quiz programmes, lectures etc.

Department of Home Science

Home Science is an applied discipline. It contributes to the improvement of quality of Life of individuals and families, which ultimately results in national development. Interdisciplinary field of Home Science contributes for the benefit of families and the community at micro and macro levels to gear the change and development in the desired direction.

The Department of Home Science, University of Jammu has been offering Master's Degree in Human Development and Doctoral Degree in Home Science since 1988, when it started in a few rooms atop the Department of Geology. The Department has come a long way to being recognized as one of the prominent Home Science Institution at the national level. Over the years, the student's strength increased from 15 to 20 along with a considerable increase in the number of research scholars. It has developed linkages with state, regional and national level organizations like NIPCCD, NCERT, UGC, Mission Vatsalya, Mission Poshan. The Department excels in training human resources in various fields of Human Development like Early Childhood Care and Education, Disability Studies, Child and family welfare. Many of the alumni are well placed in Human Development related fields within and outside India bringing laurels to the Department.

The Department has contributed to the scientific community through its publications and research activities which have now been consolidated in development of five specialized laboratories: Development Stimulation Laboratory, Screening and Assessment laboratory, Health and Well- being laboratory, Outreach Laboratory, and Parenting and Family Research Laboratory.

The major contribution of the Department has also been in establishing a centralized facility in the form of Surabhi Nursery School and Day Care Centre which is boon for the employees of the University of Jammu and its affiliated colleges.

Mission of the Department: *Overcoming Under Development for Societal Excellence.*

Programmes offered by the Department:

- Ph.D (Home Science)
- M.Sc. Home Science (Human Development)

Thrust Areas of Research

- Human Development
- Early Childhood Development, ICDS
- Parenting , Parental Beliefs and Traditional Care Practices
- Persons with Special needs
- Adolescence, Senescence
- Reproductive and Post Reproductive Health
- Persons in Difficult Circumstances
- Tribal Groups
- Family Life Education
- Schooling and Academic performance
- Girl Child and Gender Issues
- Health and Well being

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Shashi Manhas	Ph.D.	Professor	Gender issues, ECCE, ICDS, Adolescent issues	24
Dr. Rajni Dhingra	Ph.D.	Professor	Early Childhood Development, ICDS impact evaluation, Parenting, Adolescence (with specific emphasis on Adolescent Health), Tribal studies	32
Dr. Neeru Sharma	Ph.D.	Professor	Adolescence issues, Health issues for women and girls, Gender issues, Gerontology, Research methodology	29
Dr. Samridhi Arora	Ph.D.	Professor	Early Childhood Care and Education, Child Rights, Tribal issues, Evaluative Studies, Gerontology, health issues related to Adolescents and women	20
Dr. Sarika Manhas	Ph.D.	Associate Professor	Disability studies, Parenting, Tribal issues, Evaluative Studies, vulnerable children	18

Contractual Faculty in the Department: Nil

Details of Research Projects including international projects and national collaborative projects:
Nil

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Dr. Shashi Manhas	<ul style="list-style-type: none"> • Determinants of gender preference and declining sex ratio. • Assessment of Nutritional awareness among rural adolescent girls of Jammu.
Dr. Sarika Manhas	<ul style="list-style-type: none"> • Decoding body image among adolescent girls: A detailed review. • Nutritional deficiencies among gujjar children of udhampur district of J&K.

Dr. Neeru Sharma	<ul style="list-style-type: none"> • Factors affecting health seeking behaviour among women during menopausal transition. • Health seeking behaviour among young adult tribal women of Jammu and Kashmir. • Health Seeking Behaviour of Gujjar Women of Jammu: Relationship with Some Selected Variables. • Parenting: Cultural construction of Maternal Beliefs about child rearing among Dogras' of Jammu. • Women's health through the life span.
Dr. Samridhi Arora	<ul style="list-style-type: none"> • Factors Affecting Health Seeking Behaviour among Women during Menopausal Transition. • Health Seeking Behaviour of Gujjar Women of Jammu: Relationship with Some Selected Variables.

Activities/Events Organized:

- Department of Home Science (Human Development), University of Jammu organized a three-day online workshop on disabilities themed 'Towards Inclusion for persons with disabilities'. The workshop was inaugurated by Prof. Kusumlata Malik, President of National Federation of the Blind and member of the Women Committee of the World Blind Union. In her address, she congratulated the University of Jammu for constantly working for the welfare of the disabled community. She emphasized the need for creating an inclusive society that is based on principles of equality and accessibility. She stated that if inclusion becomes the cornerstone of the education system it would pave the way for societal inclusion automatically. According to her, empathy and compassion for the disabled is a primary requirement for inclusion. Prof. Rajni Dhingra, Dean Research Studies, JU was the Chief Guest. The key resource persons for the workshop were Ms. Sukanya Bhan, Multimedia Journalist and Sign Language interpreter; Ms. Sandhya Dhar, Founder & Director, JIGER; Dr. Bharti Tandon, Associate Professor, College of Education, MIER Institute, Jammu; and Ms. Neha Kalra, District Resource Person- Inclusive Education, Jammu. The workshop was attended by students, research scholars, teachers and social workers of repute.

Healthy practice/practices of the Department, which Department would want to highlight: Nil

Department of Physics

The Department of Physics was established in 1967 and offers four specializations in the front line areas of research namely Condensed Matter Physics, High Energy Physics, Nuclear theory and Solid State Electronics. Our post graduate laboratories offer a comprehensive range of equipment allowing students to explore some of the most modern concepts in physics. The students are provided with computing facility to permit easy access to the web, to process data and carry out simulations. The Department is thus, well equipped with necessary facilities and resources for teaching, higher learning and research. Each of the research laboratories are equipped with state of art research facilities. The High Energy Physics group of the Department of Physics has been collaborating in various frontline experiments based at CERN (European Centre for Nuclear Research), Geneva, Switzerland since 1985, at Fermilab and Brookhaven, USA, Compressed Baryonic Matter (CBM) experiment at the FAIR facility at GSI, Darmstadt in Germany. As a part of the ALICE Collaboration, HEP group is also a part of a worldwide distribution network of the computing resources for data analysis (the LHC GRID) as a TEIR 3 centre. In our efforts to set up this GRID facility we aim at developing the High Energy Physics Lab at Jammu University to be a viable centre for data analysis of large experiments.

The X-ray Crystallography group of the Department is also a part of a collaborative research work with several Indian institutes/universities and also with Harvard University, Washington DC in the US. There is a Diffractometer facility funded by the DST. The Crystal Growth group also is a part of the collaborative effort with some universities in UK and India.

Programmes offered by the Department

- M.Sc.
- M.Phil.
- Ph.D.

Thrust Areas of Research

- Experimental High Energy Physics
- Theoretical Nuclear Physics
- Physics of Materials
- X-ray Crystallography
- Crystal Growth and Material Research

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Naresh Padha	Ph.D	Professor	Solid State Electronics	31
Dr. Rajnikant	Ph.D	Professor	X-ray Crystallography (Condensed Matter Physics)	31
Dr. Anju Bhasin *	Ph.D	Professor	High Energy Physics	26
Dr. Vivek Gupta	Ph.D	Professor	X-ray Crystallography (Condensed Matter Physics)	25
Dr. S.S. Sambyal	Ph.D	Professor	High Energy Physics	25

Name	Qualification	Designation	Specialization	Experience in years
Dr. Arun Bharti	Ph.D	Professor	Nuclear Theory	28
Dr. K.K.Bamzai	Ph.D	Professor	Crystal Growth & Material Research(CGMR)	24
Dr. Ramni Gupta	Ph.D	Associate Professor	High Energy Physics	19
Dr. Rani Devi	Ph.D	Assistant Professor	Nuclear Theory	16
Dr. Sandeep Arya	Ph.D	Assistant Professor	Electronics	12

* [On lien as Vice Chancellor, Cluster University of Jammu](#)

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Bindu Raina	Ph.D.	04
Dr. Arun Banotra	Ph.D.	04

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (in lakhs)	Status (Ongoing/ Completed)
ALICE upgrade, operation and Utilization	DST, GoI	₹ 615.00	Ongoing
Updating and computing of regional WLCG GRID	DST, GoI	₹ 26.80	Ongoing
Evolution of quasi particle structure of some deformed nuclei lying in the mass range $100 \leq A \leq 150$.	SERB, GoI	₹ 7.59	Ongoing
Electrochemical synthesis of nano wires and their physiochemical parametric evaluations for sensor application	SERB, GoI	₹ 49.17	Ongoing

Details of Research Projects (Major/Minor) Undertaken

Name of the Faculty Member	Project Title	Name of the Funding Agency	Total Grants Sanctioned (₹ in lakhs)	Status (Ongoing/ Completed)
Dr. S.S Sambyal	ALICE Operational & Utilization for R&D	DST, GOI	₹ 615.00	ongoing
Dr. Sandeep Arya	Electrochemical synthesis of nano-wires and their physio-chemical parametric evaluations for sensor applications	SERB, GOI	₹ 49.17	Ongoing
Dr.Vivek Kumar Gupta	RUSA Project	University of Jammu RUSA 2.0	₹ 2.50	Ongoing
Dr. K.K Bamzei	Nanoparticle synthesis of pure and doped rare	RUSA	₹ 3.84	Ongoing

Name of the Faculty Member	Project Title	Name of the Funding Agency	Total Grants Sanctioned (₹ in lakhs)	Status (Ongoing/ Completed)
	earth phosphate, its characterization and studying properties for electroptic applications			
Dr. Sandeep Arya	Ni based nanowires as supercapacitors (Seed Money)	RUSA	₹ 1.00	Completed

Collaborations:

- ALICE Collaboration (High Energy Physics)
- STAR Collaboration (High Energy Physics)
- CBM Collaboration (High Energy Physics)

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Anju Bhasin	<ul style="list-style-type: none"> • Extending the ALICE strong-interaction studies to nuclei: measurement of proton-deuteron correlations in pp collisions at $\sqrt{s} = 13$ TeV. • Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. • Azimuthal anisotropy measurements of strange and multistrange hadrons in U+ U collisions at $\sqrt{s_{NN}} = 193$ GeV at the BNL Relativistic Heavy Ion Collider. • Beam energy dependence of net- Λ fluctuations measured by the STAR experiment at the BNL Relativistic Heavy Ion Collider. • Beam-energy dependence of the directed flow of deuterons in Au+Au collisions. • Bulk properties of the system formed in Au+Au collisions at $\sqrt{s_{NN}} = 14.5$ GeV at the BNL STAR detector. • Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. • Centrality dependence of J/ψ and $\psi(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. • Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. • Coherent J/ψ and ψ' photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. • Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. • Comparison of transverse single-spin asymmetries for forward π^0 production in polarized pp, pAl and pAu collisions at nucleon pair c.m. energy $\sqrt{s_{NN}} = 200$ GeV.

Prof. Anju Bhasin

- Comparison of transverse single-spin asymmetries for forward π^0 production in polarized pp, pAl and pAu collisions at nucleon pair c.m. energy $\sqrt{s_{NN}} = 200$ GeV.
- Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV.
- Cumulants and correlation functions of net-proton, proton, and antiproton multiplicity distributions in Au+Au collisions at energies available at the BNL Relativistic Heavy Ion Collider.
- Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV.
- Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.
- Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV
- Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC.
- Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions.
- Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of $K(892)^0$ and $\phi(1020)$ mesons.
- Experimental Evidence for an Attractive p- ϕ Interaction.
- Exploration of jet substructure using iterative declustering in pp and Pb-Pb collisions at LHC energies.
- First measurement of coherent ρ^0 photoproduction in ultra-peripheral Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV.
- First measurement of quarkonium polarization in nuclear collisions at the LHC.
- First measurement of the $|t|$ -dependence of coherent J/ψ photonuclear production.
- First Measurement of Λ_c Baryon Production in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV.
- First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.
- Flow and interferometry results from Au+Au collisions at $\sqrt{s_{NN}} = 4.5$ GeV.
- Global baryon number conservation encoded in net-proton fluctuations measured in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.
- Global polarization of Λ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV GLOBAL POLARIZATION of Λ and ... S. ACHARYA et al..
- Global Polarization of Ξ and ω Hyperons in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV.
- Global Λ -hyperon polarization in Au+Au collisions at $\sqrt{s_{NN}} = 3$ GeV GLOBAL Λ -HYPERON POLARIZATION in ... M. S. ABDALLAH et al.
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Prof. Anju Bhasin

- Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.
- Inclusive heavy-flavour production at central and forward rapidity in Xe-Xe collisions at $s_{NN}=5.44$ TeV.
- Inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s}=13$ TeV.
- Invariant jet mass measurements in pp collisions at $s = 200$ GeV at RHIC.
- Investigation of the linear and mode-coupled flow harmonics in Au+Au collisions at $s_{NN} = 200$ GeV.
- Investigation of the p- Σ^0 interaction via femtoscopy in pp collisions.
- J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.
- J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV.
- Jet fragmentation transverse momentum distributions in pp and p-Pb collisions at \sqrt{s} , $\sqrt{s_{NN}} = 5.02$ TeV.
- Jet-associated deuteron production in pp collisions at $s=13$ TeV.
- Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $s_{NN} = 2.76$ TeV.
- $K^*(892)^0$ and $\phi(1020)$ production at midrapidity in pp collisions at $s = 8$ TeV.
- Kaon-proton strong interaction at low relative momentum via femtoscopy in Pb-Pb collisions at the LHC.
- KS^0 - and (anti-) Λ -hadron correlations in pp collisions at $\sqrt{s}=13$ TeV.
- Long- and short-range correlations and their event-scale dependence in high-multiplicity pp collisions at $\sqrt{s} = 13$ TeV.
- Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $s_{NN}=2.76$ TeV.
- Longitudinal double-spin asymmetry for inclusive jet and dijet production in polarized proton collisions at $s = 200$ GeV.
- Measurement of away-side broadening with self-subtraction of flow in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV.
- Measurement of beauty and charm production in pp collisions at $\sqrt{s} = 5.02$ TeV via non-prompt and prompt D mesons.
- Measurement of D^0 -meson + hadron two-dimensional angular correlations in Au+ Au collisions at $s_{NN} = 200$ GeV.
- Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.
- Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at $s_{NN}=5.02$ TeV.
- Measurement of groomed jet substructure observables in p+p collisions at $s=200$ GeV with STAR.

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- Measurement of inclusive charged-particle jet production in Au + Au collisions at $\sqrt{s_{NN}} = 200$ GeV.
- Measurement of inclusive J/ψ polarization in p+p collisions at $\sqrt{s} = 200$ GeV by the STAR experiment.
- Measurement of isolated photon-hadron correlations in $\sqrt{s_{NN}} = 5.02$ TeV pp and p-Pb collisions.
- Measurement of nuclear effects on $\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV.
- Measurement of strange baryon-antibaryon interactions with femtoscopic correlations.
- Measurement of the (anti-) ^3He elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.
- Measurement of the central exclusive production of charged particle pairs in proton-proton collisions at $\sqrt{s} = 200$ GeV with the STAR detector at RHIC.
- Measurement of the Cross Sections of Ξ_{c0} and Ξ_{c+} Baryons and of the Branching-Fraction Ratio $\text{BR}(\Xi_{c0} \rightarrow \Xi e^+ \nu_e) / \text{BR}(\Xi_{c0} \rightarrow \Xi \pi^+)$ in pp Collisions at $\sqrt{s} = 13$ TeV.
- Measurement of the Low-Energy Antideuteron Inelastic Cross Section.
- Measurement of the mass difference and the binding energy of the hypertriton and antihypertriton.
- Measurement of the production cross section of prompt Ξ_{c0} baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV.
- Measurement of the Sixth-Order Cumulant of Net-Proton Multiplicity Distributions in Au+Au Collisions at $\sqrt{s_{NN}} = 27, 54.4,$ and 200 GeV at RHIC.
- Measurement of transverse single-spin asymmetries of π^0 and electromagnetic jets at forward rapidity in 200 and 500 GeV transversely polarized proton-proton collisions MEASUREMENT OF TRANSVERSE SINGLE-SPIN ASYMMETRIES ... ADAM J. et al.
- Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.
- Measurements of dihadron correlations relative to the event plane in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV.
- Measurements of inclusive jet spectra in pp and central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.

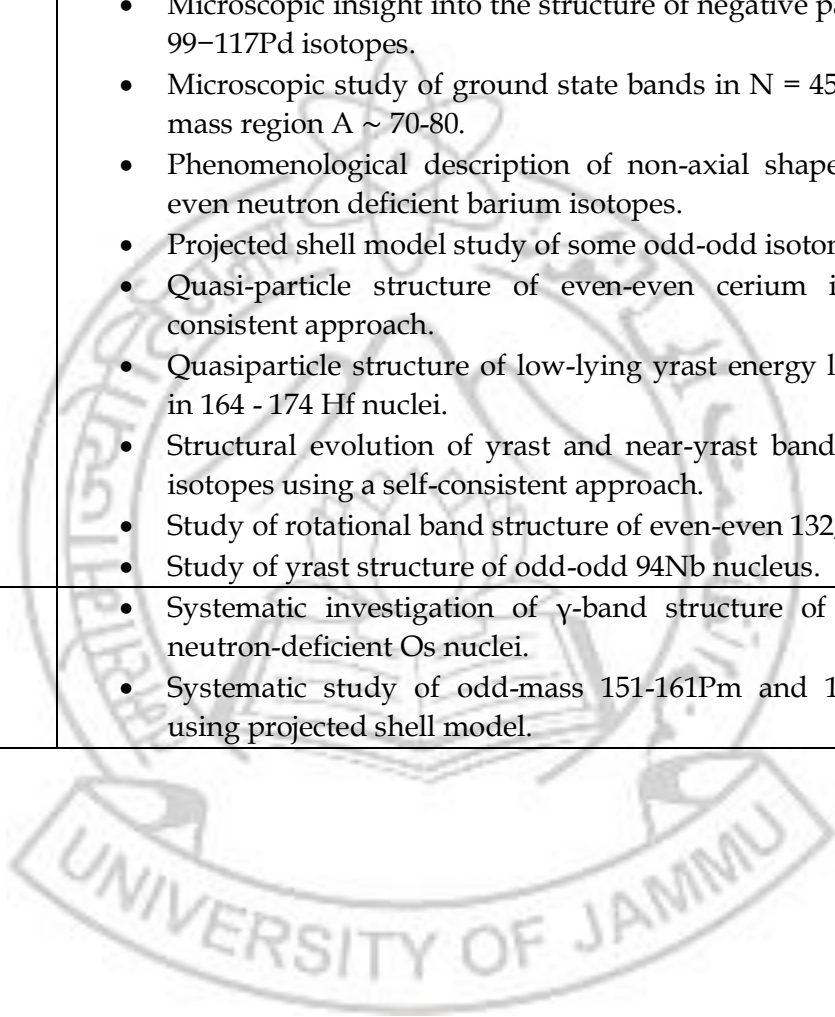
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- Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV.
- Measurements of W and Z / γ^* cross sections and their ratios in p+p collisions at RHIC.
- Methods for a blind analysis of isobar data collected by the STAR collaboration.
- Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV.
- Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV.
- Multiplicity dependence of inclusive J/ ψ production at midrapidity in pp collisions at $\sqrt{s}=13$ TeV.
- Multiplicity dependence of K*(892)0 and $\phi(1020)$ production in pp collisions at $\sqrt{s}=13$ TeV.
- Multiplicity dependence of light (anti-)nuclei production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV.
- Multiplicity dependence of π , K, and p production in pp collisions at $\sqrt{s}=13$ TeV.
- Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.
- Nonmonotonic Energy Dependence of Net-Proton Number Fluctuations.
- Observation of Ds \pm /D0 Enhancement in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV.
- Pion-kaon femtoscopy and the lifetime of the hadronic phase in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV.
- Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC.
- Production of (anti-) He 3 and (anti-) H 3 in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV.
- Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic pp collisions at $\sqrt{s_{NN}}=5.02$ TeV.
- Production of light-flavor hadrons in pp collisions at $\sqrt{s}=7$ and $\sqrt{s}=13$ TeV.
- Production of muons from heavy-flavour hadron decays at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ and 2.76 TeV.
- Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV.
- Production of ω mesons in pp collisions at $\sqrt{s}=7$ TeV.

Prof. Anju Bhasin

- Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s} = 5.02, 7$ and 13 TeV.
- Publisher Correction: Unveiling the strong interaction among hadrons at the LHC (Nature, (2020), 588, 7837, (232-238), 10.1038/s41586-020-3001-6).
- Results on total and elastic cross sections in proton-proton collisions at $s=200$ GeV.
- Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC.
- Search for a common baryon source in high-multiplicity pp collisions at the LHC.
- Soft-Dielectron Excess in Proton-Proton Collisions at $s=13$ TeV.
- Strange hadron production in Au+Au collisions at $s_{NN} = 7.7, 11.5, 19.6, 27,$ and 39 GeV.
- Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.
- Transverse-momentum and event-shape dependence of D-meson flow harmonics in Pb-Pb collisions at $s_{NN}=5.02$ TeV.
- Underlying event measurements in p+p collisions at $s = 200$ GeV at RHIC.
- Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV.
- Unveiling the strong interaction among hadrons at the LHC.
- Z-boson production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.
- Λ_c^+ Production and Baryon-to-Meson Ratios in pp and p -Pb Collisions at $s_{NN} = 5.02$ TeV at the LHC.
- Λ_c^+ production in pp and in p -Pb collisions at $s_{NN} = 5.02$ TeV.
- Λ_k femtoscopy in Pb-Pb collisions at $s_{NN} = 2.76$ TeV.
- Υ production and nuclear modification at forward rapidity in Pb-Pb collisions at $s_{NN}=5.02$ TeV

Prof. Arun Bharti	<ul style="list-style-type: none"> • Quasi-particle structure of even-even cerium isotopes in a self consistent approach. • Study of yrast structure of odd-odd ^{94}Nb nucleus. • A detailed study of nuclear structure of odd-mass Pm isotopes near $N = 82$ shell closure. • Evolution of intrinsic nuclear structure in medium mass even-even Xenon isotopes from a microscopic perspective. • Intrinsic structure and high spin positive parity states in doubly even SE isotopes. • Microscopic insight into the structure of negative parity yrast bands in $^{99-117}\text{Pd}$ isotopes. • Microscopic study of ground state bands in $N = 45$ and 46 isotones in mass region $A \sim 70-80$. • Phenomenological description of non-axial shapes of some doubly even neutron deficient barium isotopes. • Projected shell model study of some odd-odd isotones. • Quasi-particle structure of even-even cerium isotopes in a self consistent approach. • Quasiparticle structure of low-lying yrast energy levels and γ -bands in $^{164-174}\text{Hf}$ nuclei. • Structural evolution of yrast and near-yrast bands in even-even Pd isotopes using a self-consistent approach. • Study of rotational band structure of even-even $^{132,134}\text{Sm}$ nuclei. • Study of yrast structure of odd-odd ^{94}Nb nucleus.
Prof. Arun Bharti	<ul style="list-style-type: none"> • Systematic investigation of γ-band structure of triaxial even-even neutron-deficient Os nuclei. • Systematic study of odd-mass $^{151-161}\text{Pm}$ and $^{154,156}\text{Pm}$ isotopes using projected shell model.



