



वसुधैव कुटुम्बकम्
ONE EARTH • ONE FAMILY • ONE FUTURE



जम्मू केंद्रीय विश्वविद्यालय
Central University of Jammu

अर्धवार्षिक शोध रिपोर्ट अद्यतन
Half Yearly Research Report Update
(July, 2022 to December, 2022)

रहया सुचानी बागला साम्बा -१८११४३ जम्मू (जे.एवं के.)
Rahya-Suchani (Bagla), District-Samba-181143, Jammu (J&K)

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Department of Human Resource Management and Organizational Management

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Gowhar Rasool	Artificial intelligence marketing (AIM): connecting-the-dots using bibliometrics	Journal of Marketing Theory and Practice (ABDC : B)	2022, DOI: 10.1080/10696679.2022.2103435	Co-author /Refereed	1944-7175	Nil
2.	Dr. Gowhar Rasool	Are online reviews the new shepherd?' –examining herd behaviour in wearable technology adoption for personal healthcare	Journal of Marketing Communications (ABDC : B)	2022, https://doi.org/10.1080/13527266.2022.2140183	Co-author /Refereed	1466-4445	Nil
3	Dr. Neelika Arora	User Attitude Towards E-learning Platforms: An Insight Through the Expectation Confirmation Model and the Affordance Theory Lens,	FIIIB Business Review	2022 (Issue yet to be allotted)	Co Author (Referred Journal) – Scopus Indexed	24552658	NA
4	Dr. Neelilka Arora	Determinants of tourists' site-specific environmentally responsible behavior: an eco-sensitive zone perspective-	Journal of Travel Research	61 (6), 1267-1286	Co Author (Referred Journal) – Scopus Indexed – ABDC – A*	15526763	8.933

5	Prof. Jaya Bhasin	Mapping Thematic Association Between Digital Transformation and Well-Being: A Bibliometric Analysis	COLLNET journal of Scientometrics and Information Management	Communicated	Co-Author (Prof. Jaya Bhasin)	Print ISSN: 0973-7766 Online ISSN: 2168-930X	
6	Prof. Jaya Bhasin & Dr. Shahid Mushtaq	Connectivity Continuum and Changing landscape of work-life interface: A Systematic Scoping Review	Community, Work & Family	Communicated	Co-Author (Prof. Jaya Bhasin & Dr. Shahid Mushtaq)	Print ISSN: 1366-8803 Online ISSN: 1469-3615	

Papers presented in Conferences:

S. No.	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Green Human Resource Management a Panacea for Sustainable Development :Systematic Literature Review (Prof. Jaya Bhasin)	2 nd Pritam Singh Memorial Conference held at IIM Nagpur	IIM Nagpur	National	17-19 November 2022
2.	Rethinking Tourism to Strive for sustainable and Community-Induced Growth (session chair-Prof. Jaya Bhasin)	Rethinking Tourism to Strive for sustainable and Community-Induced Growth	Department of TTM ,CUJ	International	30.11.2022
3	Impact of Entrepreneurial Orientation and Market Orientation on Financial Performance among MSMEs in North India (BEST PAPER AWARD)(Mr. Asif Ali)	Sustainable Development Goals- NCSDG 2022	Faculty of Commerce & Business Studies , Delhi Scholl of Economics. Dayal Sing College	NATIONAL	09 th Sep 2022
4	Influence of Social Media Promotions on Resident Psychological Ownership and Pro-tourism Behaviour-Dr. Neelika Arora	16 th NASMEI Conference 2022	Great Lakes Institute of Management	International (within country)	19-20, December 2022

National/International conference/seminar organized

S.No.	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Eminent Lecture Series on Emerging Issues in Business Studies and Research on 26.07.2022	International	26.07.2022	CUJ
2	FDP on Data Analysis through R Programming	University Level	2022	CUJ

Any Other:

S.No.	Workshops/FDP
1	School of Business Studies organized a FDP/Workshop on R-Programming (software) on 19.07.2022
2	Eminent Lecture Series on Emerging Issues in Business Studies and Research on 26.07.2022
3	Workshop on "Intellectual Property Awareness Programme" on 29.07.2022
4	Panel discussion on the book "Modi@20 Dreams Meet Delivery on 30.07.2022
5	School of Business Studies organised a workshop on SMART-PLS form 12-14 th September 2022.
6	Onam Celebration on 15.09.2022
7	CV Building Workshop and Counselling Session on Gender Sensitization is scheduled on 28.09.2022
8	BSE and NCDEX Webinar
9	G-20 Summit on October 2022
10	Business Fest Anubhuti the Vibe on 14.12.2022
11	Workshop on Financial Education by NISM/SEBI by Mr. Asif Ali on 22.12.2022