Prof. Rajni Kant	<ul style="list-style-type: none"> • A CSD Analysis of Some Chlorinated Quinolines. • Crystallographic Structure and in Silico Molecular Docking Analysis of 2-Cyclohexylidene-Hydrazine-Carbothiomide. • Direct catalytic synthesis of β-(C3)-substituted pyrroles: A complementary addition to the Paal-Knorr reaction. • Sequential multicomponent catalytic synthesis of pyrrole-3-carboxaldehydes: Evaluation of antibacterial and antifungal activities along with docking studies. • Synthesis and Crystal Structure Analysis of 3,3'-[(3-Sulfanyl Phenyl)Methylene]Bis(4-Hydroxy-2H-1-Benzopyran-2-One) : 5-Methyl-1,3-Thiazol-2(3H)-Imine • Structural studies on thiosalicylate complexes of Zn(II) & Hg(II). First insight into Zn(II)-thiosalicylate complex as potential antibacterial, antibiofilm and anti-tumour agent. • Synthesis, FT-IR, UV-VIS, DFT studies and SCXRD structure of 1-(tert-butyl) 3-ethyl-3-(hydroxy(thiophen-2-yl)methyl)piperidine-1,3-dicarboxylate. • X-ray structure analysis of bis(O-amyldithiocarbonato)bis(3,5-dimethylpyridine)nickel(II).
Prof. Naresh Padha	<ul style="list-style-type: none"> • A two-step method to obtain the 2D layers of SnSe₂ single phase and study its physical characteristics for photovoltaic and photo-converter devices. • Development of CuInSe₂ thin films by SELD method for photovoltaic absorber layer application. • Development of SnS nanocrystals and tuning of parameters for use as spectral selective photoabsorbers. • Effect of CuIn_{1-x}Al_xSe₂ (CIAS) thin film thickness and diode annealing temperature on Al/p-CIAS Schottky diode. • Growth of γ- In₂Se₃ monolayer from multifaceted In_xSe_y thin films via annealing and study of its physical properties. • MSELN SnS_{1-x}Sex alloy thin films towards efficient structural and bandgap engineering for photonic devices. • Sn_xS_y MSELN stack thin films: Processing, characteristics and devices for photonic applications.
Prof. K.K. Bamezai	<ul style="list-style-type: none"> • Concentration Effect of Gd³⁺ on the Structural, Optical and Spectroscopic Properties of NdVO₄ Nanoparticles. • Impact of pH Value on Structural, Thermal, Optical and Raman Studies of Neodymium Phosphate (NdP) Nanoparticles Synthesized by Co-Precipitation Technique.
Prof. K.K. Bamezai	<ul style="list-style-type: none"> • Structural, spectroscopic, thermal, electrical and mechanical properties of lanthanum chloride coordinated with salicylic acid and lanthanum chloride coordinated with glycine and salicylic acid complexes.

Dr. Sandeep Arya

- Material Challenges in Next Generation Solar Cells.
- Nickel-Metal Hydride (Ni-MH) Batteries.
- Advanced synthesis strategies for single crystal perovskite halides.
- Applications of quantum dots in batteries.
- Green Synthesis of Nanomaterials via Electrochemical Method.
- Silicon-based biosensor.
- 4D printing: Fundamentals, materials, applications and challenges.
- A comprehensive review on synthesis and applications of single crystal perovskite halides.
- Advanced synthesis strategies for single crystal perovskite halides.
- Effect of Pd concentration on the structural, morphological and photodiode properties of TiO₂ nanoparticles.
- Green Synthesis of Nanomaterials via Electrochemical Method.
- High performance asymmetric supercapacitor based on vertical nanowire arrays of a novel Ni@Co-Fe LDH core@shell as negative and Ni(OH)₂ as positive electrode.
- Highly stable self-charging piezoelectric (Rochelle salt) driven supercapacitor based on Ni nanowires.
- Improved performance of solution processed organic solar cells with an additive layer of sol-gel synthesized ZnO/CuO core/shell nanoparticles.
- Investigating the thermographical effect on optical properties of Eu doped Y₂O₃:TiO₂ nanocomposite synthesized via sol-gel method.
- Morphological and Optical Characterization of Sol-Gel Synthesized Ni-Doped ZnO Nanoparticles.
- Performance analysis, challenges and future perspectives of nickel based nanostructured electrodes for electrochemical supercapacitors.
- Performance of Electrochemically Synthesized Nickel-Zinc and Nickel-Iron (Ni-Zn//Ni-Fe) Nanowires as Battery Type Supercapacitor.
- Preparation of CdS and CdS@Zn₃(PO₄)₂ Nanocomposites by Sol-Gel Method: DFT Study and Effect of Temperature on Band Gap.
- Preparation of cotton fabric based non-invasive colorimetric sensor for instant detection of ketones.
- Realization of Inverted Organic Solar Cells by Using Sol-Gel Synthesized ZnO/Y₂O₃Core/Shell Nanoparticles as Electron Transport Layer.
- Recent advances in electrochemical biosensors: Applications, challenges, and future scope.
- Recent progress, fabrication challenges and stability issues of lead-free tin-based perovskite thin films in the field of photovoltaics.

<p>Dr. Sandeep Arya</p>	<ul style="list-style-type: none"> • Review - Influence of Processing Parameters to Control Morphology and Optical Properties of Sol-Gel Synthesized ZnO Nanoparticles. • Review - Recent Advances and Challenges in Indium Gallium Nitride (In_xGa_{1-x}N) Materials for Solid State Lighting. • Review - Recent Advances in Carbon Nanomaterials as Electrochemical Biosensors. • Review - Recent Advances in Tin Oxide Nanomaterials as Electrochemical/Chemiresistive Sensors. • Silicon-based biosensor. • Sol-Gel Synthesis of Zn Doped MgO Nanoparticles and Their Applications. • Sol-gel synthesized carbon nanoparticles as supercapacitor electrodes with ultralong cycling stability. • Synthesis of Au-SnO₂ nanoparticles for electrochemical determination of vitamin B12. • Synthesis of SnO₂ nanowires as a reusable and flexible electrode for electrochemical detection of riboflavin. • Template Based Electrochemical Synthesis of Copper (Cu) Nanowires as CH₂Cl₂ Sensor. • Ultraviolet Quantum Cutting through down Conversion Luminescence Behaviour of Er³⁺ Substituted Sr_{0.7}Bi_{2.2}Nb₂O₉ (BLFS) Ceramics.
<p>Dr. Vivek Kumar Gupta</p>	<ul style="list-style-type: none"> • Crystallographic analysis and structural conformational study of conessine: A steroidal alkaloid. • A Chitosan-Catalyzed Domino Aldol-Hetero-Diels-Alder Synthesis of Cyclic Heptanoid-Annulated Pyran Scaffolds. • A General Method for the Synthesis of 3,3-bis(indol-3-yl)indolin-2-ones, bis(indol-3-yl)(aryl)methanes and tris(indol-3-yl)methanes Using Naturally Occurring Mandelic Acid as an Efficient Organo-catalyst in Aqueous Ethanol at Room Temperature. • Camphor sulfonic acid catalyzed a simple, facile, and general method for the synthesis of 2-arylbenzothiazoles, 2-arylbenzimidazoles, and 3H-spiro[benzo[d]thiazole-2,3'-indolin]-2'-ones at room temperature. • Crystal Structure of 7-Phenyl-5,6-Dihydro-14-Aza-[1]benzopyrano[3,4-b]phenanthren-8H-One. • Crystal structure, Hirshfeld surface analysis, and molecular docking studies of 3,3'-((4-(trifluoromethyl)phenyl) methylene)bis(1-methyl-1H-indole). • Crystallographic analysis and structural conformational study of conessine: A steroidal alkaloid. • Design, Synthesis, Characterization, and Crystallographic Behaviors of Some Biologically Important Chromene-Annulated Spiro-Oxindoles: A Drive to Introspect the Comparative Structural Information. • Synthesis and Characterization of 2-Aminobenzothiazol and 1-Methylisatin Co-Crystal.

<p>Dr. Vivek Kumar Gupta</p>	<ul style="list-style-type: none"> • Development of a straightforward and efficient protocol for the one-pot multicomponent synthesis of substituted alpha-aminoallylphosphonates under catalyst-free condition. • Erratum to: Crystal Structure of 5,5'-(Furan-2-ylmethylene)bis(6-amino-1,3-dimethylpyrimidine-2,4(1H,3H)-dione) (Crystallography Reports, (2020), 65, 6, (875-878), 10.1134/S106377452006022X). • Mandelic acid catalyzed one-pot three-component synthesis of α-aminonitriles and α-aminophosphonates under solvent-free conditions at room temperature. • Mandelic acid: An efficient organo-catalyst for the synthesis of 3-substituted-3hydroxy-indolin-2-ones and related derivatives in aqueous ethanol at room temperature. • Synthesis, Characterization, and Crystal Structure of (E)-4-(2-(4-Cyanobenzylidene) hydrazinyl) benzonitrile Dimethyl Sulfoxide Hemisolvate. • Synthesis, Characterization, and Crystal Structure of [3,3':3',3''-Terindolin]-2'-One Bis(dimethyl Sulfoxide). • X-Ray Crystal Structure Analysis of Novel 6-Amino-3-Phenyl-4-(Pyridin-4-yl)-2,4-Dihydropyrano[2,3-c]pyrazole-5-Carbonitrile.
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Healthy practice/practices of the Department, which Department would want to highlight: Nil

Activities/Events Organized:

- High Energy Physics (HEP) group of the Department of Physics organized one-day online event "Hands-on Particle Physics Masterclasses @ JU" on the occasion of International Day of Women and Girls in Science (IDWGS) for high school/college/university girl students. This is the first time that the International Masterclasses in Particle Physics was organized in India. International Masterclasses program is organized by the Institute of Nuclear and particle physics (TU) Dresden and QuarkNet Collaboration Notre Dame in the framework of the International Particle Physics Outreach Group (IPPOG) that is financially supported by CERN (Conseil Européen pour la Recherche Nucléaire (French) or European Council for Nuclear Research), TU Dresden, US National Science Foundation and the US Department of Energy. International Masterclasses in particle physics provides participating students an opportunity to discover the world of quarks and leptons (fundamental particles of matter) for themselves by performing measurements on real data from CERN, to meet active particle physics researchers and to link up with like-minded students from other countries.

Department of Remote Sensing & GIS

The Department of Remote Sensing and GIS has been established in the year 2008 with all the requisite facilities required for Remote Sensing and GIS studies. The Remote Sensing & GIS lab is well equipped with latest softwares of GIS and Digital Images processing such as Arc Info/ Arc GIS 10, ERDAS 10 with Imagine ERDAS Virtual GIS, Arc IMS, Intergraph Advance RS & GIS Edu. Kit Vs 2015 (modules for Remote Sensing and GIS) and ILWIS etc. Nine batches have already passed out. Among them, 69 students have been absorbed in different places in Government and private sector such as Agriculture, SBI & Canara Bank, JKP as Assistant Commandant, Army Lieutenant and in the Private Sector such as Wipro Co. Jammu, Punjab Remote Sensing, Ludhiana, JDA Jammu, Nokia GIS Mapping Jammu, Dimensions India Delhi, Rehance Geoinformatics New Delhi, Innodata India Pvt. Ltd Delhi, Aerial telecom Chandigarh, MGNREGA, Jammu etc.

Programmes offered by the Department

- M.Sc.
- Ph.D.

Thrust Areas of Research

- Remote Sensing & GIS Application in Water Resources
- Remote Sensing & GIS Application in Climate Change & Hydrology
- Remote Sensing & GIS Application in Land Use Change Scenario
- Remote Sensing & GIS Application in Cryosphere and Glaciology
- Remote Sensing & GIS Application in Biodiversity and Biomass
- Remote Sensing & GIS Application in desertification Vulnerability
- Remote Sensing & GIS Application in Urban and Rural Planning
- Remote Sensing & GIS Application in Environmental Impact Assessment

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. A.S. Jasrotia	Ph.D	Professor	Remote Sensing & GIS	26
Dr. Ajay Kumar Taloor	Ph.D	Assistant Professor	Remote Sensing & GIS	05

Contractual Faculty in the Department:

Name of the Faculty	Qualification	Experience in Years
Dr. Retinder Kour	Ph.D.	05
Dr. Deepika Baru	Ph.D.	07

Collaborations/Linkages: Nil

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (in Lacs)	Status (Ongoing/ Completed)
Monitoring of Integrated Watershed Programme (IWMP) Watersheds using Geospatial technologies	National Remote Sensing Centre (NRSC), Hyderabad	₹ 33.77	Ongoing

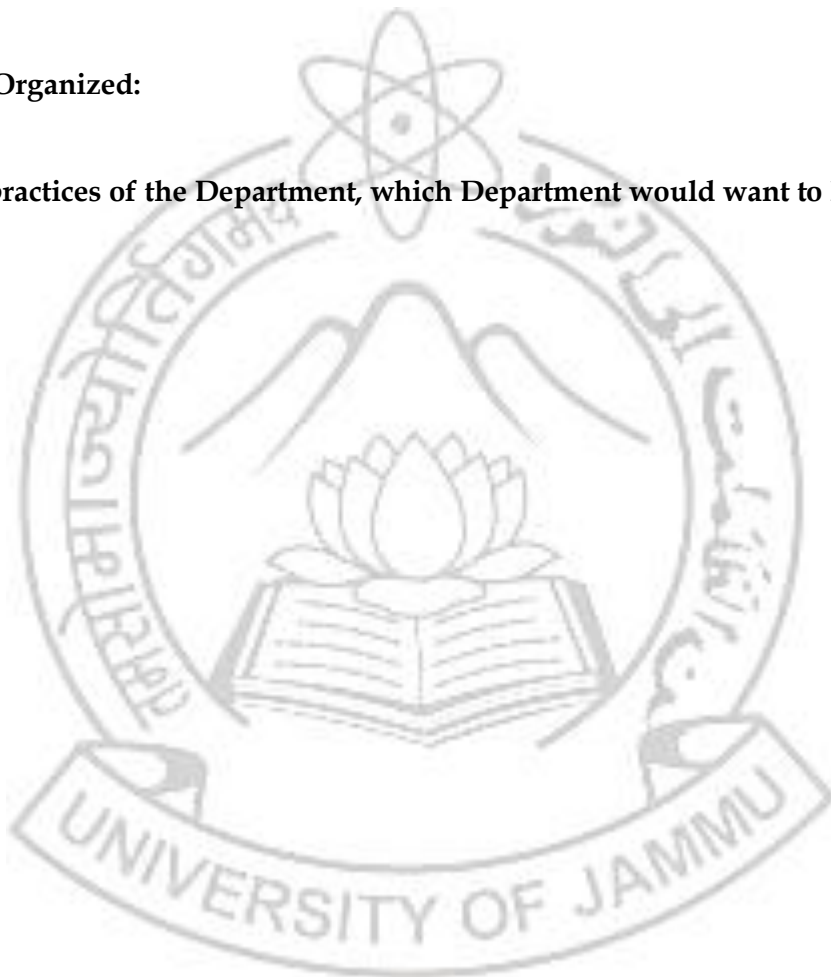
Name of the Project	Agency	Amount Sanctioned (in Lacs)	Status (Ongoing / Completed)
National Wetland Inventory and Assessment (NWIA) Phase-II (under SARITA programme)	Space Application Centre (ISRO), Ahmedabad	₹ 25.99	Ongoing

Details of Publications:

Name of the Author	Title of the Paper/s
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Activities/Events Organized:

Healthy practice/practices of the Department, which Department would want to highlight: Nil



The logo of the University of Jammu is a circular emblem. At the top is a stylized atomic symbol. Below it are mountains, a lotus flower, and an open book. The emblem is surrounded by text in Hindi and Urdu. A banner at the bottom reads "UNIVERSITY OF JAMMU".

FACULTY OF SOCIAL SCIENCES

Department of Economics

The Department of Economics, one of the oldest Departments of the University was established in 1956 under the auspices of Jammu and Kashmir University.

In the year 1978, University Grants Commission recognized this Department along with Departments of twelve other Universities for Faculty Improvement Programme. This recognition of the Department attracted students from all parts of the country to undertake M.Phil and Ph.D programme. During the Eighties, the Department completed a number of research projects funded by the University Grant Commission and Indian Council of Social Sciences Research. In the year 1987, the University Grant Commission includes it in Department Research support programme and three research projects on different aspects of the J&K economy were sanctioned to the Department.

The Department actively encourages the faculty members to attend Refresher Courses, organized in the various Academic Staff Colleges, to participate in training programmes, workshops and seminars in their areas of interest.

The faculty has undertaken projects for agencies like the World Bank and the Department of Science and Technology, Government of India on issues like watershed management and the use of remote sensing for decentralized planning. The faculty members have also been providing consultancy to agencies like the World Bank.

Programmes offered by the Department

- M.A.
- Ph.D.

Interdisciplinary Programmes offered and details of Departments/disciplines involved: Nil

Recognition/Accreditation of the programmes offered by the Department (other than University):
Nil

Thrust Areas of Teaching and Research

- International Economics
- Development Economics
- Demography
- Gender Economics
- Industrial Economics
- Agriculture Economics
- Financial Institutions
- Environment and Natural Resource Economics
- Human Development
- Economics of Infrastructure, Labour Economics
- Marginalized and Tribal Studies, Rural Development

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in Years
Prof. Sunita Devi	Ph.D.	Professor & HoD	Industrial Economics Indian Economy, Human Resource Development	27

Prof. Prakash C Antahal	Ph.D.	Professor	Economics of Infrastructure, International Economics, Research Methods	22
Prof. Aroon Sharma	Ph.D.	Professor	Micro Economics, Mathematical Economics and Quantitative Methods	30
Prof. Jasbir Singh	Ph.D.	Professor	Macro Economics, Rural Development, Gender Studies	15
Prof. Dipankar Sengupta	Ph.D.	Professor	Quantitative Techniques, Economic Theory, International Political Economy	16
Prof. Falendra K. Sudan	Ph.D.	Professor	Environmental Economics, Demography, Sustainable Development	31
Prof. Virender Koundal	Ph.D.	Professor	Labour Economics, Financial Institutions, Rural Economy, Macro Economics	20
Dr. Manoj Bhatt	Ph.D.	Professor	Econometrics, Public Economics	16
Dr. Shallu Sehgal	Ph.D.	Associate Professor	Industrial Economics, Agriculture Economics, Development Economics	13
Dr. Tsering Yangzom	Ph.D.	Assistant Professor	Microeconomics, Econometrics and Public Economics	10

Details of Research Projects

Name of the Project	Agency	Amount Sanctioned (In Lakhs)	Status (Ongoing/ Completed)
Impact of Kashmir Conflicts on Refugees, Forced Migrants and Displaced Population: A Study of Demographic and Socio-Economic Consequences, Coping Mechanisms and Survival Strategies Adopted by Women, Children and Elderly	Indian Council of Social Science Research, New Delhi (ICSSR)	₹ 20.00	Ongoing
Geo Strategic importance of North Western Border of India	Indian Council of Social Science Research, New Delhi (ICSSR)	₹ 9.00	Ongoing
Short term empirical project on the contribution of media towards social security and poverty alleviation- A study of Jan Dhan Yojana	ICSSR	₹ 12.00	Ongoing

Name of the Project	Agency	Amount Sanctioned (In Lakhs)	Status (Ongoing/ Completed)
Institutional - Economic Analysis of Water Governance, Conflicts and Cooperation in Indus Sub-Basin of Jammu and Kashmir	ICSSR	₹ 16.40	Ongoing
“The Himalayan Cryosphere: Science and Society” i. Analyzing the role of rural institutions in enabling adaptation to climate change in the agricultural sector in the north-west Himalaya ii. 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	Ministry of Science & Technology, Department of Science & Technology, Government of India	₹ 448.07	Ongoing
Seasonal Migration and Human Development: A Study of Bakarwals in Jammu and Kashmir	Ministry of Tribal Affairs	₹ 8.00	Ongoing
Development of Course Materials for Master Degree in Population Studies under e-PG Pathshala	UGC	₹ 42.00	Ongoing
An Institutional-Economic Analysis of Water Governance, Conflicts and Cooperation in Indus Sub-Basin of Jammu and Kashmir	Indian Council of Social Science Research (ICSSR)	₹ 16.40	Ongoing

Publications:

Name of the Author	Title of Paper/s
Prof. Jasbir Singh	<ul style="list-style-type: none"> • Factors of Social Exclusion: A Study of TB Patients in Jammu Urban Impact. • Impact of nationwide lockdown on students of higher education.
Prof. Falendra K Sudan	<ul style="list-style-type: none"> • Addressing Market Inefficiencies through Agricultural Market Informations Systems and Digital Technologies in Punjab. • Leveraging The Participation of Small and Medium - Sized Enterprises in Global Value Chains of the Automotive Industry: Insights From Maruti Suzuki India Limited. • Regional Institutions in Europe and Southeast Asia: Lessons for Economic Integration in South Asia. • Adoption of Water Harvesting Technologies among Agro-Pastoralists in Semi-Arid Rangelands of South Eastern Kenya. • Impact of COVID-19 Pandemic on Micro, Small, and Medium-Sized Enterprises in South-East Asia: Coping Strategies,

Name of the Author	Title of Paper/s
	<p>Government Measures and Policy Implications.</p> <ul style="list-style-type: none"> • Climate induced Agrarian Crises and Rural Communities of North East India: Evidence and Lessons Learnt. • Gendered Transition to Labour Markets and Employment: Evidence from Micro and Small Enterprises in Jammu and Kashmir. • Groundwater Development and Institutions in North Indian States: Some Policy Options. • Addressing Sustainability and Climate Adaptation in North West Himalayan States. • Population Aging, Immigration and Labour Market Outcomes in Developed Countries: Evidence from Literature. • Industry 4.0 and Implications for skill Development in Manufacturing and Service Sectors of India.
Prof. Dipanker Sen Gupta	<ul style="list-style-type: none"> • Determinants of Product size supported by Banks: A Game Theoretic Analysis.
Prof. P.S. Anthal	<ul style="list-style-type: none"> • Development Economic and Social Infrastructure in Jammu and Kashmir.
Prof. Aroon Sharma	<ul style="list-style-type: none"> • Nutritional Assessment Using Composite Index of Anthropometric Failure (CIAF) among the school Going Children in J&K, India. • Tourist Satisfaction in the Trans-Himalayan Region: Exploring the difference between Domestic and Foreign Tourists.
Dr. Sunita Devi	<ul style="list-style-type: none"> • Impact of PMGSY on agricultural economy: a study from Jammu & Kashmir UT. • Impact of Mobile Phone & Internet on User's Relationship. • Status of Diversification in Agriculture across Districts of Jammu & Kashmir: An Abstract of NSSO 70th Round.
Dr. Shallu Sehgal	<ul style="list-style-type: none"> • Structure and Performance of Food Processing Industry in India vis-à-vis J&K and Himachal Pradesh. •

Activities/Events organized: Nil.

Department of Lifelong Learning

The Department of Lifelong Learning (DLL) earlier known as Centre for Adult /Continuing Education & Extension (CACE&E) was established in the year 1977. The Department focuses upon institutional and field programmes with an objective to create a variety of learning and training opportunities besides promoting skills enhancement for various groups of learners. The programmes for lifelong Learning and extension are implemented with specific focus on provincial uniqueness, ethos and local needs. The Department has developed key areas for intervention through its various schemes. The different target groups selected are provided with need based learning packages. The nature of programmes conducted has been categorized as under:

- Training & Research (certificate courses, faculty improvement and students support programmes, trainings, pilot studies and monitoring evaluation based on field surveys).
- The Lifelong Learning Programmes (continuing education courses, quality of life improvement programmes, skills enhancement and sensitization programme).
- Field outreach and Extension programme (community level initiatives).
- Coaching progmmes (Entry to Service Examination, JRF/NET and remedial coaching for SC/ST minorities/OBC and General category students).
- Career guidance and vocational education (guidance and counseling services, career development and job related information networking, career awareness talks, preparation of career information packages, monthly newsletter, web alert.)

Programmes offered by the Department

- M.A. (Rural Development)

Thrust Areas of Research

- Education, Lifelong Learning& Rural Development
- Gender, Peace and Conflict& Border Studies
- Tribal & Cultural Studies, Rural Society and Polity
- Community Health, Clinical Psychology
- Rural Marketing, Rural Economics
- H. R. D & Entrepreneurship
- Organizational Behaviour

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Kavita Suri	Ph.D.	Director / Associate Professor	Education, Rural Development, Gender, Peace & Conflict Studies	13
Dr. Priyanka Sharma	Ph.D.	Assistant Professor	Organizational Behaviour	18
Dr. Vivek Sharma	Ph.D.	Assistant Professor	Rural Marketing, Rural Economics	15
Dr. Pallavi Sachdeva	Ph.D.	Assistant Professor	Clinical Psychology	13

Name	Qualification	Designation	Specialization	Experience in years
Dr. Sandeep Singh	Ph.D.	Assistant Professor	Border Studies, State Politics, Gender & Cultural Studies	13

Contractual Faculty in the Department: Nil

Collaborations/Linkages

The Department has collaborations with

- Sports Authority of India
- CRPF
- Rural Development
- Panchayats

Details of Research Projects including international projects and national collaborative projects:
Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Dr. Kavita Suri	<ul style="list-style-type: none"> • Women empowerment, National and International perspectives. • A study of educational and socio-economic status among the Brogpa tribe of the union territory of Ladakh. • Empowerment of marginalized communities: Examining the educational problems faced by the students of Gaddi tribal community of Jammu and Kashmir. • Cultural and Religious Perspectives on the Sufi Shrines: Khori Baba Dargah on the Line of Control in District Rajouri. • Gender and Disability in Education, Barriers and opportunities in Jammu and Kashmir. • Scheduled Tribes of Jammu, Kashmir and Ladakh: Issues and Prospects", (Ed. Suri, K). • Cultural and Religious Perspectives on the Sufi Shrines: Khori Baba Dargah on the Line of Control in District Rajouri.
Dr. Priyanka Sharma	<ul style="list-style-type: none"> • The relationship between spiritual intelligence and its components with psychological well being of university students. • Assessment of Nutritional awareness among rural adolescent girls of Jammu.
Dr. Vivek Sharma	<ul style="list-style-type: none"> • Co-creation and service innovation as performance indicators in the hospitality industry. • Empirical assessment of job stress, job satisfaction and turnover intention among call centre employees- a study of NCR region. • Tourism amidst covid-19 in Jammu and Kashmir.

Dr. Pallavi Sachdeva	<ul style="list-style-type: none"> • Resilience and suicide ideation: a study of students living in urban and rural areas. • Relationship between cyber bullying, cyber victimization and psychological distress among college students of Jammu district. • Impact of stress on mental health of working and non-working women of Jammu city. • A study of rural and urban differences: mental health and stress among female students of Jammu.
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Activities/Events Organized:

- Employment Information cum Advisory Bureau (EIAB), Department of Lifelong Learning organized one-day career counselling programme in Sciences and Languages, through digital mode, for the students of Government Girls Higher Secondary School, Satwari. The students were apprised about new and emerging career options in different fields by the counselling team of special resource persons from University of Jammu. Dr Arti Sharma, Senior Assistant Professor, Department of Zoology, University of Jammu, Dr. Pallavi Gupta, Assistant Professor, Department of English, University of Jammu and Dr. Rewa Khajuria, Counsellor, EIAB, University of Jammu were the Resource persons.
- University Entrepreneurship and Skill Development Centre in collaboration with the Department of Lifelong Learning, University of Jammu and Government Degree College, Reasi organized a 15 days online course on Life Skills for the undergraduate students. Prof. Manoj. K. Dhar, Vice chancellor, University of Jammu inaugurated the programme. Speaking on the occasion, he referred various programmes undertaken by University of Jammu through online mode for the upliftment of the skills among students. Prof. Dhar in his address emphasized upon the relevance of skill based programs which help the students to think rationally and act purposefully in life. He also stressed upon the importance of life skills and various elements that come under the domain which are important to learn for the students to deal with the challenges of everyday life. Jb Talat Parvez Rohilla, Commissioner Secretary, Higher Education, was the Guest of Honor. In his address, he thoroughly appreciated the joint initiative of the University and college in bettering the quality of life of college students by offering them a course which will help them to uplift their skills for life. He expressed his pleasure to see such initiatives, as they will help in reaching to the remotest areas of Jammu province through such platforms and would be helping hundreds of students in the long run.

Healthy practice/practices of the Department, which Department would want to highlight: Nil

Department of Strategic and Regional Studies

The Department of Strategic and Regional Studies (DSRS), earlier known as the Centre for Strategic and Regional Studies (CSRS) was conceptualized by then Chancellor of the University and Governor of Jammu and Kashmir General (Retd.) K.V. Krishna Rao in 1985. Subsequently, University Grants Commission appointed a special committee that submitted its report in 1987, recommending that in view of rapidly changing security environment, intensive efforts should be made to promote general awareness of strategic issues and national security in the country. It envisaged setting up a Centre for research on strategic, security and regional issues. Thus, predecessor of the Department of Strategic and Regional Studies (DSRS), Centre for Strategic and Regional Studies (CSRS), was established in the University of Jammu on 27th May 2002. It had been conceived to promote and undertake research on strategic issues, national security and geo-strategic developments in the areas contiguous to India in a substantive and inclusive manner.

The Centre started M.Phil. and Ph.D programmes in Strategic Studies in April 2004. The Centre was elevated to the status of a full-fledged teaching Department by the University Council on April 21, 2006.

Programmes offered by the Department

- Ph.D.
- M.Phil.

Thrust Areas of Research

- Conventional and Non-conventional Security Threats
- Transnational organized crime and nuclear weapon proliferation
- Ethnic politics and conflicts
- Global and Regional strategic issues
- Globalization and its impact on the region

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Mohammad Monir Alam	Ph.D.	Assistant Professor	Central Asian Studies	19
Dr. Suneel Kumar	Ph.D.	Assistant Professor	International Relations and South-Central Asia	10
Dr. Surinder Mohan	Ph.D.	Assistant Professor	International Relations and South Asia	08

Contractual Faculty in the Department: Nil

Guest Faculty: Nil

Details of Research Projects including international projects and national collaborative projects:
Nil

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Dr. Surinder Mohan	<ul style="list-style-type: none">• The Politics of Foreign Aid: Impact of Superpowers Economic Assistance on India and Pakistan during the Cold War.• Shaping the Regional and Maritime Battlefield? The Sino-Indian Strategic Competition in South Asia and Adjoining Waters.
Dr. Suneel Kumar	<ul style="list-style-type: none">• Communalism, Nehru and National Unity.• Reinvigoration of BIMSTEC and India's Economic, Strategic and Security Concerns.• China's Revisionism versus India's Status Quoism: Strategies and Counter-Strategies of the Rivals in Doklam Standoff.• China's Revisionism and Cessation of the Doklam Impasse

Activities/Events Organized:

- Department of Strategic and Regional Studies (DSRS) University of Jammu in collaboration with Jammu chapter of Jammu and Kashmir Study Centre (JKSC) organized special lecturer on "Sankalp Diwas 1994 Parliament Resolution on POJK". Capt. Alok Bansal, Director, India Foundation and Adjunct Professor, School of Management, New Delhi was the keynote speaker. Prof. Manoj Kumar Dhar, Vice Chancellor, University of Jammu was the Chief Guest.

Healthy practice/practices of the Department, which Department would want to highlight: Nil

Department of History

The Department established in 1963 is engaged in teaching learning and research. Three streams of Ancient, Medieval and Modern are being pursued alongside papers on World History and Historiography. At the research level, the thrust area is regional history.

Programmes offered by the Department

- M.A.
- M.Phil.
- Ph.D.

Thrust Areas of Research

Indian History which is divided into three streams viz:

- Ancient India
- Medieval India
- Modern India

Apart from these, the department also focuses on Regional History of Jammu, Kashmir and Ladakh by encouraging researches.

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Prof. Suman Jamwal	Ph.D	Professor	Ancient/Early Medieval Indian History	26
Prof. Shyam Narayan Lal	Ph.D	Professor	Ancient/Early Medieval Indian History	24
Dr. Sharda Sharma	Ph.D	Associate Professor	Modern Indian History	22
Dr. Madhulika Singh	Ph.D	Assistant Professor	Modern Indian History	11
Dr. Tirtharaj Bhoi	Ph.D	Assistant Professor	Ancient Indian History and Archaeology	11

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Versha Gupta	Ph.D.	14
Dr. Anu Mankotia	Ph.D.	07
Dr. Anju Bala	Ph.D.	03

Details of Research Projects including international projects and national collaborative projects:
Nil

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Shyam Narayan Lal	<ul style="list-style-type: none">Aspects of Rural Settlements, Rural Society and Resources in Early Medieval Rajasthan.
Prof. Suman Jamwal	<ul style="list-style-type: none">Locating Damaras in the Polity of Early medieval Kashmir.Orienting Gender Historiography of Early and Early Medieval Kashmir.
Dr. Tirthraj Bhoi	<ul style="list-style-type: none">Construction of identity: the situation of medieval jammu and kashmir

Activities/Events Organized:

- Under the Web Lecture series, the Department of History organized a web lecture on “Humor in and around you!” by Dr. Barnali Chaudhary, who is currently a part of an Experimental Pragmatics Research group in Italy and runs an online communication counseling portal called ComCon. She has had teaching and research experiences in many national and international institutions like IIM Indore, IIT Kanpur, University of New Mexico (USA), University of Cagliari (Italy), University of Alicante (Spain), Jagiellonian University (Poland), etc. Humor studies have interested researchers since the times of ancient scholars like Plato and Aristotle. Researchers from varied disciplines like, psychology, linguistics, philosophy, etc. have been making attempts to understand the phenomenon of humor and its impact on humans. In this talk, she gave an insight on development of humor studies over the last few decades and the ways in which we can identify the humor in ourselves that can help each one of us to become better conversationalists with the best humor style/sense of humor and have a more impactful personality in any social setups. Prof. Naresh Padha, Dean Academic Affairs was the chief guest on the occasion.

Healthy practice/practices of the Department, which Department would want to highlight: Nil

Department of Library & Information Science

The Department of Library Science was set up in 1971 at the Old University Campus and a Certificate course in Library Science was started. The Department shifted to the new campus, in the newly constructed University library building in the year 1980. The certificate course continued from session 1971-72 to 1983-84. Beginning with the session 1983-84, the B.Lib.I.Sc. programme was introduced by the University. From the session 1985-86, the Department also started the M.Lib Sc and PhD Programmes in Library Science. Since then the Department of Library Science is functioning as Post Graduate Department of Library Science, under the Faculty of Social Sciences. In 1998, the Department shifted to a separate newly constructed wing on the ground floor of the Central Library of the University of Jammu. The Department is recognized as Programme Study Center of Indira Gandhi National Open University, New Delhi since March 31st, 1995 for its BLIS and MLIS programmes. In January 1999, the Department was also recognized as Study Centre of the National Open School, New Delhi for its CLS programme.

The Department of Library and Information Science at University of Jammu has responded to the challenges of these changes. We acknowledge the possibilities that exist in the new electronic information environment for a person to develop into an entrepreneur who can process and add value to information for market needs, who can use information technology to achieve a competitive edge, and who can utilize information to improve productivity, create new marketing opportunities and identify challenged to develop new information products. Students after graduation in library and information science have a wide choice of options to choose and can plan their career according to their aptitudes. As a Librarian students after qualifying in their professional degrees will find openings in University, College and School libraries, Museums, and Cultural Institutions, government Institutions and Information Centres besides Companies and Business houses with large information handling requirements.

With the emerging knowledge society and information technology playing the key role in information management, there are immense opportunities and considerable scope to diversity into high tech areas such as database generation and management development of digital library resources, the internet resources organization and assistance, developing virtual libraries, system analysis, electronic publishing, corporate and even freelance consultancy and marketing of information products and resources

In 2008 the name of the Department was changed from P.G. Department of Library Science to P.G. Department of Library and Information Science. Information has become an integral part of all aspects in modern-day life and in the knowledge society. Acquiring the necessary skills for the effective utilization of information and information sources is imperative for every knowledge worker – from the highest level of governmental decision-making to the lowest decision-making individual entrepreneur. The faculty of the Department of Library and Information Science educates men and women at the master's bachelor's and doctoral levels to become leaders in libraries, archives and information/knowledge centers; conducts research to advance the information sciences; and performs public service to support the information professions and the public good. The M. Lib Sc. Degree program provides graduates with a foundation of professional knowledge and skills as well as opportunities for specialized study in Agricultural Information System and Information Technology

Applications to Libraries. Furthermore, the Internet, and World-Wide Web in particular, is changing the way people communicate with one another, do business, exchanges ideas, study and transmit information. We all know that the right information at the right time is essential for good decision-making. A working knowledge of the Internet and its applications, as well as the know-how of information management, therefore is an essential skill needed in the modern corporate world.

Programmes offered by the Department

- B.Lib.I.Sc.
- M.Lib.I.Sc.
- Ph.D.

Thrust Areas of Research

- IT Applications in Libraries
- Health Science Information System
- Agriculture Information System
- Library Human Resource Development
- Human Resource Management
- Public Library System

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Prof. Sangita Gupta	Ph.D	Professor	Public Library System, IT Application to Libraries	32
Dr. Meghna Dhar	Ph.D	Assistant Professor	Human Resource Management, Knowledge Organization, Research & Technical Library System	11
Dr. Pramod Kumar Singh	Ph.D	Assistant Professor	Social Science Information System, IT Application to Libraries, Documentation and Information Retrieval Techniques	11

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Renu Arti Thakur	Ph.D.	04

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (In Lakhs)	Status (Ongoing/ Completed)
Designing of Digital Repositories, University of Jammu	Financial Approval for Assistance to Professors for Strengthening Research Needs of the Faculty, under RUSA 2.0	₹ 2.40	Completed

Collaborations/Linkages: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Sangita Gupta	<ul style="list-style-type: none">• Awareness and use of E-Resources by MBBS students in Government Medical College, Jammu.• Public Libraries: An alternative to CICs for providing community information services in J&K.• A critical analysis of scientific productivity of the human resource management research in selected countries.• Mapping the Research Output on Pancreatic Cancer Literature during 2009-2018.• Present status, issue and challenge of departmental libraries in the University of Jammu: a case study.• Usage Pattern of electronic resources by faculty in some universities of North India.• Information Literacy among Teacher Trainees in Colleges of Education.• e- Thesis in Institutional Repositories: An Overview of Asian Countries.
Dr. Meghna Dhar	<ul style="list-style-type: none">• Digital Initiatives for Online Education and Library System in Present Scenario.• Library Security Issues with Special Reference to Dhanvantri Library of University of Jammu, Jammu.• Study of Library Usage and Behavioural Pattern among Users of the Dhanvantri Library, University of Jammu: A Case Study.• Application of RFID Technology in Central University of Jammu (CUJ) Library: A Study.• Role of Libraries in e-Learning with special reference to NDLI.• Artificial Intelligence in Context of Library and Information Science.
Dr. P.K. Singh	<ul style="list-style-type: none">• Digital Literacy among the Drug Developers of CSIR-Indian Institute of Integrative Medicine, Jammu.

Activities/Events Organized:

Healthy practice/practices of the Department, which Department would want to highlight: Nil

Department of Political Science

The Department of Political Science was established in 1968. Since then the Department has been continuously and systematically working for the promotion of discipline of Political Science in Jammu Province through teaching, research and other academic activities. It has continuously revised and updated syllabi keeping in view the changing contours of the discipline and the emerging needs of society.

Programmes Offered

- M.A.
- M.Phil.
- Ph.D.

Thrust Areas of Research

- Politics in South Asia and Comparative Politics
- International Politics and India's Foreign Policy
- Indian Administration, J&K Administration and Public Policy
- J&K Politics, State Politics and Indian Politics

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. M. Tajuddin	Ph.D.	Professor	Political Thought, Political Theory and International Politics, Politics of marginalized groups	20
Dr. Baljit Singh Mann	Ph.D.	Professor	Politics in South Asia, Comparative Politics, and India's Foreign Policy	18
Dr. Yog Raj Singh	Ph.D.	Associate Professor	State Politics of J&K and Indian Political System	26
Dr. Karuna Thakur	Ph. D.	Associate Professor	J & K Politics, Ethnicity, Nationalism	28
Dr. Ellora Puri	Ph. D.	Assistant Professor	Comparative Politics, South Asia, Peace & Conflict and J&K Politics	14

Contractual Faculty in the Department: Nil

Collaborations/Linkages: Nil

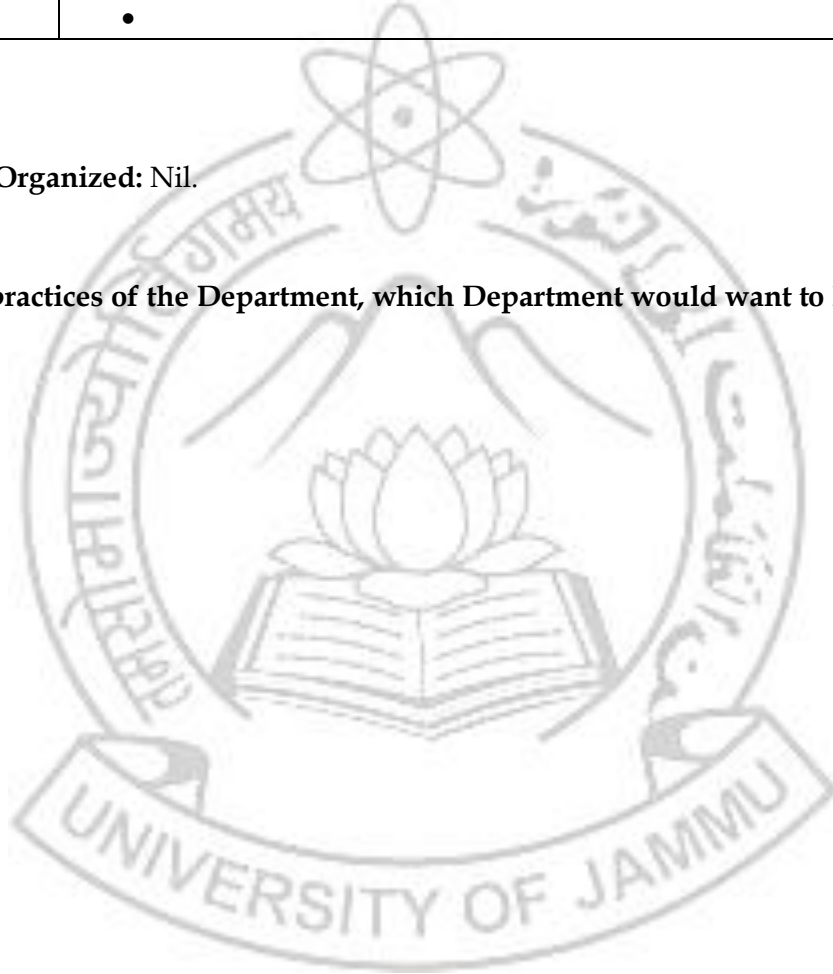
Details of Research Projects (Major/Minor) Undertaken: Nil

Details of Publications:

Name of the Author	Title of the Paper/s
Prof. Baljit Singh	<ul style="list-style-type: none">• Foreign Policy in India's Development since Nehru Era.• Ambedkar's Idea of Social Democracy.• State and Public Policies in India: A Symbiotic Relationship.
	<ul style="list-style-type: none">•

Activities/Events Organized: Nil.

Healthy practice/practices of the Department, which Department would want to highlight:



Department of Psychology

The Department of Psychology was established in December 2001 under the aegis of the Faculty of Behavioral Sciences, University of Jammu. The Department was set up as an interdisciplinary centre of higher learning and academic excellence. It has a distinction of being the first Post Graduate Department of Psychology in the state of Jammu and Kashmir and is currently working under the faculty of Social Sciences. The Department offers optional courses in the frontline areas of research namely Organizational Behavior and Clinical Psychology at post graduate level. It also offers Ph.D program in Psychology. The teaching methodologies of the Department are innovative and unique. The Department provides quality teaching, practical experience and a unique opportunity to share and develop the vision, knowledge, initiative and critical thinking needed to meet professional challenges and community needs. The Department actively encourages the faculty members, to attend refresher courses, to participate in training programmes, workshops, conferences and seminars in their areas of interest. The scholars and students of the Department are also encouraged to participate in conferences, workshops, seminars, group discussion and various extension activities. Students qualifying NET/JRF/SET and other competitive/civil services examinations are placed in various organizations and institutions within and outside the state.

Programmes offered by the Department:

- M.A.
- Ph.D.

Thrust Areas of Research

- Positive Psychology
- Social Psychology
- Developmental Psychology
- Organizational Psychology

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Prof Arti Bakhshi	Ph.D.	Professor	Organizational Behaviour, Counselling Psychology, Sports Psychology, Applied Social Psychology, Personality, Positive Psychology	34
Dr. Chandra Shekhar	Ph.D.	Assistant Professor	Clinical Psychology, Forensic Psychology	16
Dr. Sarita Sood	Ph.D.	Assistant Professor	Counselling Psychology, Health Psychology, Positive Psychology	07

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Karuna Gupta	Ph.D.	03
Dr. Dharvinder Singh	Ph.D.	04

Details of Research Projects including international projects and national collaborative projects:
 Nil

Collaborations/Linkages: Nil

Detail of Publications:

Name of the Author	Title of the Paper/s
Prof. Arti Bakshi	<ul style="list-style-type: none"> • Quality of Life and Basic Psychology Needs: Predictive Study of Differently Abled People. • Body Shape Concern, Self - Esteem and Psychological Wellbeing in Adolescent. • Gratitude and Quality of life among Adolescents: the Mediating Role of Mindfulness. • Fear vs. Hope in India: Finding the Silver lining amid the dark clouds of COVID - 19. • Influence of internet addiction on psychological well-being of emerging adults in India. • Parental Attachment and psychological wellbeing in adolescents: mediating role of self-esteem. • Exploring the role of character strengths in positive mental health of college students. • Psychological implications of COVID-19 pandemic: mitigating negative impact through social support. • Covid-19 and life satisfaction: An exploratory study among youth.
Dr. Sarita Sood	<ul style="list-style-type: none"> • Resilience and Psychological well being of higher education students during covid-19: the mediating role of Perceived distress. • Passive leadership styles and perceived procrastination in leaders: a PLS-SEM approach. • A moderated- Meditation model of fear of illness and subjective psychological well being during covid-19 pandemic. • Perceived Workplace incivility and psychological well- being in higher education teachers: a multigroup analysis. • Positive mental health of Indian student-athletes.
Dr. Chandra Shekhar	<ul style="list-style-type: none"> • Study of job satisfaction and general well-being among non- teaching employees. • Study of Geriatrics well being and emotional intelligence. • A study of internet addiction and frustration among high school students of rural areas. • Study of achievement motivation in relation to parental encouragement. • Study of home environment in relation to self- concept.

Activities/Events Organized: Nil.

Healthy practice/practices of the Department, which Department would want to highlight

- Extension Lectures, Workshops on Psychological testing by Outside Experts, Presentation and Role-Plays By The Students, Group Discussion.
- Group Discussion and Role Plays are the integral part of the teaching and learning practices in the Department of Psychology.



Department of Sociology

The Department of Sociology was established in the year 1999 under the aegis of the Faculty of Behavioural Sciences, University of Jammu and was later placed under the Faculty of Social Sciences. The Department offers Post Graduate Programme through semester system and has been running regular M.Phil and Ph.D. programmes since the year 2002. The Department has introduced Choice Based Credit System since 2014-15 session and students from across the faculties opt for the course. Many students of the Department have cleared NET/SLET/JRF and have been placed in various teaching departments as well as other government and research oriented non government jobs. Some have been awarded higher degrees in the prestigious institutions in India and abroad.

Programmes offered by the Department

- M.A.
- M.Phil.
- Ph.D.

Thrust Areas of Research

- Environment & Ecology
- Development Studies
- Subaltern & Community Studies
- Gender Studies
- Rural Society & Development
- Migration, Conflict & Peace
- Dalit Studies
- Community and Identity studies
- Marginalised group studies
- Family, Kinship and Marriage

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in Years
Dr. Abha Chauhan	Ph.D.	Professor	Gender, Tribal Studies, Kinship, Culture & Community Studies	20
Dr. Vishav Raksha	Ph.D.	Professor	Gender, Subaltern, Media & Folk Lore studies, Political Sociology	22
Dr. Hema Gandotra	Ph.D.	Sr. Assistant Professor	Ethnicity and Identity, Conflict and Migration Studies, Gender Studies, Sociology of Family, Kinship & Marriage.	20
Dr. Sapna Sharma	Ph.D.	Assistant Professor (Tenure)	Peace and Conflict Studies, Police Crime and Society, Gender Studies	15

Contractual Faculty in the Department

Name of the Faculty	Qualification	Experience in Years
Dr. Shakun Sharma	Ph.D.	05
Dr. Malvika Upadhiya	Ph.D.	02

Guest Faculty: Nil

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (In lakhs)	Status (Ongoing/ Completed)
Conflict and Borderlands : Life in the villages along the line of Control in Jammu District	RUSA	₹ 1.80	Ongoing

Collaborations/Linkages: Nil

Detail of Publications:

Name of the Author	Title of the Paper/s
Prof. Abha Chauhan	<ul style="list-style-type: none"> Women's studies and the Women's movement in India: research Trends in Sociology and Social Anthropology.
Prof. Vishav Raksha	<ul style="list-style-type: none"> Adolescent Girls as Quality Learners: Issues and Concerns- A study in higher secondary schools of Jammu (J&K). Disability and Indian Cinema: In reference to representation of disables men and women.
Dr. Hema Gandotra	<ul style="list-style-type: none"> Third Gender in Kashmir region. India USA Relations during Pandemic. Antenatal care and delivery of health practices: A study among the nomadic Dhodhi Gujjar women of Jammu province. At the margins: The socially excluded third gender people. Conflict, Violence and Women in Jammu and Kashmir. Conflict, migration and human rights violation: A study among Talwara Migrants of Reasi district of Jammu and Kashmir. Migration and Child trafficking: A study of child trafficking among Talwara Migrants.
Dr. Sapna	<ul style="list-style-type: none"> Jammu and Kashmir's Open Defecation Free Status: The Ground Reality.

Activities/Events Organized:

Healthy practice/practices of the Department, which Department would want to highlight

- Field Study trips / Ecological trips related to social research and environmental issues.

Computer Centre

Computer Centre, University of Jammu, is making consistent efforts to up-date the various facilities available in hardware, software and in technical field by organizing regular vocational courses for the students community/other staff of the Universities/Institutions. The various courses run by the Computer Centre helps the students and other community not only to update their knowledge in the field of IT Sector but also gives them an exposure to ensure their adoption in the reputed industries/institutions of the country. In addition the Centre has also undertaken other jobs as highlighted below. The Centre has developed several software programmes on the basis of requests from various organization/ institutions.

Extended support services

- Staff of the Computer Centre is actively involved in verification of equipments purchased by different departments/sections of the University of Jammu.
- Director, Computer Centre provided assistance in teaching as a support services in teaching departments free of cost as per requirement.
- Computer Centre is extending its help in development and functioning of language digital lab at the General Zorawar Singh Auditorium, University of Jammu. This lab was set up in collaboration with IIT Kharagpur. Syllabus for 3rd and 4th semesters students (CBCS) mode were prepared and maintenance of lab, conducting workshop etc was done.
- Extended support for ERP.

Future Initiatives

- Computer Centre is involved actively in developing software as per need and requirement. In this regard centre has initiated few new assignments:
- Website of Employee Database Management System which includes detailed information of employees i.e employee registration, leave management, qualifications details, management of university orders/circulars etc.
- Computer Centre own Website, which provides information for the students registered with University of Jammu regarding syllabus of all semesters, course numbers with course titles, information on UG-Examination related activities , notifications etc

Centre for Study of Social Exclusion and Inclusive Policy (CSSEIP)

The Centre was established in 2008. Centre offers two Open Choice Courses at post graduate level, one each in 3rd and 4th semesters, to the students of various departments of the University. The Centre has a well maintained library with almost 1000 books and 600 titles in the reference section.

Academic and Research Activities conducted by Centre

Teaching

Centre offers two Open Choice Courses at post-graduate level, one each in 3rd and 4th semesters, to the students of various departments of the university.

The courses are:

- PSSEO-301: Social Exclusion-Concepts, Approaches & Affirmative Action (in 3rd semester total students: 52)
- PSSEO-401: Dalit Mobilization in Colonial and Postcolonial India (in 4th semester total students: 37).

Research Project

Centre has been awarded a research project on “Seasonal Migration and Human Development: A Study of Bakerwals in Jammu and Kashmir”, with total grant of 8 Lakhs by the Ministry of Tribal Affairs, Government of India. The project report completed will soon be submitted.

Public Talk organized by Centre

Centre as a part of its Lecture series has organized a Public Talk on “Dalit Women’s Life Narratives as an agency for social change” by Dr. Parveen Kumari, Assistant Professor of English, Central University of Jammu.

Dr. Parveen Kumari in her talk focused on the emergence of Dalit literature as social, realistic and revolutionary in nature. She talked about life narratives in Dalit women’s context, a socially excluded group, which through articulation is moving from exclusion to inclusion. Dalit women in their life narratives narrate pain, sufferings and struggle making them as an agency for social change. Prof. Monika Sethi in her presidential remarks focused on more comparative studies regarding Dalit narratives which demand empathy and not pity from the readers. She appreciated the speaker for her well articulated research work on Dalit women writers. Prof. Jasbir Singh, Director, CSSEIP formerly welcomed the guests and introduced the invited speaker. The programme was conducted by Dr. Neharica Subhash, and Dr. Rahul Kundal presented formal vote of thanks. Others who graced the function were Prof. Suman Jamwal, Prof. Sharda Sharma, Prof. Anupama Vohra, Dr. Anju Thappa, Dr. Suresh V. Rao, Dr. Garima Gupta, Dr. Tirath Raj Bhoi, Dr. Priyanka Katoch, Dr. Saranjit Kaur, Dr. Puja Sharma, Ms. Twinkle Mohan, students and scholars from Social Sciences and English department.

National Seminar organized by the Centre

The Centre organized a two day National Seminar on “Social Exclusion and Challenges of Inclusion in India: Need for Paradigm Shift”.

In the inaugural session the edited volume "Social Exclusion and Marginal Communities" and book "Distinctive Voices of Distress and Narratives of Sufferings" were released by Prof. Naresh Padha, Dean Research Studies and Coordinator RUSA, JU as a Chief Guest. He called upon the intellectuals to focus on the research on issues having bearing on our understanding and policy formulations. He also called upon to take up case studies to substantiate the theoretical perspectives on social exclusion.

Prof. Satish Kumar Sharma, Director, Academic & Director, Institute of Conflict Studies and Resolution Strategies, (Sanghol) Punjab was the keynote speaker. In his key note address he highlighted the present perspectives of inclusion in our Society. Prof. Balwinder Singh Tiwana, Punjabi University, Patiala, was the Guest of Honor on the occasion and in his address he focused on Economic dimensions of Social Exclusion. Formal vote of thanks was presented by Prof. Suman Jamwal, Department of History. A large number of delegates from within the university and from other states were present in the inaugural session. Earlier Prof. Jasbir Singh, Director, CSSEIP formally welcomed the dignitaries, and delegates. In his address he gave the brief history of the Centre and explained how the centre has been actively engaged in creating awareness among the under privileged and marginal communities by organizing various lectures, social interactions and health camps. Inaugural session was followed by two parallel technical sessions based on the theme of "Social Exclusion: Concept, Process, and Forms" and "Governance and Social Exclusion" were conducted in which 40 papers were presented. Technical session 1 was chaired by Prof. Shyam Narayan Lal and Prof. Neeru Sharma and co-chaired by Dr. Jasdeep Singh Toor and Dr. Neharica Subhash. Technical sessions 2 and 3 were chaired by Prof. Baljeet Singh and Prof. Sucheta Pathania and co-chaired by Dr. Sarika Manhas and Dr. Savita Nayyar.

On the second day of the seminar, 6 parallel sessions were conducted in which total 100 papers were presented. The sessions were Chaired and Co-Chaired by " Prof. Samridhi Arora and Dr. Aroon Sharma, Dr. Sunita Sharma and Hema Gandotra, Prof. Anupama Vohra and Dr. Meghna Dhar, Prof. Suman Jamwal and Dr. Sapna Sangra, Prof. Sunita Sharma and Prof. Sandhya Bhardwaj and Madhulika Singh and Dr. Shallu Sehgal respectively. Prof. R.K. Mahajan, Central University of Jammu was the Key note Speaker at the Valedictory function. He emphasized on the inclusion of the marginalized sections of the society into the main stream for overall wellbeing of the Country. Prof. Shyam Narayan Lal, Head Department of History, JU presided over the session.

Publications by Centre

Monograph : Centre has published a monograph "Positioning Marginalised Communities in J&K", an attempt to highlight major perspectives of marginalized communities in India with special reference in J&K. The monograph is structured into four major sections. The present monograph is an attempt to visualize the positioning and actual condition of Marginalized Castes in Jammu.

Lecture Series: Centre has published lecture series vol:1-4 consists of the lectures delivered by the eminent scholars time to time.

Edited volume: Centre has published an edited volume titled 'Social Exclusion and Marginal Communities: Challenges of Deprivation and Discrimination' in the year 2020, published by AUTHORS PRESS, New Delhi, India.

Publications by Centre in National and International Journals

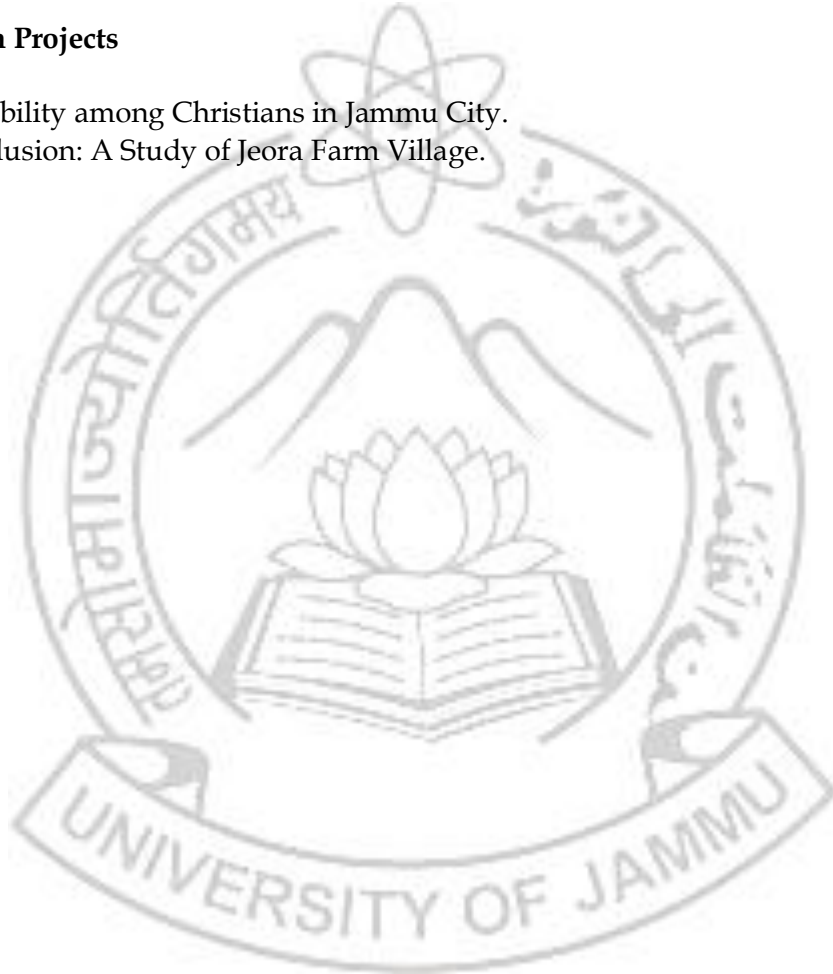
- "Assessment of Urinary Tract Infection Symptoms and Health Hygiene among Adult Women", *International Journal of Science and Research (IJSR)*, <https://www.ijsr.net/archive/v08i1/ART20194006.pdf>, Volume 8 Issue 1, January 2019, 222 – 225.
- "Social Exclusion and horizontal mobility among local society: a study of Mahasha community in Hiranagar tehsil", *IJARP*, Volume 3, Issue 2, 2019, 6-13.
- "Factors of social exclusion: A study of TB patients in Jammu urban", *World Journal of Advance Healthcare Research*, Volume 4, Issue 1, 2020, 52-54.

Minor Research Projects Completed:

- Assessing the Patient's Perception of TB on Self and Family as well.

Ongoing Research Projects

- Horizontal Mobility among Christians in Jammu City.
- Borders of Exclusion: A Study of Jeora Farm Village.



Centre for New Literature Culture and Communications

The Centre for New Literatures started initially as the Centre for Canadian Literatures in September 1994. It soon became the Centre for New Literatures, to be counted as the first of its kind in India and possibly amongst a handful in the world that began providing research and teaching facilities in African, Australian, Canadian, Caribbean as well as Indian Literature in English including translated texts from Indian Literatures into English, under one roof.

The nomenclature of “Centre for New Literature” was further changed to “Centre for New Literatures, Culture and Communication” in 2008 under the ambit of which the scope and activities of the Centre increased manifold. The Centre started facilitating research and studies by following interdisciplinary methodology, involving literary, social, political and anthropological aspects of the research topic. This important dimension of the research provided an impetus to the agreements which were reached between the Centre and the foreign universities, leading to MOUs and agreements with University of Lethbridge, Alberta and University of Calgary, Canada, etc.

The Centre is headed by Dr. Monika Gupta

The objectives of the Centre are:

- To present a multi-disciplinary view of a fact of languages and literatures in the contemporary scenario through improved and increasingly independent studies and communication in the respective disciplines
- To explore and present the varieties of the English language and literatures in accordance with international requirements which strive to prescribe norms for these varieties as defined by the labels such as Canadian, Australian, American, Indian, Carribean and South African with the status of English being considered as the global language today with wide variations in vocabulary, syntax and usage that makes the study of British Literature inadequate.
- To provide primary assistance to the research scholars and the faculty members not only belonging to the Department of English but also from other departments of Literatures in the University are welcome to the Centre, to consult its magnificent collections of books and periodicals in order to prepare their proposals for the registration of M.Phil and Ph.D programmes and preparing their papers for presentations at national and international seminars and conferences.
- To encourage the application of interdisciplinary approaches in the research based proposals and thus equip the researcher to present a wider and a complete perspective of the literary studies more appropriate in today’s altered scenario.
- To maintain research based study relevant to the University’s post-graduate teaching programmes.
- In view of the mutual assistance and formal understanding developed in terms of the MOUs signed with foreign universities, the Centre aims at imparting research facilities which will facilitate the students, scholars and the faculty members to carry out their academic endeavors in the joint research activities, participation in seminars and conferences and exchange of students and faculty members.
- To enhance a better understanding of other world cultures and society.

**Centre for Museology & Sheikh Noor- ud-din Noorani
Museum of Heritage
Centre for Studies in Museology
&
Sheikh Noor-ud-din Noorani Museum of Heritage**

Sheikh Noor-ud-din Noorani Museum of Heritage and Centre for Studies in Museology was established in 2007 and 2008 respectively. This is the only Centre in the State of Jammu and Kashmir that has been set up to train students in museum profession. The Centre seeks to develop into “laboratory, or an interpretation centre”, where the community studies its past and present , its environment, its natural and cultural heritage, in order to have a clearer grasp of its own future.

The Centre is headed by its Director, Prof.Poonam Choudhary.

Aims and Objectives

- Serve as a major Resource Centre for the preservation and promotion of the diverse cultural facets and arts of the people of the State.
- Exhibit representative collections of cultural development in the region.
- Create a “Folk and Tribal Arts” division with a core collection for conducting study, exhibition and live presentations.
- Organize exhibitions and live performances through multimedia projections, conferences, seminars and workshops between and amongst diverse arts: traditional and contemporary.
- Evolve models of research programmes and art administration pertaining to the region.
- Promote the awareness of historical and cultural linkages between Duggar and other regions.
- Develop network with national and international Institutions.
- Encourage and conduct in-house research in the Arts, Humanities and the Culture of the region.
- Establish in future a network of small eco museums in various parts of the region to involve the local communities in heritage awareness and conservation.
- Provide facilities and support for its staff to pursue innovative research, by responding to developments in the intellectual environment and society at large, and by forging close links with the wider academic world, the professions, industry and commerce.
- Promote challenging and rigorous teaching which benefits from a fruitful interaction with the research environment, facilitating the exchange of ideas through tutorials and small group learning and exploiting the University's resources in its libraries, museums, and scientific collections, to equip its graduates to play their part at a national and international level.

To fulfill its aims and objectives, the Centre has developed a good library which includes books related to different fields like Museology, Architecture, Cultural heritage, History, Anthropology, Archaeology, Heritage Tourism, Folklore, Climatology etc.

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
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Prof. Poonam Chaudhary	Ph. D.	Director and Professor	Cultural History. Museum and Heritage Management	26
Dr. Malay Dey	Ph. D.	Assistant Professor	Natural Heritage and Conservation of heritage objects	04

Details of Research Projects including international projects and national collaborative projects

Name of the Project	Agency	Amount Sanctioned (In Lakhs ₹)	Status (Ongoing/ Completed)
Investigator- Prof. Poonam Chaudhary Title- Development of Knowledge Centre for Preservation of Traditional Knowledge system of Ethnic communities of Jammu Province	RUSA 2.0 University of Jammu	1.97	Completed
Investigator- Dr. Malay Dey Title- Documentation of the Art of clay idol making for Skill Archives	RUSA 2.0 University of Jammu	0.50	Completed

Healthy practice/practices of the Department, which Department would want to highlight

- All students of the Centre take part in the maintenance and conservation works regularly to protect the objects of Seikh Noor- Ud- Din Noorani Museum of Heritage.

Activities/Events Organized:

- Centre for Studies in Museology in collaboration with Department of Folklore, University of Kalyani, West Bengal and Department of Museology, Rabindra Bharati University, Kolkata organised a 4 Day Scholar's Lecture Series.

Special lectures on "Rainwater harvesting through some indigenous tools and folk technologies" and "Possibilities and importance of Rainwater harvest in Jammu" were delivered by Prof. Kakali Dhara Maondal, Head, Department of Folklore, Kalyani University, West Bengal and Maj General Goverdhan Singh Jamwal.

The webinar provided an opportunity to scholars of various universities to share a common platform to present their research, discuss and deliberate on issues related to their research.

- Centre for Studies in Museology, University of Jammu organized an International Webinar on "Museums and School Education" in view of the New Education Policy with its major thrust on vocational education. Prof. Manoj K Dhar, Vice Chancellor, University of Jammu was the Chief Guest on the occasion. The webinar focused on partnership between schools and museums. Dr. Hillary Hane Rose, Museum Professional and Education Officer at Girls Virtual Museum, Michigan, USA and Dr. Kanika Mondal, Project Associate, Indira Gandhi National Centre for Arts (IGNCA) were the keynote speakers. Many schools like JK Public School, KC Public School,

Dewan Public School International, Meerut and many national and international scholars participated in the webinar.



Centre for Women Studies

The Centre for Women Studies was established in University of Jammu under UGC scheme for Xth Plan on February 10, 2005.

The Objectives of the Centre have been delineated as :

- Mainstreaming gender issues in the regional context with special reference to Jammu Division and J&K State.
- Developing Research and Training Inputs on Gender Components.
- Strengthening incorporation of Gender themes in the curriculum of post graduate and undergraduate studies.
- Promoting gender sensitive work environment in the Institutions of Higher Learning through Advocacy/Extension/Skill Development.
- Teaching of Foundation / Certificate Course on Gender.
- Encouraging Intersectoral Coordination and Team Building on Gender.

Thrust Areas

- Regional Contextualization on Women's issues and creation of database.
- Institutional leadership through University on Women's issues.
- Education, Empowerment and Quality of Life Improvement.
- Dealing with vulnerability / marginalization/ discrimination / exclusion factors and mainstreaming Women in development process.
- Creation of an enabling environment free from crimes / harassment.
- Promotion of health and well being.
- Women's Writing and Literature.
- Capacity Building.
- Theme based interventions.

Activities of the Centre:

- Centre for Women's Studies, University of Jammu has taken an initiative to launch a Web lecture series. Under this series, the following lectures were delivered during the period:
 - "Common Land in Punjab: Interplay of Caste, Gender and Power" by Prof. Pampa Mukherjee, Professor, Department of Political Science, Panjab University, Chandigarh. She spoke about the status and problems faced by the marginalized communities namely women and Dalits in terms of caste, land ownership and utilization of common resources.
 - "Male Marriage Squeeze and Violence Against Cross Region Brides" by Dr. Neerja Ahlawat, Former Dy. Director, Women's Studies centre & Faculty Department of Sociology, MDU Rohtak, Haryana. She spoke about the phenomenon of declining sex ratio in Haryana which has led to male marriage squeeze and violence against the cross region brides.

- “Gender and Disability: New Challenges in the COVID-19 Scenario” by Prof. Nilika Mehrotra, Professor & Former Chairperson CSSS, Jawahar Lal Nehru University, New Delhi. She spoke about the various issues and challenges faced by the physically disabled persons especially in this present COVID-19 scenario.
- “Constitution of India and Empowerment of Women & Girls: Challenges Ahead in COVID-19 times” by Prof. Vibhuti Patel, Former Head, Department of Economics, SNDT Women’s University Mumbai & Former professor, Advanced Centre for Women’s Studies, School of Development Studies, Tata Institute of Social Sciences (TISS), Mumbai. She highlighted about the violation of women’s rights and gendered experiences in prevailing pandemic situation.
- “Claiming Spaces and marking Horizons: Women in Challenging Professions” by Ms. Nitu, Deputy Inspector General (DIG), Central Reserve Police Force, New Delhi. The Keynote speaker deliberated upon how some professions still remain challenging and have a specific gender orientation. She spoke about the half life that women in uniform lead as it requires a lot of sacrifice, balance, strength and an extra mile to be able to perform and claim the space which otherwise is denied. She also highlighted the barriers and challenges faced by women professionals in male dominated professions and also the positive changes that society is bringing in. The webinar was presided over by Prof Manoj K Dhar, Vice Chancellor, University of Jammu. Prof Dhar, in his opening remarks applauded the efforts undertaken by the Centre to organize the series of web lectures. Further he appreciated that the Centre was able to bring in the eminent experts across the states to share their knowledge with the participants thus raising the various issues related to women and Gender equality.
- The Centre for Women’s Studies, University of Jammu started with a webinar cum workshop series on the theme ‘Gender Sensitization and Gender Awareness’ to train various stakeholders on the issue of gender and create awareness on various related concepts.
 - Webinar on the theme ‘Gender in School Education and Gender concerns in NEP 2020’ in collaboration with Directorate of School Education for the school teachers. Prof. Vibhuti Patel, Former Professor, Advanced Centre for Women’s Studies, Tata Institute of Social Sciences(TISS), Mumbai was the Resource Person.
 - Webinar cum workshop on ‘Gender Sensitization’ in collaboration with Women Development Cell of Government Degree College, R S Pura, Jammu. Dr. Swati Dyahadroy, Faculty, KSP Women’s Studies Centre, SP Pune University was the Resource Person. The Webinar was attended by a large number of participants consisting of teachers, students, scholars of Government Degree College, R.S Pura as well as from the different departments of the University.
 - Webinar on “Gender Sensitization” in collaboration with Government College for Women, Udhampur. Dr Nirmala Jadhav, Director, Tarabai Shinde Women’s Studies Centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad was the Resource Person. The Webinar was attended by more than one hundred participants comprising teachers, students, scholars of GCW, Udhampur as well as from the different departments of the University. The participants very actively took part in the

discussion which was followed by a Lecture. Many observations and queries were raised which were answered by the resource person to their satisfaction.

- The Centre for Women's Studies conducted two special online lectures for the students of two Certificate Courses, namely Gender Issues and Women & Law on the topic "Sexual Harassment at Workplace (Prevention, Prohibition & Redressal) Act, 2013". Prof. Gurpreet Bal, former Dean and Head of the Department of Sociology, Guru Nanak Dev University, Amritsar was the Keynote Speaker.



Central Library

The Central Library of the University, the 'Dhanvantri Library' is housed in a three storied building constructed over an area of 60,000 sq.ft. It has a rich collection of books, journals, periodicals, manuscripts, dissertations, thesis etc. which cater to the varied academic and research needs of the users. The library has large reading halls and compact stack areas with open access. About 500 students can be accommodated in the reading area of the library. Most of the functions of the library have been computerized. RFID technology is being used for the security purpose. Access of EDUSAT is provided to the students, research scholars and faculty members.

Facilities for students, scholars and faculty members

- Reading Room facility is functional 24 X 7 for faculty, bonafide Research Scholars, Students, Alumni and others in all the three floors of the Library.
- On-Line Public Access Catalogue (OPAC) provided at the Circulation Counter and the stack areas for the Users of the Library.
- Browsing Room special facility for consultation of magazines and newspapers.
- Resource Cell for Visually Challenged Students.
- Facility of Separate Section for Research Scholars.
- INTERNET Section of the Dhanvantri Library provides access to Journals
- Research and Documentation section provides access of any news/articles on Jammu & Kashmir published in local/national news papers.
- INFLIBNET E-JOURNALS CONSORTIUM provides access to more than 14000 online ejournals in the Dhanvantri Library.
- Edusat programmes running regularly.
- Online available database demonstration organized for the students and faculty members to access their usefulness.
- Xerox facility available during all working days
- Uninterrupted power supply assured in the library
- Latest procured books displayed in the new arrivals
- Self issue/return of books through Smart Card.

Library Services

	Existing			Newly added			Total		
	No.	Copies	Value in Rs.	No.	Copies	Value in Rs.	No.	Copies	Value
Text Books	10971	-	-	52		264000.00	11023	-	-
Reference Books	9313	-	-	08		154000	9321	-	-
e-Books	-	-	-	-	-	-	-	-	-
Journals									

e- Journals	-	-	-	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-	-	-	-
CDs Video	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-

Details of new equipments purchased (ICT, Infrastructure etc) and augmentation of already existing ICT and Physical Infrastructure/ facilities in the central Library during the period.

Reading Room Facility

Number of users (category wise) on daily basis

Teachers	Students	Scholars	Outsiders	Any other category
2-5	950-1000	150-170	80-100	80 (Private Membership)

Percentage increase/ decrease remained almost same as no additional infrastructure has been created during the period.

Internet usage

Number of users (category wise) on daily basis

Teachers	Students	Scholars	Outsiders	Any other category
0	27	15	Nil	Nil

Percentage increase/ decrease remained almost same

Any special feature like organizing event, book exhibition, Training etc. during the period

- More than 500 thesis, synopses, dissertations, research papers and other research documents are checked for plagiarism till March 2020.
- As per the online statistics shown on Shodhganga website, more than 810 thesis are uploaded and more than 50 thesis are under the process of uploading till March 2020.
- Compilation of Bibliography of Doctoral Thesis received in the Dhanvantri Library till March 2020.

Book issue-return details

Number of Books issued and returned (Category wise) on daily basis

Teachers	Students	Scholars	Outsiders	Any other category
2	75	70	Nil	Nil

Percentage increase/ decrease remained almost same

Initiatives taken for promoting & popularizing use of library among teachers, students, scholars, general public, etc.:

- Upkeep and maintenance of the reading Halls (including ACs, fans, furniture, drinking water facility, washrooms, sanitary pad machine, photocopier, etc.) have been regularly ensured to meet the aesthetics of readings by the users.
- Lift has been installed and made functional especially for differently abled persons.

Any special feature like organizing event, book exhibition, training etc. during the period.

- Dhanvantri Library in collaboration with Informatics organized Webinar cum online Training Workshop on e-Resource Platforms (J-Gate, FedGate, EZProxy). Mr. Ajay Sahay, Manager Training (J-Gate) North Informatics Global was the Resource Person.



Centre for IT Enabled Services and Management

The era of Internet started in the University under the aegis of Department of Computer Science in the year 1999-2000. A Central Internet facility was created in the Department of Computer Science for the rest of the Departments. In the Year 2002-03 the University established a Campus wide Network on Optical fibre backbone connecting all the Teaching departments and Administrative offices and the internet connectivity was extended to almost all the academic departments.

The centre today offers essential ICT services including Internet Access, Emailing, IT security, Wi-Fi access, development and maintenance of Various University Portals, Problem diagnostics and troubleshooting etc. through a network comprising approximately 4000+ nodes. All ICT services offered by the centre remain operational 24x7 across the University.

To provide Internet facility and access to online learning material, the Centre administers a 1-Gbps link to the National Knowledge Network. In addition, the centre manages an additional Internet bandwidth of 500 Mbps available through other operator.

Wi-Fi Facility

- Wi-Fi Campus Network covers entire campus which includes all buildings and outer surroundings
- Seamless Roaming facility
- 24X7 hours Availability
- 802.11g/b/n/ac/ax protocol used

Measures for Cyber Security in University of Jammu

- University of Jammu installed SOPhos XG750 UTM firewall Device with the following features:
- Web & application Protection: control over all users' web and application activity.
- Provides enterprise-level Secure Web Gateway policy controls to easily manage sophisticated user and group web controls.
- Enables user-aware visibility and control over thousands of applications with granular policy and traffic-shaping (QoS) options based on application category, risk, and other characteristics.
- Provides protection from the latest spam campaigns, phishing attacks, and malicious attachments.
- Load balancing.
- Firewall rules: You can allow or disallow traffic flow between zones and networks based on the matching criteria. You can implement policies, specify access for endpoint devices and servers, and prioritize traffic.
- Frames User authentication Policy.

Functions / Activities:

Computing Services

- Management of the Centralized Internet Facility.
- Management of the Campus-wide Network.
- Operation & Maintenance of Website of the University.
- Providing IT support services to Various Departments, Administrative Sections, Hostels & Guest
- House of the University .The services include:
 - Creation of Users
 - Configuring of LAN/ WI-FI Settings on Individual machines/Laptops
 - Troubleshooting of various problems etc.
- Preparing and processing the tender document for selection of a vendor for supply of various networking items.
- Technical support on Video conferencing for running Global Understanding Programme being run in collaboration with University of East Carolina.
- Providing Video Conferencing facility through NKN for various events organized at the Centre/State level.
- Conducting training programmes in the field of IT and Computer networks.
- Maintaining Complete Telephone directory of the University with E-mail addresses



Guest House

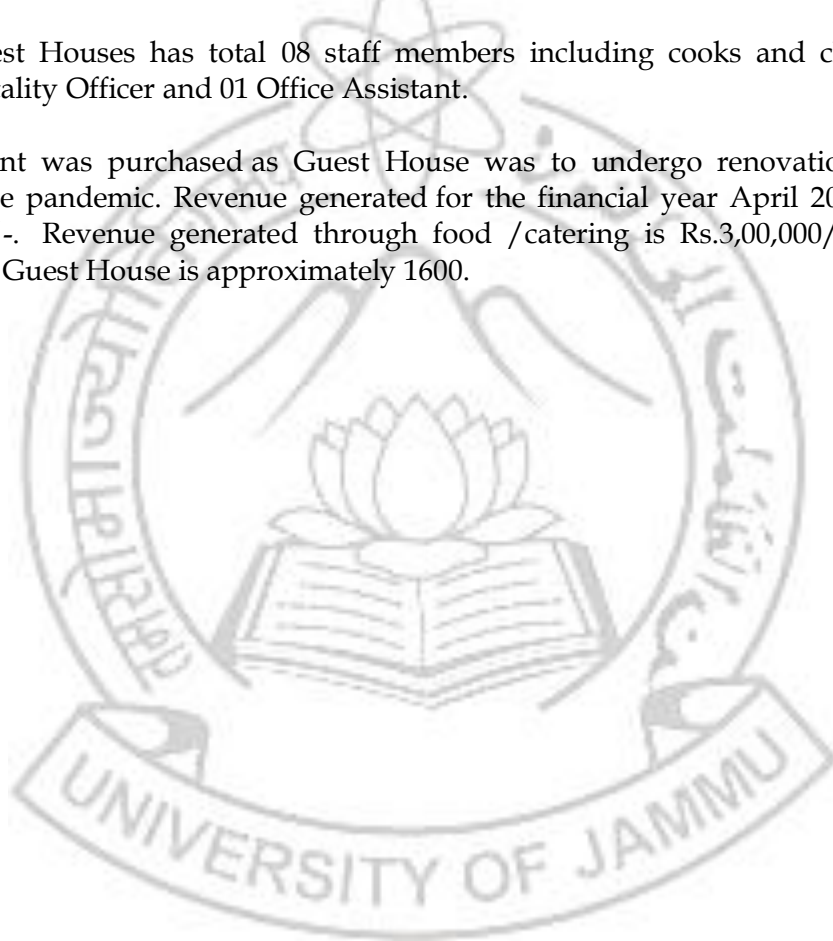
University Guest House, one of the important constituents of the University was established in April 1981. At present, University of Jammu has 03 guest houses with approximately 60 of rooms in all. Guest Houses have been categorized as GH-I (main Guest House),GH-II (Faculty Transit House) and GH -III (Faculty House). GH-I has a mess and the same mess caters to GH-II and GH-III.

GH-III is for the time being been **converted into girls hostel** with ground floor reserved for the HRDC candidates who visit for their career enhancement/Refresher Courses.

GH-I has 22 rooms, out of which few rooms are reserved for Controller of Examinations, HRDC and Kashmir University respectively. GH- II has 08 rooms which are more like service apartments with their own little pantry cum kitchenette and a dining area with suitable partition for privacy.

All the three Guest Houses has total 08 staff members including cooks and chowkidars with 01 Manager,01Hospitality Officer and 01 Office Assistant.

No new equipment was purchased as Guest House was to undergo renovation which has been delayed due to the pandemic. Revenue generated for the financial year April 2019-March 2020 has been Rs. 5,10,000/-. Revenue generated through food /catering is Rs.3,00,000/-. Total number of Guest who visited Guest House is approximately 1600.



Auditoriums

General Zorawar Singh Auditorium Complex

The General Zorawar Singh Auditorium Complex, one of the mega infrastructural projects of the University was established in 2007. The Auditorium showcases the rich, diverse and pluralistic traditions and heritage of Ladakh, Jammu and Kashmir and is a step towards meeting the needs and aspirations of the students and the people of the region. The Complex houses an auditorium, a museum and an art gallery. The auditorium is named after General Zorawar Singh, a Dogra soldier, famous for his military expeditions. The Museum is named after Shiekh Noor-Ud-Din Noorani, a great sufi and propagator of Rishi cult in Kashmir and the Art gallery is named after Rinchen Bzangpo, a scholar and propagator of Buddhism in Ladakh and the founder of Gompas, famous for their architecture and design.

The Auditorium has a seating capacity of around 1400 and can be divided into two with the help of a state-of-art hydraulic stage and sliding-folding partition to create a mini auditorium with a seating capacity of 400. The Complex also has a brainstorming room, a reading room cum library, an exhibition hall, a souvenir shop, a green room etc.

The major collection of the Gallery is of contemporary paintings. These paintings have been received from the artists who participated in the "All India Contemporary Artists Camp" at Patnitop (Jammu) in October 2004, organized by the University of Jammu. The other collection is of black and white photographs, sketches and paintings which have been donated by renowned artists and art historians like Prof. S.D.S Charak, Sh.Satti Sahni and Sh.Sarbjee Singh. The Art Gallery also houses some beautiful wooden sculptures, which were carved in the special "Wood Carving Camp" organized by the University of Jammu in 2005 and attended by renowned sculptors from all over the country.

The Shiekh Noor-Ud-Din Noorani museum housed in the ground floor of the complex has a collection of artifacts covering the history of our State through various ages. The interesting displays in the museum include the remains of Krimchi Temple and a replica of Burzahom pit.

Through this unique combination of an art gallery, a museum and an auditorium, the University seeks to create a holistic academic ambience, where students have exposure to visual arts, performing arts and culture not just for career building but enriching their existing faculties and bringing forth new ones.

The Auditorium is being utilized for holding conferences, seminars, award functions, concerts by the various departments of the University, affiliated colleges, educational institutions, social organizations, etc. During the period under reference, more than hundred events were organized in the General Zorawar Singh Auditorium (both from inside and outside the University).

Health Centre

A First Aid Centre was initially established in the premises of the boys' hostels of the University managed by a part-time medical assistant. Later, the First Aid Centre was upgraded to a full fledged Health Centre in the early seventies to provide medical aid benefits to the University community and the dependents of the University employees.

Facilities and Services provided:

The Health Centre has grown manifold over the years. The facilities provided are as follows:

- OPD Level Treatment (8 A.M - 8 P.M)
- Dental Facility
- Physiotherapy
- Ultra Sound weekly
- Clinical Laboratory
- ECG Facility
- X-Rays thrice weekly
- Ambulance Service
- Emergency Services on call/ telephone
- Referral to GMC & associated hospital in need
- Reimbursement facilities during hospitalisation
- Immunization camps for Polio eradication
- Treatment of sports personnel during sports meeting
- Inspection of canteens/ cafeterias
- Cleanliness and Sanitation of the campus.

Apart from this, the Health Centre also looks after sanitation and cleanliness in and around the campus, canteens, hostels and undertakes disposal of garbage in collaboration with the Municipality of Jammu.

Different Lab tests like routine Blood (Hb%, TLC, DLC, BT, CT, Blood Group ,PBF) Urine R/E, stool exam and different biochemical tests like Blood Sugars, Cholestrol, Lipid Profile, B Urea, S. Creatinine, S. Billirubin, Widal tests have been conducted on 331 patients during the period.

Activities/Events Organized:

- University Health Centre in collaboration with Gandhi Global Family and Directorate Indian System of Medicine organized 201st COVID-19 Medical cum awareness camp at University of Jammu where immune boosting drugs were distributed by a team of Doctors to Scholars, Employees and their dependents. The camp was inaugurated by Dean Student Welfare, Prof Jasbir Singh, in the presence of Chief Medical Officer, Dr. Bharat Bhushan, University of Jammu. Nearly 1110 University employees and their dependents were attended by a team of ISM Doctors Dr. Shifali Sharma MO, Dr. Shukpreet Kour and Mr. Nishant Khajuria , Pharmacist.

National Service Scheme

The National Service Scheme was started to establish a meaningful linkage between the campus and the community. The NSS was started in the University of Jammu in the year 1981. The University of Jammu is the only University in India, which gives substantial credit to NSS Volunteers for seeking admission in the various post graduate courses of the University of Jammu on the basis of their performance as an NSS volunteer. In recent past, NSS in the University of Jammu has made tremendous strides in the field of social work, community extension and reach out and personality development.

Based on the successful conduct of activities by NSS in the University of Jammu, the allocated strength of NSS volunteers was increased by the Ministry of Sport and Youth Affairs, Government of India from 5900 (2005) to 16400 (January 1,2010).

Activities/Events organized:

1. NSS Campus Units organized an informative and interactive session on World Environment Day under the Chairmanship of Vice-Chancellor University of Jammu, Prof Manoj Kumar Dhar, who is also the Chairman, NSS, University of Jammu. While speaking on the theme of this year's Environment Day "Ecosystem Restoration", Prof. Dhar said that in order to derive ecosystem services we need to restore the health of the ecosystems. He elaborated that healthy ecosystems are rich in biodiversity besides giving greater benefits in terms of higher yields of food and timber, clean air and pure water, reverse effects of climate change, etc. The Chief Resource Person on the occasion was Sh. OP Sharma Vidyarthi, IFS Retired Principal Chief Conservator of forests and an ardent environmentalist.
- National Service Scheme (NSS), Campus Units, University of Jammu, Jammu organized National Online Tree Talk Competition" on an event of Biological Diversity Day- 2021 on the theme "We're Part of the Solution". The competition was open for all. A large number of NSS Volunteers, Students, Scholars, and Alumni in all age groups participated in the competition with great enthusiasm and fervor. The participants had to talk and upload the videos or audios about their talk for which an online form was created. Mr. Jugesh Singh of Department of Geology, University of Jammu, Jammu, achieved First Position, while Second Position was achieved by Mr. Aakash Bhat from Department of Botany and Third Position was achieved by Ishta Bandral from The Law School, University of Jammu. Certificate of Merit was shared by four participants namely, Rahul Sharma of KC. B.Ed. College of Education, Jammu, Moksh Bhargav and Pratyush Sharma both from The Law School, University of Jammu and Ranjana Devi, Librarian Govt. High School, Jammu. Under Special Participation category, two school students also participated and Peehu Sharma from Kendriya Vidhalaya, Bantalab, Jammu achieved First Position, while Second Position was achieved by Jigyra Setia, Sant Nirankari Girls School, Delhi. E- Certificate of Participation has also been awarded to all participants.
 - National Service Scheme (NSS), Campus Units, University of Jammu, organized Event on Blood Donation on the theme "Give Blood and Keep the World Thriving". The theme highlighted the essential contribution of blood donors in keeping the world pulsating by saving lives and improving others' health. Prof. Manoj. K. Dhar, Vice-Chancellor, University of Jammu, as Chairman, NSS, extensively talked about the need for awareness-building activities for encouraging more youth to donate blood. He also stressed the need to fill the gap in demand and supply, and a scientific understanding of blood types, and blood donation. He encouraged the

students to become lighthouses of information for encouraging not only the NSS volunteers, but others also to donate blood, because blood cannot be manufactured synthetically. He also appreciated both Mr. Jasvir Singh and Mr. Vikas Pandita, who were the Chief Resource Persons for the day, alumni of the NSS and the University of Jammu, who are excelling in their fields.



University Science Instrumentation Centre

The University Science Instrumentation Centre (USIC) was established in the year 1987 with the following objectives and goals:

Goals, objectives and action plan developed to achieve these objectives

To provide service to University Departments/Centres/Offices/Affiliated Colleges in repairs and Maintenance of their instruments.

To provide and assist analytical services on specialized instruments available in the University.

To provide support facilities in designing and fabrication of teaching-aids and kits of scientific equipment to all the departments of the University in their teaching and research programmes.

All purchase proposals of the science faculty for purchase of scientific items are being routed through SSO, USIC for scrutiny and who also conducts proceedings of the Central Purchase Committee (Sciences) meeting.

Physical infrastructure, equipments and facilities

Physical Infrastructure

USIC building including plinth area: 2500 sft. + 1000 sft. i.e.

Laboratory area (Analytical Lab., Electronics, Electrical, Office & SSO Room): 2500 sft.

Three workshops (Glass blowing, Mechanical, Refrigeration): 1000 sft.

1st Floor of USIC with area of approx. 1000 sft. consists of 3 Rooms housing computer section, store and analytical section.

Equipments available in USIC

Glass Blowing Section

1. Glass Blowing lathe
2. Glass Cutting Machine
3. Furnace
4. Surface Grinding Machine
5. Pentograph Machine
6. Glass Grinding Machine etc.

Mechanical Section

1. HMT Lathe

2. Drill Machine (.25 mm)
3. Hecksaw Machine
4. Grinding Machine
5. Welding Set (300 Amp.)
6. Air Compressor etc.

Electrical Section

- Testing Equipment etc.

Electronics/ Analytical Section

- UV-Vis-Spectrophotometer
- Ion Analyzer
- Water Quality Analyzer
- Cathode Ray Oscilloscope
- Electronic Balance
- pH meter
- LCR Meter
- IC Tester
- Soldering De-soldering Station
- UPS -2KVA etc.
- Gas Chromatograph

Refrigeration Section

- Testing Equipment etc

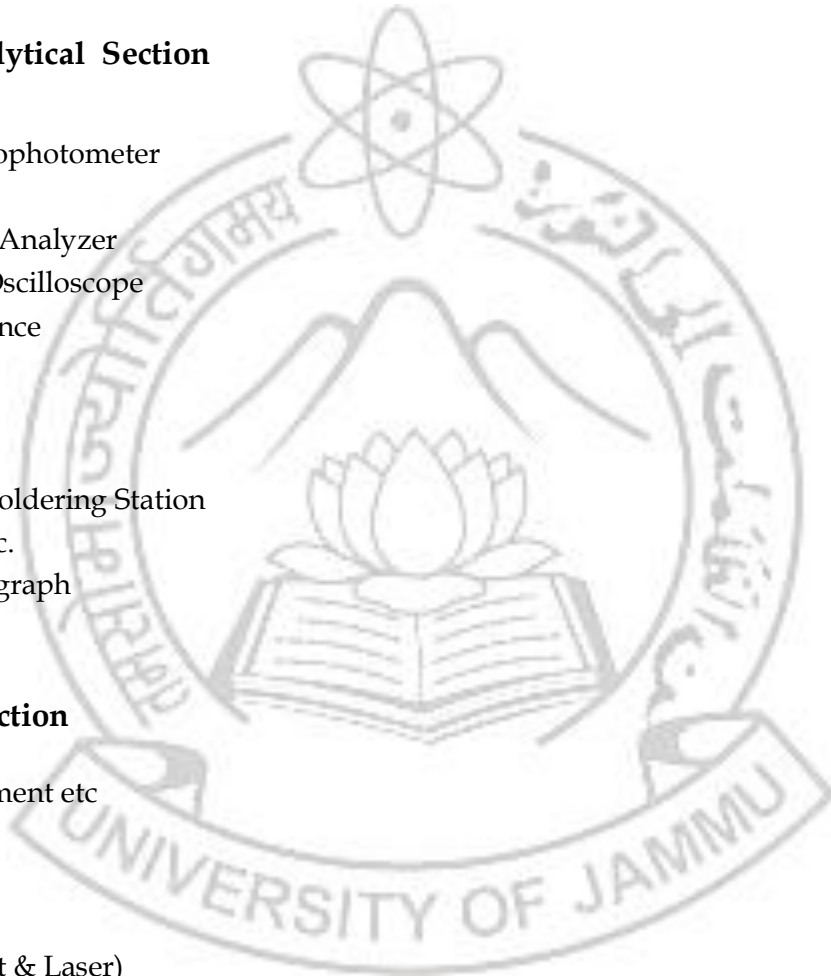
Office

- Computers
- Printers (Ink jet & Laser)
- Scanner etc.

Facilities

Refrigeration Section

- Repair of:**
1. Refrigerator
 2. Air Conditioner - Window type
 3. B.O.D./Incubator



4. Water Cooler
5. Rewinding of compressor and Fan motor of air conditioner

Electrical Section

- Repair of:**
1. Transformer
 - (a) Automatic
 - (b) Manual
 2. Heating mantle
 3. Stirrer
 4. Hot plate
 5. Oven
 6. Furnace
 7. Melting point apparatus
 8. Conventional heat convector/Blowers
 9. Water bath
 10. Normal checking of conductivity of instruments
 12. Fabrication of single phase transformers (automatic and manual) upto 8KVA capacity.

Mechanical Section

1. Welding
 - (a) Electrical
 - (b) Gas
2. Sheet cutting
3. Drilling upto 1 inch-diameter
4. Turning and lathe applications
5. Grinding
6. Gauge measurements
7. Fabrication of mechanical jobs as per the design specifications given by the concerned.

Glass Blowing Section

- Repair of:**
1. Tower apparatus
 2. Measuring cylinder
 3. Conical flask
 4. Burette
 5. Guard tube

Fabrication of:

1. Capillaries
2. Condenser bulb type
3. Guard tube

4. Dean stark apparatus
5. Column

Electronics Section

- Repair of:**
1. Projectors
 - (a) Overhead
 - (b) Slide
 2. Muffle furnace
 3. Microscope
 - (a) Binocular
 - (b) Stereoscope
 - (c) Optical
 4. Single pan balance
 5. Conventional Camera
 6. Lux meter
 7. Dissection light
 8. Emergency lights (handy)
 9. Handy air sampler
 10. Sound meter

Measuring and testing

- Digital IC testing.
- Inductance, capacitance and resistance measurements/testing.
- Conductivity, total dissolved oxygen, pH value, salinity measurement.
- Ion analysis: ammonia, bromide, cadmium, calcium, chloride, copper, carbondioxide, fluoride, lead.
- Electronic weighting facility available (200 gm) upto 3 decimal place.
- UV-analysis (range 190nm-1100nm) – spectrum, time scan, photometric, concentration.
- USIC has procured a gas chromatograph which is used as centralized facility for all the science departments of University of Jammu.

In addition to repair/fabrication facilities, scrutiny of purchase proposals of science departments and scrutiny of firms entering into annual rate contract with the University of Jammu for the supply of chemicals/glassware/plasticware etc. is done.

Regular and special activities

- Repair and fabrication of equipment for Departments of University of Jammu as well as outside University.
- In addition to its normal assistance in undertaking fabrication/repair jobs, USIC has been actively associated with the purchase process of scientific goods for the science departments of the University. All purchase proposals of the science faculty for purchase of scientific items are being routed through SSO, USIC, for scrutiny and who also conducts proceedings of the Central

Purchase Committee (Sciences) meeting. It has helped in improving and streamlining the scientific purchases of the University.

- Repair and fabrication of glassware in favour of agencies/organizations (other than University of Jammu) is done against payment. Charges for repair/fabrication of glassware depend on the complexity of the job. General repair of glass apparatus at the discretions of technician depending on job.

Any other information that is deemed suitable for highlighting the achievements and

Development

Technical verification of furniture items like almirahs, steel racks etc. regarding their gauge and their weight and other general purpose items like fire extinguishers procured by different section/departments of University of Jammu is done.

In order to reduce the response time of repairs and to reduce the time for procurement of spare parts needed for repairing equipment, the Competent Authority has approved a committee to visit the market for ascertaining the lowest competitive rates and procure the spare parts on cash payment, needed for repairing the equipment/computers etc. of all the science departments of University of Jammu, as and when need arises; out of Common Pool of Payment seat fund. Purchase process initiates on the consent of Head of the concerned department and is held under the direction and supervision of Hon'y Director, USIC.

New initiatives/ future plan

Under DST-PURSE-II program one post of Computer Technician and one post of instrumentation Technician have been sanctioned which will the augment the repair services provided by USIC to different departments of University of Jammu in the field of computer system and its peripheral devices and other instrumentation available in different departments of University. This will reduce repair/ response time as well as will be expedient in terms of finance.

Department of Dean Students Welfare

The Office of the Dean Students Welfare was established in 1972. Department organizes various cultural/literary competitions to inculcate creativity among the students in about 16 events with active participation from almost all Affiliated Colleges and Teaching Departments of the University. On the basis of the performance in Inter-Collegiate contests, the students are deputed for Zonal, National and International Level Competitions being organized by Association of Indian Universities, Ministry of Youth Affairs and Sports and Ministry of Parliamentary Affairs, Government of India, Indian Council of World Affairs, National Council for Cooperative Training, Shiksha Mandal Wardha and other Universities and prestigious Institutions. Arranges performances by the visiting artists of National and International repute and conducts special lectures and workshops etc. To date our students have excelled in various competitions and have even visited countries like USSR, JAPAN, BULGARIA, U.K and SOUTH KOREA etc.

The Department supervises the infrastructural facilities for organizing various Academic and Cultural/Literary activities, working of the Cafeteria, Canteens, Eat Points, Kiosks for various student services viz. Photo Copying, Stationery, PCO, Book Shop and Daily Needs Shop etc. Law & Order and Maintaining Discipline on the Campus also includes the designated duty of the Department.

The emphasis has been laid to provide the students and scholars, quality food and sumptuous edibles, juices, snacks and beverages etc. at the Campus as they have to stay at the Campus for long hours attending the practical classes and consulting the libraries etc. The Canteen Committee keeps complete check on all these central facilities.

Goals, Objectives and Action Plans Developed To Achieve Objectives

- To plan, organize and conduct Students Welfare programmes including cultural and literary activities, festivals, extension and special lectures, youth clubs, societies etc.;
- To co-ordinate the work of student services and agencies in the University and motivate faculty involvement in the students' welfare programmes;
- To prepare the activities calendar in co-operation with the Heads of the teaching Departments of the University and Heads of affiliated/constituent colleges;
- To provide secretarial services to the Board of Sports and Youth Welfare and pursue and implement decisions taken by it or the Syndicate in regard to Students Welfare activities;
- To maintain discipline and deal with cases of indiscipline in the University Campus and provide secretarial services to the Discipline Committees in accordance with the Discipline Regulations that may be framed by the University from time to time;
- To devise ways and means for promoting the well-being of the University students social, moral, emotional and inculcating among them regard for great ideals like loyalty to the country, devotion to duty and pursuit of truth;
- To supervise the working of Cafeteria, Canteens, Eat Points, Kiosks and Reharris etc.
- To prepare reviews and reports of the activities pursued during a year; and
- To perform such other functions as the University Council or the Syndicate or the Vice-Chancellor may direct or as may be deemed necessary for promotion of Youth Welfare and maintenance of discipline among students.

- To form various Clubs like Theater Club, Music Club, Fine Arts Club etc to enhance the cultural activities in University.

Activities organized by the Department

Main events organised at Brig. Rajinder Singh Auditorium Complex are:



Placement Cell

The Placement cell of University of Jammu was established in 2009, with the prime objective of facilitating Placement and Summer internships for the students of of the University of Jammu. With a short span of nearly a decade, the Placement cell has been able to develop a strong Corporate network that has helped to bridge the gaps between the industry and academia, while leveraging tangible outcome in terms of placements. The corporate brands with whom the University has been able to liaison with includes TCS, ITC, SBI, RBI, Ceasefire, Byju's, Amazon, Airtel, HDFC, ICICI, AXIS, WIPRO, Water Health, Yes Bank, HCL, Azim Premji Foundation, Naukri.com, Disha Foundation, Uflex Chemicals, DNAXpert, L&T, Renault and Oracle India. For the current year a total of 52 students have been placed through placement drives in the different organisations such as DNAXPERT, ITC, ICICI BANK, SHARE KHAN, PREVENT DENSPRO, FOODPANDA.JARO EDUCATION, CEASEFIRE, DHFL, ICICI PRUDENTIAL, OPPO MOBILE .

Details of campus placement

On Campus			Off Campus		
Number of Interviews Conducted	Number of Students Participated	Number of Students Placed	Number of Interviews Conducted	Number of Students Participated	Number of Students Placed

Activities/ Initiatives organized by students (during the period)

Fairs	Exhibitions
University Level :NA	University Level : NA
State Level : NA	State Level : NA
National Level : NA	National Level : NA
International Level :NA	International Level :NA

Activities/ Initiatives organized by the University (During the period)

- Placement cell, University of Jammu under JU Web Lecture series on Career Planning organized :
 - a) Web Lecture on “Career Planning in Business and Management” by Mr. Vishal Bhardwaj from Mr Cooper Dallas TX USA, an expert in the field of Business Analysis and Business IT Consulting and with over 20 years of experience in Corporate sector. The lecture was attended by approximately 90 students of the University and Offsite Campuses.
 - b) Web Lecture on “Career Planning in Business and Management” by Prof. Rajat Sharma from IIM Ahmedabad who is also an alumnus of Department of Mathematics, University of Jammu. Prof. Rajat deliberated upon the need to understand the dynamics and relevance of 5C’s model in the career planning of the professional students.

- Placement cell, University of Jammu under JU Web Lecture series on Career Planning organized Web lecture on “Career Planning and opportunities in Bio Sciences” by Prof. Mrutyunjay Suar, Director, School of Biotechnology, Kalinga Institute of Industrial Technology Bhubaneswar, Odisha. Prof. Suar is a reputed scientist in the field of vaccine and has two patents "Live Attenuated Salmonella Vaccine" and “A pharmaceutical Combination for treating Tuberculosis” to his credit, besides various international and national collaborations. He is also the Chief Executive of Technology Business Incubator at KIIT (KIIT-TBI), which is promoting 23 start-ups in the field of ICT, Biotechnology and Engineering.
- Placement cell, University of Jammu under JU Web Lecture series on Career Planning organized a lecture on “Career Planning and opportunities in Artificial Intelligence (AI) and Natural Language Processing (NLP)” by Mr. Ankush Sabharwal, Founder and CEO of CoRover, Asia’s leading company in ChatBot technology across banking, finance, healthcare, manufacturing, travel and eCommerce. CoRover has won trust of many leading enterprises like Microsoft, Birlasoft, Accenture, AGC, ATC/ITC, IGL, IRCTC, Flipkart, Orange, KSRTC, DAVP, NPCI (RuPay, UPI), 50+ Banks, Media Houses, AIM/NITI Aayog, BOSCH etc.
- Placement cell, University of Jammu has been organizing various training related activities including web lecture series on Career Planning. In line with this, the cell organized a special online session on “Resume Writing” to further enrich the student fraternity. The session was planned to help the students in writing their resumes professionally. The session was organised under the patronage of Prof. Manoj Kumar Dhar, Vice Chancellor, University of Jammu. Prof. Dhar in his message appreciated the efforts of Placement Cell in their endeavour to organize various functions, which will go a long way in sensitizing the students about the various career paths, which they can undertake to achieve success in their life. Mr. Ankit Sharma, proud alumnus of NIT Jamshedpur and IIM Nagpur and having an experience as Investment Banking Analyst, Social Media Manager and Customer Experience Manager was the Resource Person. The session was attended by close to 100 students from various departments of the university.

Fairs	Exhibitions
University Level :NA	University Level :YES
State Level :NA	State Level :YES
National Level :YES	National Level :NA
(Business Competition of CII and AIMA for MBA students)	International Level :NA
International Level :NA	

Details of activities and support from Alumni Association, Parent-Teacher Association, any other association w.r.t. placements.

The Alumni Association of Professional departments are actively involved by interacting with the students and help them in placements. Alumni are acting as backbone of the various professional departments. The Alumni meet of The Business School was held in the Month of December, 2019.

Details of activities and events for building relations with Industry with respect to Placements and improving job prospects.

Dean Students Placement visits various organizations for building relations with the industries.

Any other activity/ event organized for enhancing the employment prospects of students.

There are departmental Placement committees constituted by the respective HOD's / Directors. These Committees assist in organizing placement drives and makes efforts for finding Job prospects of the students. In order to enhance the placement opportunities, the centralized placement committee was constituted for the session 2019-20 namely

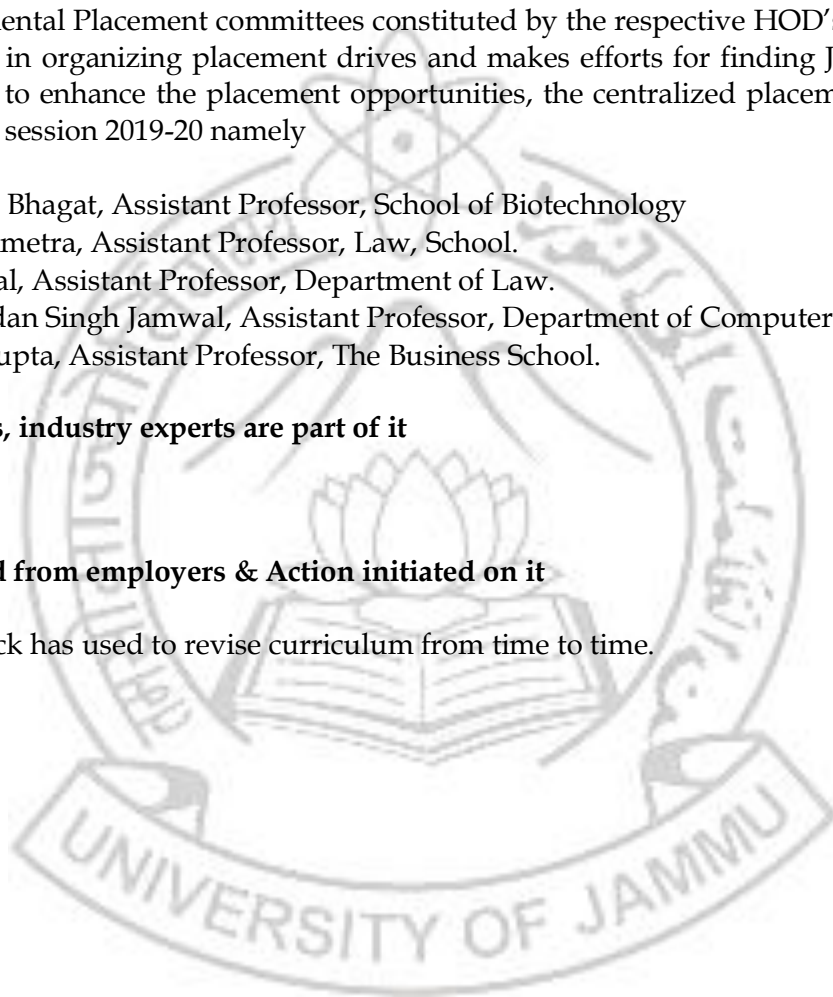
- Dr. Madhulika Bhagat, Assistant Professor, School of Biotechnology
- Dr. Seema Rohmetra, Assistant Professor, Law, School.
- Dr. Vijay Sehgal, Assistant Professor, Department of Law.
- Dr. Shubhnandan Singh Jamwal, Assistant Professor, Department of Computer Sciences.
- Dr. Shelleka Gupta, Assistant Professor, The Business School.

Whether students, industry experts are part of it

Yes

Feedback received from employers & Action initiated on it

Employers feedback has used to revise curriculum from time to time.



Global Understanding Course

University of Jammu became the charter member of the International Association of Global Understanding (IAGU) in 2008 and started a Certificate Course in Global Understanding in collaboration with twenty five foreign universities from sixteen countries. Subsequently, the International Association of Global Understanding (IAGU) was renamed as Global partners in Education (GPE). The course became a major component of the global academic initiatives taken in the University of Jammu.

The Global Understanding course provides opportunity to students from twenty three Universities on five continents to study and collaborate with their peers through face to face class meetings using live video, audio, and chat technologies. Through lectures, small group discussions and by working with individual partners, the students learn about universal issues ranging from family structure to cultural prejudices and stereotypes.

The course provides unique opportunities to learn, to communicate, appreciate, work with and understand people from other cultures through direct and personal interaction with students from other cultures.

The 25th batch of this course concentrated on the Global Cultural issues. The course aimed at developing an understanding of communication and culture, in both global and community settings, and the way members of diverse cultures and subcultures utilize unique systems, symbols and media representation to communicate among themselves and other groups. Special emphasis was on developing communication competence, appreciating cultural diversity in our lives, listening, developing effective communication skills when interacting with diverse populations, overcoming communication apprehension, and the understanding of culture through the collection of oral histories and stories.

This course was offered as a partnership between East Carolina University, the United States Department of State, Faculdade de Jaguariúna (Brazil), Shandong University (China), and University of Jammu (India). Intended to foster cross-cultural understanding of global climate change, it was the first of its-kind partnership which kicked off on February 3, with a presentation by President Obama's top science adviser, John P. Holdren, on "Science and the Impact of Climate Change." Holdren, Director of the Office of Science and Technology Policy, delivered a lecture through videoconferencing, to students at ECU and at partner universities in India, China and Brazil – three countries that are major players in the climate change debate. Austin Bunch, ECU Associate Provost, hailed the partnership as a "feather in the cap" for the universities worldwide.

Course Goals

To become aware of topics, theories, concepts, and themes at the centre of the study of intercultural communication.

To become aware of the necessity of the study of intercultural communication.

To assess one's degree of intercultural apprehension, level of individualism/collectivism, value orientations, ethnocentrism, and intercultural competence.

To improve your intercultural communication competencies in multicultural settings and to develop the ability to adapt to, predict, and control communication outcomes.

To develop an awareness of the dynamics of the multicultural classroom and organization.

specifically to understand and put into practice the communication principles which contribute to a positive classroom and organizational communication environment.

Partner Universities

ECU - East Carolina University - Greenville, N.C. U.S.A
ANU - University of Agostinho Neto - Angola
CAU - Chinese Agricultural University - Beijing, China
DCT - "Dreams Come True" International Hotel & Business Management School - Vitznau, Switzerland
FJU- Fu Jen Catholic University - Taiwan
IJU - University of Jammu - Jammu-Kashmir, India
ILCS - Institute for Language and Communications Studies - Rabat, Morocco
IU - Istanbul University - Istanbul, Turkey
LMSU - Lomonosov Moscow State University - Moscow, Russia
MSUN - Maritime State University - Vladivostok, Russia
NTCB - National Taiwan College of Business - Taiwan
SNNU - Shaanxi Normal University - Xian, China
TUA - Tlemcen University of Algeria - Tlemcen, Algeria
UM - Universidad Metropolitana - Caracas, Venezuela
UR - Universidad Regiomontana - Monterrey, México
UMT - University of Malaysia Terengganu - Terengganu Darul Iman, Malaysia
USIL - San Ignacio de Loyola University - Lima Peru
USM - Universitatea de Stat din Moldova - Chisinau, Moldova
UTG - University of The Gambia - Banjul, The Gambia
VSU (VSUES) - Vladivostok State university of Economics and Service - Vladivostok, Russia
ZCU - University of West Bohemia - Plzen, Czech Republic
UOFM - University of Michigan, USA

The Global Understanding Project being run in collaboration with East Carolina University and other 23 partners has won the 2008 Andrew Heiskell Award for Innovative International Education. The Award was instituted by the Institute of International Education (IIE) to promote and honour the most outstanding initiatives that are being conducted in International Higher education by IIE Network member universities and colleges.

Human Resource Development Centre

The Human Resource Development Centre, University of Jammu established in 2005, plans, organizes, implements, monitors and evaluates Orientation Courses for newly appointed College/University lecturers, Refresher courses in specific subjects for serving teachers and workshops for senior administrators and academic heads of departments and offices.

The Academic staff college is headed by its Director, Prof. Rajnikant assisted by Assistant Director, Mr. Ranjeet Kalra.

Achievements

During the period under reference, the Human Resource Development Centre successfully organized one General Orientation Courses, three Refresher Courses in the area of Life sciences and Physics, Human rights, Disaster management etc. and two short term courses. During this period, 251 participants comprising of 46 percent locals and 54 percent non-locals attended these programmes (out of which 61 percent were male and 39 percent female)

Programmes Organized

S.No	Subject of GOC/RC/STC's	From	To	Local	Non Local	Male	Female	Total
1.								

Eminent Visitors

Activities/Events Organized:

- Human Resource Development Centre (HRDC) in collaboration with Department of Mathematics organized two week long Faculty Improvement Program through virtual mode. Prof. Manoj K. Dhar, Vice Chancellor, University of Jammu, inaugurated the program and advocated the need of regular training of teachers in higher education. 65 faculty members of Mathematical Sciences working in different colleges and universities of the country participated in this program. Prof. Tarun K Das from Delhi University and Prof. Swadesh K Sahoo from IIT Indore, renowned mathematicians in the field were the resource persons who delivered lectures on Dynamical Systems and Topology to the participants and held interactive sessions.
- Human Resource Development Centre (HRDC), University of Jammu in collaboration with Department of Commerce organized "One Week Workshop on Advanced Research Methodology (Advanced Data Analysis)" through online mode. Mr. Shankar M Mepparambath, Mentor, CARES, Bangalore; Dr. Surabh Aggarwal, Researcher and Trainer on Data Analysis; Dr. Vikas Arya, Rajlakshmi School of Business, Chennai; Dr. Sandeep Singh, Punjab University; Dr. Atul Siva, Chandigarh University and Prof Manoj Kumar, IIM Jammu were the keynote speakers. The workshop was attended by 58 participants from varied colleges and universities from states and UT like Maharashtra, Uttarakhand, Haryana, Punjab, Pudducherry, Delhi, Chandigarh, JK etc. The workshop comprised of fifteen sessions on Advanced Data Techniques comprising Conjoint Analysis, Discriminant Analysis, Scale Development, EFA, CFA, SEM (PLS), Moderation and Mediation and Quality Research Publications.

- UGC-Human Resource Development Centre in collaboration with Department of Geology organized two week online refresher course in Disaster Management. Prof Manoj K. Dhar, Vice Chancellor, University of Jammu was the Chief Guest on the occasion. Prof. Dhar said that the disasters have become part of our lives and there is a need to make all possible efforts in safeguarding our society against the impacts of these disasters. He stressed for dissemination of knowledge about disasters and making all the stakeholders resilient to disasters. The Refresher course was attended by 48 Assistant Professors from different discipline from the colleges and universities from more than 10 states of India, eminent academicians & researchers, administrators, medical professionals and disaster professionals from the premier institutions from the country like National Institute of Disaster Management, IIT, TISS, SASE(DRDO), MOES, AIU, Delhi University, University of Jammu and Himachal Pradesh University, Medical Colleges of J&K, Disaster Management Authorities of J &K and Uttarakhand etc. were the resource persons for the Refresher Course.
- UGC- Human Resource Development Centre organized two weeks interdisciplinary Refresher Course in Human Rights. The course was attended by University faculty members from Jammu & Kashmir, Rajasthan, Karnataka and Maharashtra. Prof. Jasbir Singh, Controller of Examination, University of Jammu was the Chief Guest. Prof. Jasbir Singh said that through courses like these we are creating awareness among peer educators for safeguarding human rights. He applauded the organizers for covering themes like the rights of transgender, disabled, which are often overlooked. He was of the view that existing gender and social inequalities are exacerbated by COVID-19 and are impacting men and women in different ways. He opined that there is an unavoidable connection between health and human rights. Promoting and protecting health requires explicit and concrete efforts to promote and protect human rights and dignity. Resource persons invited for the course are actively involved in the field of human rights and some of them have suffered human rights violations in their life. Some of the prominent speakers and resource persons included Prof. Kulwant Singh, University of Jammu; Prof Vijay Nagpal (Punjab University, Chandigarh), Prof. Rekha Chowdhary (Retd faculty, JU), Prof. Rajesh Gill (Punjab University, Chandigarh), Prof. Neeru Sharma (JU), Prof. Dipankar Sengupta (JU), Dr. Aman Hingorani (Advocate, Supreme Court of India), Prof. Bharati Kumar (National Law University, Delhi), Dr Vinita Bhargav (Lady Irwin College, DU), Dr. Manju Dhoundiyal (Deputy Director, NIPCCD, Gawhati), Dr. K.P.Singh (Retd DGP, Haryana), Dr. Savita Nayyar (JU), Mx. Dhananjay Chauhan (transgender social activist from Chandigarh), Dr. G.R.Ghani (Retd Commissioner secretary), Sr. Advocates Mr.Sheikh Shakeel Ahmed, Advocate Farman Ali Magray, Ms. Bharti Ali (HAQ: A child rights organization), Ms. Enakshi Ganguly (Human rights activist) Ms. Manjri (Childline India foundation), Dr. Anupa Sharma (Protection Officer, ICPS). Presentations were also made by the participants on various topics related to human rights.
- Human Resource Development Centre (HRDC), University of Jammu in collaboration with the Department of Urdu, University of Jammu organized four-week Faculty Induction Programme. The programme was inaugurated by Prof. Manoj Kumar Dhar, Vice-chancellor, University of Jammu. Prof. Dhar said that this is the first time that University of Jammu is organizing a Faculty Induction Programme which has been introduced by the UGC recently. Faculty Induction Course has been introduced by the UGC in place of Orientation Course making it necessary for Assistant Professor of Higher Education department. Speaking on the occasion, Prof. Dhar threw light on the aims and objectives of this prestigious course. He stressed to organize the lectures of reputed scholars on information technology, National Education Policy, Human Rights, teaching-learning and assessment, Curriculum designing, Environmental consciousness etc. Vice-Chancellor describes the teachers of Higher Education as the pillars of the Nation. They should teach the students not only the moral values but also should make them

aware of the happenings of the latest development of Science and Technology which is the need of the hour. Near about 60 Assistant Professor of UT of Jammu and Kashmir are attending the course.



Campuses

Bhaderwah Campus

The Campus started functioning in a rented accommodation in Bhadarwah town in 2006. Simultaneously the construction of the Campus was started in Sungli, 2.5 km from Bhadarwah town, which was inaugurated by Her Excellency The President of India on 26.05.2008. The Campus area 410 kanals.

Academic Programme offered in the Campus

- MBA
- MCA
- M.A English
- BBA
- B.Com. (Hons.)
- M.Sc Geography
- B.Ed. and Experimental School of B.Ed.

Faculty Profile (Only Permanent)

Name	Qualification	Designation	Specialization	Experience in Years	Department
Dr. Jatinder Singh	Ph.D	Sr. Assistant Professor	Databases, Data Mining & Computer Networks		MCA
Dr. Abid Sarwar	Ph.D	Assistant Proffesor			MCA
Dr. Subash Chander	Ph.D	Assistant Proffesor	Post Colonial Studies & Canadian Drama		English
Dr. Rakesh Kumar	Ph.D	Assistant Proffesor	American Novel		English
Mrs. Jasleen Kour	M.A English JRF	Assistant Professor			English
Dr. Umesh Choudhary	Ph.D	Assistant Proffesor	Human Resource Mgmt		MBA
Dr. Rohit Bhagat	Ph.D	Assistant Proffesor	Marketing Mgmt		MBA
Dr. Mohammad Avais	Ph.D	Assistant Proffesor	Finance Mgmt		MBA
Dr. Sunil Bhardwaj	Ph.D	Assistant Proffesor	Finance Mgmt		MBA
Dr. Neeraj Sharma	Ph.D	Assistant Proffesor			IME
Mr. Chhering	Ph.D	Assistant			IME

Name	Qualification	Designation	Specialization	Experience in Years	Department
Tandup		Proffesor			
Mr. Shayan Javeed		Assistant Proffesor			IME

Collaborations/Linkages: Nil

Details of Research Projects including international projects and national collaborative projects:

Detail of Publications:

Name of the Author	Title of Paper/s
Dr. Jatinder Manhas	<ul style="list-style-type: none"> • Comparative Study of Different Machine Learning Techniques in the Diagnosis of Dementia. • Cervical Cell Cytoplasm Extraction Algorithm. • Cellular level based deep learning framework for early detection of Dysplasia in oral squamous epithelium. • Performance evaluation of machine learning techniques for mustard crop yield prediction from soil analysis. • Cervical Cell Cytoplasm Extraction Algorithm. • Comparative Study of Different Machine Learning Techniques in the Diagnosis of Dementia. • Ensemble Feature Extraction-Based Detection of Abnormal Mass Present in Medical Images Using Machine Learning. • Implementation of Intrusion Detection System for Internet of Things Using Machine Learning Techniques. • Comparison and Analysis of Machine Learning Techniques for the Prediction of Acute Appendicitis. • Recognition of Dry Fruits using Deep Convolutional Neural Network.
Dr. Ashok Sharma	<ul style="list-style-type: none"> • Framework to Analyze Malicious Behaviour in Cloud Environment using Machine Learning Techniques.
Dr. Umesh Choudhary	<ul style="list-style-type: none"> • Planning and Promotion of Retail Industry in Bharderwah.

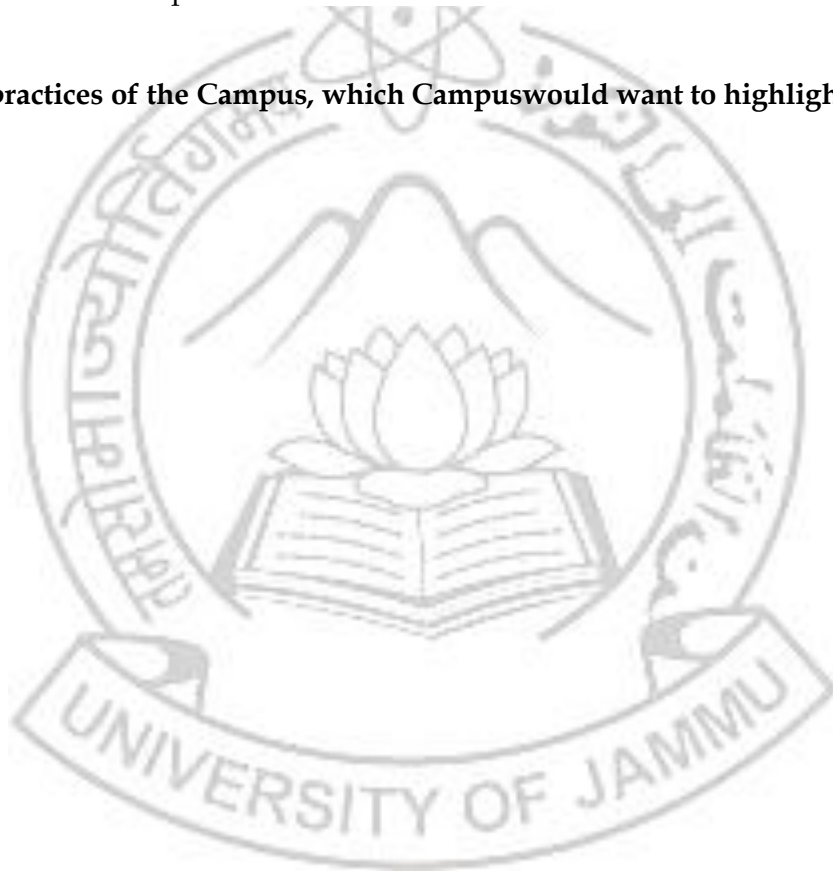
Activities/Events organized:

- The Business School in collaboration with UGC-HRDC and Bharderwah Campus organized two weeks "Refresher course on Entrepreneurship Development". Prof. Sudhir K Jain, former Vice-Chancellor, Shri Mata Vaishno Devi University, and Prof. Emeritus IIT, Delhi, was the Chief Guest. Prof. S K Jain, who has served at the top administrative positions in reputed organisations in the country and have taught Intellectual Property Rights (IPRs) and Entrepreneurship in IIT Delhi for more than 25 years, enlightened the audience with the basic principles of starting a new venture. Prof. Manoj K Dhar, Vice-Chancellor, University of Jammu, Chief Patron of the programme appreciated the efforts of the organising team for organising a programme on a contemporary theme and the efforts made by them for its success. More than forty faculty members from across the country including Tamil Nadu, West Bengal, Rajasthan, Maharashtra, Delhi, Haryana, Chandigarh, along with participants from Ladakh and Jammu and Kashmir have participated in the refreshers course. During these two weeks, there was a marathon discussion on the said theme covering different dimensions of the Entrepreneurship Development.

About twenty resource persons from the top B-Schools and institutions of India including Prof. Manoj Kumar from IIM Jammu, Prof. N D Mathur from Sikkim Manipal University, Jaipur Prof. Nimit Chowdhary from Jamia Millia Islamia, Prof. Sunil Sharma from FMS, Delhi, Prof. Subhendhu Dey from Indus Business Academy Bangalore, Prof. A K Vashishtha from Panjab University, Chandigarh, Dr Sataya Ranjan, from EDII Ahmedabad, Dr Sanjeev Sharma and Dr Priya Gupta from JNU, besides Prof. Dipankar Sengupta, Prof. Hardeep Chahal, Prof. Vinay Chauhan and Prof. Alka Sharma from the University of Jammu, Dr Suparn Sharma, Dr Saurabh and Dr Shazia Bhukhari from SMVDU, Dr Parvez Abdulla from BGSBU, Dr Tarun Soni and Dr Akshita Arora delivered their talks and interacted with the participants.

- The Baderwah Campus University of Jammu organized an important 'Online Workshop/Webinar' for the management students and faculty members of Jammu & Kashmir. Mr. Raju Moza, Founder R M Holdings, is associated with Academics as well as Industry was the Keynote Speaker. Mr. Moza is a reputed speaker with top business credentials having more than fifteen years of Industrial experience.

Healthy practice/practices of the Campus, which Campus would want to highlight: Nil



Kathua Campus

Kathua Campus is fast emerging as the technical Campus of the University. Currently MBA and MCA programmes are being offered at the Campus. The other programmes like B. Pharma, MP.Ed five-Year integrated MBA and the various Engineering Programmes through the University Institute of Engineering and Technology (UIET) are in the pipeline, for augmenting quality and technical education and research. Kathua Campus is working with technological focus, futuristic outlook and social sensitivity.

The MBA programme at Kathua Campus commenced in the year 2006 in The Management School at the Campus. The MBA admissions are made on the basis of Common Admission Test (CAT)/ AIMA – MAT score as one of the parameters of selection process through centralized process at The Business School at the main campus.

The Campus is well equipped with Computer Labs, Video Conferencing facility, Smart Classrooms, Seminar Room, Common Recreation Room, Transport facility etc.

About 362 Kanals of land has been acquired at Village Janglote, Kathua where separate hostels for boys and girls, academic and administrative blocks are in completion stage. Further, the construction of UIET buildings under RUSA has also started at Janglote, Kathua by JKPC, the executing agency. The Campus is likely to move from the rented premises to the newly constructed Academic block by December 2016. All the buildings are environment friendly and shall be equipped with modern facilities.

Programmes offered by the Campus

- MCA
- MBA

Faculty Profile

Name	Qualification	Designation	Specialization	Experience in years
Dr. Sourabh Shastri	Ph.D.	Assistant Professor	Data Mining, Machine Learning, Data Structures, Analysis and Design of Algorithms	09
Dr. Amit Sharma	Ph.D.	Assistant Professor	Discrete Mathematics, Theory of Computation, Artificial Intelligence and DBMS	04

Contractual Faculty in the Campus

Name of the Faculty	Qualification	Experience in Years
Ms. Paramjit Kour	MCA	02
Mr. Riti Prakash Singh Katal	MCA	07

Name of the Faculty	Qualification	Experience in Years
Dr. Sunny Sharma	Ph.D.	02
Dr. Sarabjot Singh	Ph.D.	07
Ms. Anjally Gupta	MBA	04
Mr. Gourav Sharma	MBA	07
Dr. Puneet Kour Bali	Ph.D.	02
Ms. Avni Sharma	MBA	03

Collaborations/Linkages: Nil

Details of Research Projects including international projects and national collaborative projects:

Detail of Publications:

Activities/Events organized:

1. Department of Computer Science & IT, Kathua Campus, University of Jammu (JU) organized a webinar titled "Challenges in Micro-Blogging Data Analytics" for the students of MCA. Dr. Soumi Dutta, Associate Professor, Department of Computer Science & Applications, Institute of Engineering and Management (IEM), Kolkata, West Bengal was the resource person. Dr. Dutta started her discussion with the usage of common micro blogging websites such as Twitter, Weibo, Tumblr, etc. to exchange information. She further said that micro blogs act as a significant and flexible communication platform for the users in various important events like elections, socio-political unrests, sports tournaments, and natural calamities. The growing popularity of micro blogging websites not only provides large opportunities for communication but also open up several challenges. She summed up by explaining methodologies for addressing two practical issues i.e. filtering out harmful content and information organization on these micro blogging websites.

Healthy practice/practices of the Campus, which Campus would want to highlight: Nil

Poonch Campus

Poonch Campus is the Youngest Campus among various Campuses of University of Jammu inaugurated on 15th of Feb, 2008 by the then Hon'ble Chief Minister of the state Jenab Gulam Nabi Azad and Vice-Chancellor Prof. Amitabh Mattoo. University Campus in Poonch is a remarkable step in the arena of Higher Education. 61.07 kanals of land stands transferred at the name of Poonch Campus. Construction work of two buildings i.e. Girls Hostel and Academic Block is going on but temporarily halted

Programmes offered by the Campus

- M.Sc. Sericulture

Thrust Areas of Research

- Mulberry Physiology, Breeding and Genetics
- Silkworm Physiology, Breeding and Genetics

Contractual Faculty in the Campus

Name of the Faculty	Qualification	Experience in Years
Dr. Suraksha Chanotra	Ph.D.	02
Dr. Rubia Bukhari	Ph.D.	02
Ms. Sumya Kapoor	M.Sc.	03
Dr. Muzafar Ahmed Bhat	Ph.D.	02
Ms. Kalpna Sudan	M.Sc.	03

Collaborations/Linkages: Nil

Details of Research Projects including international projects and national collaborative projects:

Detail of Publications:

Activities/Events organized:

Healthy practice/practices of the Campus, which Campus would want to highlight: Nil

Ramnagar Campus

Ramnagar Campus is located in Ramnagar Tehsil of Udhampur District. Ramnagar is situated about 40kms west of Udhampur on the left bank of Kud River in mid Himalayan Range. This Campus started functionality in the year 2007 with two PG Courses MCA and MA Sociology. The Campus is well connected through road and rail. It is hardly 3.5 km from Ramnagar connecting with pacca road that leads to Kaghote. The shortest route to Udhampur. The site for Ramnagar Campus of university of Jammu is selected by the Hon'ble Vice Chancellor, Prof. Varun Sahni of University of Jammu with the full support of Former Education Minister M.L.A Sh. Harshdev Singh adjoining the bank of Dalsar Lake. The tourism department has proposed a project of six crore for development of Dalsar Lake area for the promotion of tourism and to provide the water supply nearby areas. It started functioning from Government Degree College Ramnagar. The campus is headed by the Director.

Programmes offered by the department

- MCA
- M.A Sociology

Faculty Profile

In the Campus, there is no permanent Faculty.

Contractual Faculty

Name of the Faculty	Qualification	Experience
Dr. Deepika Sharma	Ph.D.	04
Ms. Swati Mahajan	M.Tech.	04
Ms. Sakashi	M.Tech.	01
Ms. Ritika Bandral	M.Tech.	01
Mr. Kishore Kumar	MCA	02
Dr. Raveena Choudhary	Ph.D.	01
Dr. Romesh Kumar	Ph.D.	03
Ms. Megha Sharma	M.A.	01
Dr. Gopal K. Sharma	Ph.D.	01

Collaborations/Linkages: Nil

Details of Research Projects including international projects and national collaborative projects:

Detail of Publications: Nil

Activities/Events organized: Nil

Healthy practice/practices of the Campus, which Campus would want to highlight: Nil



Reasi Campus

The Reasi campus, University of Jammu has been functioning in the District Reasi, since 2007 with the objective of getting the higher education to the deserving students of the rural and far-flung areas of the State. Presently, the Campus is running in the DIET Complex at Reasi. The Campus is running one P.G. Course in Sociology with strength of about 40 students from the different far-flung areas of the District and the State. Besides, the regular class work, the campus also conducts Field Research Studies, Workshops, Invited Talks, Seminars, Presentations, Interactive Sessions and other Co-curricular activities for the students of the Campus. In addition to this, the Campus is also frequently nominated as the examination centers for the Under-graduate Examinations like B.Ed and other courses. The alumni of the campus have been working in diverse fields like in Higher education, Social welfare, school education, rural development etc. Students having passed out from this institution have qualified JRF/NET and some are pursuing Ph.D. in different premier institutions of high repute in the Country like University of Jammu, JNU, Punjab University, Chandigarh University

etc. It is pertinent to mention here that this Campus is the only institution of higher learning for P.G. programmes at Reasi and has good potential for further academic growth of Campus in terms of teaching staff, infrastructure, library and computing facilities with wi-fi facilities. This shall be very beneficial in near future for the students and staff appointed at Campus in particular and public of the District Reasi, in general

Programmes offered by the Campus

- MA Sociology

Thrust Areas of Teaching and Research

- Rural sociology
- Urban sociology
- Gender and society
- Environmental sociology
- Political sociology

Faculty strength

Campus has no permanent faculty.

Contractual Faculty in the Campus

Name of the Faculty	Qualification	Experinece in Years
Dr. Nisha Sharma	Ph.D.	05
Mr. Manoj Kumar	UGC-NET	03
Ms. Diksha Bharti	UGC-NET	02

Collaborations/Linkages: Nil

Details of Research Projects including international projects and national collaborative projects:

Detail of Publications: Nil

Activities/Events organized: Nil

Healthy practice/practices of the Campus, which Campus would want to highlight: Nil



Udhampur Campus

To provide higher education to the students of Udhampur District and its erstwhile areas, the University of Jammu has established its offsite campus at Village Garnai Lotta, Udhampur District. The campus has been operational since 2007 and is presently located at Village Garnai Lotta in pre-fabricated structures that house Class room, Library, Computer Lab, Faculty rooms & Rector Office etc. The construction work of the Academic Block & Boys Hostel is under process.

Programmes offered by the Department

- MA Economics
- M.Com under Non-Choice Based Credit System (NCBCS)

Faculty Profile

Campus is having no permanent Faculty

Contractual Faculty in the Campus

Name of the Faculty	Qualification	Experience in Years
Dr. Neetu Kumari	Ph.D.	13
Mrs. Mamta Sharma	UGC-NET	10
Dr. Ritika Sambyal	Ph.D.	04
Dr. Kamani Dutta	Ph.D.	04
Mr. Nikhil Khajuria	UGC-NET	02
Ms. Taruna Dubey	UGC-NET	10
Mr. Vinod Kumar Sharma	UGC-NET	07
Dr. Shilpa Gupta	Ph.D.	05
Dr. Ajay Kumar Salgotra	Ph.D.	02

Details of Research Projects including international projects and national collaborative projects:
Nil

Collaborations/Linkages: Nil

Major grievances of students (if any) redressed

Number of times students interact with the Rector to share their problems and most of the problems are solved on regular basis. The major problem of daily bus service for the students and staff from Jammu to Udhampur and back is resolved.

Innovative practice introduced in Academics/ Research/ Infrastructure/Outreach/extramural/governance etc

During the lockdown period of COVID-19 students of M.Com & MA Economics II & IV Semesters are equipped with technology enabled learning through Google Classroom & WhatsApp, Zoom app etc platforms. Online test and evaluation through Google Classroom are also conducted and evaluated.

Healthy practice/practices of the Department, which Department would want to highlight

The Udhampur Campus has been regularly organizing "Village Sanitization Awareness" campaign. The activities covered include:

- Door to Door awareness programme for personal hygiene
- Disposal of Wastage through digging of pits in the village
- Replacement of plastic bags and distribution of handmade cotton bags to the villagers.

Detail of Activities/Events in the campus

- Udhampur Campus, University of Jammu in collaboration with University Business Incubation and Innovation Centre under Udhampur Campus Capacity Building Series (UCCBS) organised webinar on the topic “Dynamics of Career planning”. Professor Manoj K. Dhar, Vice Chancellor, University of Jammu was chief guest/Patron on the occasion. Prof. Dhar in his presidential remarks said that the pace in which the world scenario is changing due to technological advancement and digitalisation, the traditional and conventional career opportunities are shrinking, so the educational institutions have also to rethink and plan accordingly to meet the challenges in the field of career planning. Prof. R.D Sharma (Former VC, University of Jammu) was the resource person of the webinar. There were 230 registrations for the webinar from various colleges and universities from the different states of India.
- Prof. Manoj K Dhar, Vice-Chancellor, University of Jammu inaugurated Udhampur Campus Community Facilitation Centre (UCCFC) and Financial Literacy Campaign in the University of Jammu. Prof. Dhar said Facilitation Centre is a place where visionary dreamers with a zeal to change ideas into reality are given the opportunity to change their ideas into world-changing businesses. Prof Dhar contemplated that the facilitation centre is going to cater to various activities in the region with a view to help those who are planning a startup and also for those who are in the midway but are looking for various services for accelerating their business. Vice-Chancellor also underlined that the Udhampur campus has its own website that can be visited to get all the requisite information. Presently, the campus is running two postgraduate programs and the Vice-Chancellor said that the University is also planning to introduce some new skill-based programs like bakery and confectionery and solar and LED technology in order to increase the scope of the campus. While talking about Financial Literacy Campaign, he said that a strong foundation of financial literacy can help support various life goals, such as saving for education or retirement, using debt responsibly, and running a business. He further said that financial literacy is the ability to understand and effectively use various financial skills, including personal financial management, budgeting, and investing. Through the medium of such programme, University would like to serve the women, farmers, youth and the vulnerable group of the society to grow in their life, to uplift their standard of living and to make their life easy. Vice-Chancellor also thanked the Lieutenant Governor of J&K & Chancellor, University of Jammu for his continuous support and guidance.
- Udhampur Campus, University of Jammu in collaboration with University Business Incubation and Innovation Centre under Udhampur Campus Capacity Building Series (UCCBS) organised online webinar on “Deconstruction of an advertisement”. Dr. Harpreet Singh, Principal, GGN Institute of Management and Technology, Ludhiana was the Resource Person. Dr. Harpreet Singh started the webinar with an introduction about the topic and said that participants will receive and learn theoretical knowledge but at the same time, employability potential is possible through analytical skills. Every business management, be it of Marketing or Finance specialization, needs to develop these skills. There were 223 registrations for the webinar from various colleges and universities from different parts of the country.



Kishtwar Campus

Campus Profile: The campus was established in January 2008 and was inaugurated in November 2010. Initially MSc IT was being run in the same Year. In 2011-12 One courses namely M.A Kashmiri and Diploma Course in PGDCA was later started.

Programmes offered by the Campus

- M.Sc. (IT)
- M.A Kashmiri
- 1 Year Diploma Course (PGDCA)

Thrust Areas of Research

Faculty Profile

Campus is not having any permanent faculty.

Contractual Faculty in the Campus

Name of the Faculty	Qualification	Experience in Years
Dr. Kuljeet Singh	Ph.D.	01
NarinderVerma	MCA	01
Shriya Gupta	M.Sc. IT	01
Dr. Meer Mohammad Tufail	Ph.D.	01
Ms. RizwanaKousar	MA	01
Sajjad Ganaie	NET-JRF	01
Sajjad Zahoor	NET-JRF	01

Collaborations/Linkages: Nil

Details of Research Projects including international projects and national collaborative projects:

Nil

Detail of Publications: Nil

Activities/Events organized: Nil

Healthy practice/practices of the Campus, which Campus would want to highlight: Nil

Colleges Development Council

The College Development Council is responsible for taking all necessary steps for the promotion, coordination and raising the standard of education in colleges. It serves as an academic guide to the Colleges and advises the University on all matters relating to development of affiliated colleges. The College Development Council is responsible for preparing a perspective plan for the development and opening of new colleges to enable the University and State education authorities to take long term decisions on planning and development of Colleges.

The broad functions under the ambit of College Development Council are:

- Affiliation of Colleges (Documentation, Inspection, Maintenance and Management of Records)
- Admissions (Admission Process, Documentation, Entrance Tests, Counseling, Maintenance and Management of Records).
- Accounts & Legal affairs (Fee and fund management, legal aspects- liaising with legal counsels and the legal cell of the University, preparing and providing requisite documentary support to the legal counsel and the legal cell, follow up cases and appearing in the court of law).
- Monitoring & measurement.

New Colleges opened during the period

- Govt. College of Nursing, Gandhi Nagar, Jammu
- Govt. Degree College, Kastigarh, Doda
- Govt. Degree College, Batote, Ramban
- Govt. Degree College, Padder, Kishtwar
- Govt. Degree College, Vijaypur, Samba
- Govt. Degree College, Sidhra, Jammu
- Govt. Degree College, Sainik Colony/Kunjwani, Jammu
- Govt. Degree College, Ramkote, Kathua
- Govt. Degree College, Nagrota, Jammu
- Govt. Degree College, Marheen, Kathua
- Govt. Degree College, Pouni, Reasi
- Govt. Degree College, Jourian, Jammu
- Govt. Degree College, Neeli Nallah, Udhampur
- Govt. Degree College, Marh, Jammu
- Govt. College for Women, Bhagwati Nagar, Jammu
- Govt. Degree College, Ghagwal, Kathua
- Govt. Degree College, Ramgarh, Samba
- Govt. Nursing College, Gangyal, Jammu
- Govt. Degree College, Katra, Reasi
- Govt. Degree College, Chenani, Udhampur
- Govt. Degree College, Purmandal, Samba
- Data Ranpat Dev College of B.Sc. Nursing & Post Basic B.Sc. Nursing, Kathua
- Govt. Degree College, Mandi, Poonch
- Govt. Degree College, Doongi, Rajouri
- Govt. Degree College, Koteranka, Rajouri
- Govt. Degree College, Ukhral, Ramban
- Govt. Medical College, Kathua, Kathua

- Govt. Medical College, Rajouri, Rajouri

New Programme/subjects introduced in the affiliated colleges

Name of the College	District
Govt. General Zorawar Singh Memorial Degree College, Reasi	BA(Hons) in Political Science, Psychology
Govt. General Zorawar Singh Memorial Degree College, Reasi	Functional English, English Literature, Music
Govt. Degree College, Ramnagar	Geology
Govt. Degree College, Kathua	History, Punjabi & BCA
Govt. Degree College, Akhnour	Library Science & Physical Education
Govt. Degree College, Khour	Library Science & Physical Education
Govt. Degree College, Basohli	Library Science & Physical Education
Govt. General Zorawar Singh Memorial Degree College, Reasi	Geography
Govt. Degree College, R.S. Pura	Library Science & Physical Education
Govt. Degree College, (Jammu City) Paloura, Mishriwala	Library Science & Physical Education
Govt. Degree College, Billawar	Library Science & Physical Education
Indira Gandhi Government Dental College, Jammu	MD
Govt. Medical College, Jammu	MD(Seat enhancement)

Initiatives taken for development of Colleges and their faculty

Directorate of Colleges Development Council constituted a Committee for inspection of the colleges.

Department of Student Welfare

- Department of Students Welfare, University of Jammu to cater to the emotional well-being of students and to enrich their skills and thought process during Covid-19 pandemic, has initiated a 'Webinar Lecture Series' which would feature experts from different fields of art, culture and performing arts to interact with the students. In the inaugural lecture, Padamshri Balwant Thakur, currently Cultural Diplomat of India to South Africa and an eminent Theatre Director was the speaker. He enlightened the participants on the topic 'Positivity through Theatre and its Global Scenario'. Prof. Manoj Dhar, Vice-Chancellor, University of Jammu was the Chief Guest in the webinar.
- Department of Students' Welfare, University of Jammu organized two-day Online Children Theatre Workshop which concluded with online presentation of impressive solo acts by the participating children. The workshop which generated much interest and enthusiasm amongst the children was organized for the wards of the employees of the University of Jammu and was conducted by Ms. Sukriti Khurana from New Delhi who has done Masters in Performance Studies and is an expert in doing theatre with children. Prof. Manoj K. Dhar, Vice Chancellor University of Jammu was the Chief Guest at the valedictory of the workshop.
- Department of Students' Welfare organised an online interactive session on " Sukoon ki Chah Lockdown Mein" . Dr. Geetanjali Kimar, Practicing Counselor, Motivational Speaker, Parenting Coach was the Resource Person. Dr. Geetanjali stressed the need for instilling self confidence among youth and prepare them for meeting the challenges and to face the world with much more confidence and vigour. She referred to the revolutionary concept of Atamnirbhar Bharat envisioned by Prime Minister Narendra Modi and said this is to be realized by putting in best. Prof. Manoj K Dhar, Vice Chancellor, University of Jammu was the Chief Guest.
- Department of Students' Welfare organised a virtual Musical Evening - 'Aap Ki Pasand, Aap Ki Farmaish' through Google Meet featuring famous Duggar Singers Roohi & Juhi, (renowned Brother Sister duo singers of J&K). The programme evoked immense response from online viewers. Prof. Manoj K Dhar, Vice Chancellor, University of Jammu was the Chief Guest, who appreciated the talent of Roohi and Juhi and lauded their contribution for promoting Dogra folk songs at wider canvas.
- Department of Students Welfare, University of Jammu organized following online events:
 - a) Dance Competition (Freestyle) for the students of P.G. Departments /Offsite Campuses/affiliated Degree Colleges of University of Jammu. The students enthusiastically participated in the online dance competition as they got an opportunity to exhibit their talent and confidence. As it was freestyle Dance Competition, students chose a variety of Dance styles for the performance. The event was judged by internationally renowned Dancer & Display Your Talent Alumnus Mrs. Manju Wazir.
 - b) Nrityanjali by renowned Kathak dancer, Mrs. Manju Wazir, the daughter of the soil and Display Your Talent alumnus of the university. Besides, Krishan Bhajan and Shingar Ras, in her Dance Fusion, Mrs. Manju Wazir, disciple of Pt. Durga Lalji and Sh. Munna Lal Shuklaji,

gave an awesome performance on Lata Mangeshkar's Dogri song "Udoonu rangi de lalariya" mixing it with Kathak steps. Her scintillating hav, bhav and mudra performance was highly applauded by the audience. Prof. Manoj K. Dhar, Vice Chancellor was the chief guest and expressed happiness that the alumni of Jammu University have created a unique place for themselves at the national and international forum, bringing laurels both to J&K UT and the university.

- c) Three-day Poetry Writing Workshop for budding poets of the country by Ms. Geetika Kohli Amla, a multilingual writer, activist and entrepreneur from Jammu. She is the founder of an Education company-Thinksta. She has written five books and given voice to young poets. During these three days, the budding poets were taught how to refine their poems and thoughts using proper metaphors, similes, punctuations and other meters required in a good poem. In all about 160 participants were registered for the workshop from different parts of the country.
 - d) Webinar & Interaction on "Common Psychological Issues in Academic Institutions: Nature & Management" by Dr. Rakesh Kumar Jain, Senior Clinical Psychologist & HoD, Institute of Mental Health and Hospital Billochpura, Agra. In his lecture Dr. R.K. Jain highlighted the problems faced by students and employees during their studies and job. He stressed that each individual to cope with mental health status is the need of the hour as this will help people who struggle with Mental Health issues. He opined that awareness reduces negative adjectives that have been set to describe people with mental illness. The main topics covered by him were on self-harm and suicide, use of substance, depression, stress, job security and breakup in relations due to psychological depression. Quoting the field data, he said that deliberate self-harm and suicide are highest in urban metro followed by widows, lowest income groups and female. The main age group suffering from such problems is between 40-49 years. Prof. Manoj K. Dhar, Vice Chancellor, University of Jammu was the chief guest on the occasion. Prof Manoj K. Dhar appreciated Dr. R. K. Jain for his impactful lecture and his contribution towards community service. He also informed that University of Jammu is strengthening its system to develop consultation centers keeping the identity of students' secret.
 - e) National Level Online Poster & Slogan Writing Competition for the students and scholars to commemorate the Birth anniversary of Father of the Nation and carry forward the Gandhian thoughts. In Poster Making Competition, first position was secured by Anshin Paul from MES Asmabi College Aquaculture Department, Vemballna, Kerala whereas second and third position in poster making competition was secured by Mohd. Irfan from Govt. P.G College, Rajouri & Jugesh Singh from Department of Geology, JU respectively. In Slogan Writing Competition, first position was secured by Rajani Verma from Department of Library and Information Science, JU whereas second and third position in slogan writing competition was secured by Pinky Sharma from Gautam College of Nursing, Himachal Pradesh & Gurdarshan Singh from DLIS, JU.
- Department of Students Welfare, University of Jammu in its continuous efforts of providing a virtual platform to students to showcase their talents organized the following events:
 - Online Art & Craft Competition which includes Painting, Cartooning, Mehandi, Poster Making, Rangoli Making, Sketching and Collage. Prof Jasbir Singh, Dean Students Welfare urged students, scholars and members of Civil Society to participate more and more in such competitions which are organized by the Department of Students Welfare, University of Jammu from time to time.

- Online Virtual Musical Concert "Mere Sur...Meri Aawaaz " with daughter of the Soil Ms Sonali Dogra, winner of the Voice of Punjab Award & Display Your Talent, JU Alumnus. The musical extravaganza was attended by a large number of students, faculty & members of the civil society. Prof Manoj. K Dhar, Vice Chancellor, was the chief Guest on the occasion. Prof. Dhar congratulated the Department of Students Welfare for leaving no stone unturned to make Jammu University's cultural platform vibrant during this tough COVID Time and appreciated Ms. Sonali Dogra's zeal and participation and enthralling the audience with her melodious voice making Jammu and University of Jammu proud.
- Red Ribbon Club, Department of Students Welfare, University of Jammu organized the following events:
 - a) National Level Online activities on the event of "World AIDS Day 2020" on the theme "Global Solidarity Sharing Responsibility" in collaboration with J&K AIDS Control Society, Department of Health & Medical Education, Government of Jammu & Kashmir. A large number of NSS volunteers, students, scholars, teachers, alumni and parents in all age groups participated in the competition with great enthusiasm and fervor. Various activities including Mask Designing, Painting related to the theme of their creativity were organized.
 - b) Musical Concert "Mere Sur... Meri Awaaz" by the daughter of soil Ms. Sonali Dogra, winner of the Voice of Punjab & Display your talent, JU Alumnus. The musical extravaganza was attended by a large number of students, faculty and members of the civil society including music lovers from abroad. Prof. Manoj. K. Dhar, Vice Chancellor, University of Jammu was the chief guest on this occasion. Prof. Dhar congratulated the Department of Student Welfare for leaving no stone unturned to make Jammu University's cultural platform vibrant during the time of COVID-19 and appreciated Ms. Sonali Dogra's zeal and participation and enthralling the audience with her melodious voice making University of Jammu proud.
 - c) Two days Online Workshop by Sh. Manoj Chopra, Eminent Cartoonist and DYT, JU Alumnus. The workshop was attended by 15 students from different colleges and different departments of the University.
- Department of Students Welfare to commemorate Swami Vivekananda Ji's Birth Anniversary as National Youth Day organized a Lecture cum Interaction Programme on the topic "Life & Teachings of Swami Vivekananda Ji". Swami Anatarananda from Ramakrishna Mission Jammu was the keynote speaker. Prof. Manoj K. Dhar, Vice Chancellor, University of Jammu was the Chief Guest on the occasion. The event which was attended by students, scholars, teachers, staff of the University and members of civil society was organized keeping the SOPs of Covid-19 intact.
- Department of Students Welfare in collaboration with Indian Institute of Public Administration, J&K Regional Branch and J&K Police organized the 19th Annual Veeranna Aivalli Memorial Debate Competition on the topic "In the opinion of the house, Virtual Model is a poor substitute for classroom learning". A total of 27 teams from various affiliated colleges and University teaching departments and other Universities and Institutions of the region participated in the competition. Sh. Dilbag Singh, IPS, Director General of Police, JK Police was the Chief Guest of the occasion while Prof Manoj Dhar, Vice-Chancellor, University of Jammu was the Guest of Honour. Prof. Manoj Dhar in his address said while the pandemic has forced the educational institutions to move to online mode, the joy of learning in the physical mode cannot be replaced. Looking at the brighter aspects of online learning, he said that in last few months, both the teachers and students have developed immense capacities to explore the global opportunities of knowledge exchange.

- Department of Student Welfare, University of Jammu organized one day event on 'National Science Day' with the theme 'Future of STI: Impact on Education, Skills and Work'. Minister for the Development of North Eastern Region (DoNER) and the Minister of State for Prime Minister's Office; Personnel, Public Grievances and Pensions; Department of Atomic Energy and Department of Space, Dr. Jitendra Singh was the Chief Guest and keynote speaker. Addressing the academicians, scholars and students on the National Science Day', Dr. Jitendra Singh said that the space technology in India under the present Government is progressing by leaps and bounds and the country is now on the verge of sending humans to space through its 'Gaganyaan Mission'. The Minister further advised the academicians, scholars and students to visit all the important scientific institutes like Baba Atomic Research Centre, Vikram Sarabhai Space Center and other important scientific installations so as to realize the fact that science cannot be achieved without the passion and would be able to develop a scientific temper. Prof Manoj K Dhar, Vice-Chancellor, University of Jammu in his detailed presentation highlighted some of the major achievements of the University particularly in the area of Science, Research and Innovations that includes ₹ 20 Crore under RUSA 1, ₹ 100 Crores from Ministry of Human Resource Department, Government of India under RUSA 2.0 along with other nine Universities in the Country. He further said that University is a NAAC A+ and has been conferred Category 1 University with full autonomy by the UGC. The Business School has been accredited for its flagship MBA programme by prestigious NBA and AICTE, said Vice-Chancellor. He said that The School of Biotechnology is ranked A, an evaluation conducted by the Department of Biotechnology, Government of India and it is in the 10 first Departments of the Country, which has been selected further for funding by DBT. DST has recognized the University under the PURSE programme, and at the moment University of Jammu is under Phase II programme of the PURSE with 16.75 Crores. University of Jammu has UGC SAP sponsored Departments, DST (FIST) Departments and many research projects with extramural fundings, said Prof Dhar. He further underlined that the University inspite of COVID-19 has conducted 60 workshops, 18 conferences, 13 symposia, 12 benchmark series lectures, 52 cultural events, 36 sports events, 12 faculty development programmes and 10 seminars in the last one and a half years. During Lockdown, University was not far with its outreach activities and in this Direction University came forward in the creation of Quarantine Centre and Wellness Centre in both off-site Campuses of Baderwah and Kathua. University provided real-time PCR machines and high-speed centrifuges for the testing facility by strengthening Government Medical College, Jammu. Besides academics, University is also focusing on entrepreneurship and innovations in the University ecosystem and in this regard University has setup University Business Incubation and Innovation Centre, Skill Development Centre and Industry-Academia Interface and Section 8 Company. The program was attended by the faculty members, officers and all scholars of the science departments. During the programme, certificate of merit was given to scholars/students who had participated and won in the series of events during the celebration of the Science Week.
- Department of Students Welfare organized one day event on National Science Day on the theme "Efforts towards solving societal problems against organic synthesis". Dr. D. Srinivasa Reddy, Director CSIR IIIM, Jammu was the keynote speaker. He said that Extensive Research done by the scientists has helped to resolve various societal issues. Citing glaring examples in the context of crop protection, medicinal chemistry, insect repellents and drug development, he explained how breakthrough research and experimentation is silently resolving societal issues. While answering the questions of the audience, he asserted that it is also a matter of pride that in doing a synthesis of the molecules of natural resources, the traditional knowledge of Ayurveda and Indian Scriptures are also taken into consideration. Prof. Manoj K Dhar in his presidential address asserted that the University of Jammu has done extensive research work which has been recognized at National and International foras. Prof Dhar complimented the faculty, students, and

scholars for their endeavour to take research benchmark to next level set by the University from time to time. He also proposed collaborative efforts by the University of Jammu and CSIR IIM Jammu which will reap a great benefit for the students.

- In connection with National Science Day Celebrations 2021, Department of Students Welfare, University of Jammu organized the following events:
 - a) Debate Competition on the topic: Impact of COVID 19 Pandemic on Science & Technology Interventions in the opinion of the house". More than 14 students from different departments participated in the competition. The vent was judged by Sh. Dheeraj Jandial,a prolific writer & a senior KAS officer & Er Neeraj Gupta, Senior Faculty from G.C.E.T and a well known motivational speaker.
 - b) Poster Making Competition on the topic: "Traditional Innovations for Self Reliance". The event was judged by Sh. Manoj Chopra.
- To commemorate the 4th Centenary Birth Year of Mata Shree Roop Bhawani, the Department of Students Welfare, University of Jammu in collaboration with Shri Alakh Sahiba Trust organised a Webinar on the topic 'Mata Shree Roopbhawani a comprehensive perspective'. Prof. Manoj K. Dhar, Vice-Chancellor University of Jammu was the Chief Guest on the occasion and Dr. C.K. Gariyali IAS, a Prolific Writer & former Secretary to Tamil Nadu Governor and Dr. Mahesh Koul, Doctoral Fellow, ICPR, New Delhi and Expert on Sanskrit Indian Philosophy were the Guest Speakers. Prof. Manoj K. Dhar, in his presidential remarks complimented SAS Trust for organizing a series of intellectual events to commemorate the 4th Centenary Birth Year of Mata Shree Roop Bhawani who is worshipped as the human embodiment of Mata Sharika.
- To commemorate 'The International Day against Drug Abuse and Illicit Trafficking', the Department of Students Welfare, under the patronage of Prof. Manoj K. Dhar, Vice-Chancellor University of Jammu organised an Online Poster Making contest on the topic 'Say No to Drugs'. Students from affiliated colleges and university departments have submitted their posters which assimilate their creativity and imagination. Complementing the participants for their creative endeavour, Dean Students Welfare, Prof. Prakash Antahal informed that the Department of Students Welfare is always prompt to organise the events of cultural, literary and intellectual importance which sensitize youth towards social issues and ask for their point of view with the aim to channelize their energies towards creativity and positivity. He informed that since the offline activities have ceased substantially because of Covid onslaught, the Department of Students Welfare has organised and devised scores of online activities for the students and stakeholders of the university and would carry on this series with more such events of social relevance.