Department of Tour and Travel Management

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/ papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Amit Gangotia	Social entrepreneurship and cow tourism: exploring the new vistas of experiential economy	Journal of Enterprising Communities: People and Places in the Global Economy (United Kingdom)	2022, https://doi.org/10.1108/JEC-04-2022-0049 (ABDC Indexed)	Co- author	ISSN -1750-6204	Cite Score 2021 3.9
2.	Dr. Amit Gangotia	Vocational education in tourism at undergraduate level in Himachal Pradesh, India: exploring the gap between industry expectations and academic deliverables	International Journal of Training Research (United Kingdom)	2022, DOI: 10.1080/14480220.2022.2152469 (SCOPUS Indexed)	Author	Print ISSN: 1448-0220 Online ISSN: 2204-0544	Cite Score (2021) 1.6
3.	Dr. Amit Gangotia	COVID Crisis and Tourism Sustainability: An Insightful Bibliometric Analysis	Sustainability	2022, https://doi.org/10.3390/su141912151 (SSCI, Indexed)	Co- author	ISSN: 2071-1050	3.889 (2021)

Papers presented in conferences:

S.No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Amit Gangotia	Tourism's Changing Phase: New Age Tourism vs Old Tourism	Reflections on "New Tourism" and "New Normal" in Post Covid-19 World	Department of Tourism and Travel Management, Central University of Jammu	International	26 th -27 th May 2022

2.	Dr. Amit Gangotia	New age Agripreneurs making India Atmanirbhar	Rethinking Tourism to Strive for Sustainable and Community-Induced Growth	Department of Tourism and Travel Management, Central University of Jammu	International	30 th November 2022
3.	Dr. Amit Gangotia	Degrowing tourism: rethinking tourism	Rethinking Tourism to Strive for Sustainable and Community-Induced Growth	Department of Tourism and Travel Management, Central University of Jammu	International	30 th November 2022

National/International conference/seminar organized:

S.No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr. Amit Gangotia	Travelism -2022	University Level	26 th September 2022	Central University of Jammu
2.	Dr. Amit Gangotia	Traditional Route Holy Cave Shrine of Mata Vaishno Devi Ji – SwachataAbhiyan	University Level	27 th September 2022	Central University of Jammu
3.	Dr. Amit Gangotia	Rethinking Tourism to Strive for Sustainable and Community-Induced Growth	International Level	30 th November 2022	Central University of Jammu

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Ranjeet Raman Kumar	Exploring Dimensions of Financial Inclusion from Stakeholders' Perspectives: Evidence from Rural Areas of Jammu District	Acta Universitatis Bohemiae Meridionalis (ABDC)	2022, 25 (2) & 1-15	Sole author/ Refereed	2336-4297	

2.	Dr. Ranjeet Raman Kumar	Factors Determining Image of the Buddhist Circuit (India)	Neuro Quantology	2022, 20 (9) & 6419-6428	Co-author/ Refereed	1303-5150	0.9
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Publications in Conference Proceedings:

S.No.	Name of the Faculty	Title with Page nos.	Year of pub. & page nos.	Details of Conference	ISSN/ ISBN No	No. of coauthors	Whether you are the main author
1.	Dr. Ranjeet Raman Kumar	Evaluating Tourism Performance of New Delhi using UNWTO–WTCF City Tourism Framework	2022 & 71	12th India International Hotel, Travel & Tourism Research Conference 2022 held on 3rd-5th March, 2022.	ISSN: 978-81-949104-4-2	Single	Yes

Papers presented in conferences:

S.No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Ranjeet Raman Kumar	A SAP-LAP Framework Analysis of Buddhist Circuit Project	Global Conference on Emerging Technologies, Business, Sustainable Innovative Business Practices and Social Well-being	CONFAB 360 Degree Academic Integration	International	10 th & 11 th December 2022
2.	Dr. Ranjeet Raman Kumar	Understanding e-Service Quality and Customer Delight Relationship: An Empirical Study of J & K Bank Customers	Global Conference on Emerging Technologies, Business, Sustainable Innovative Business Practices and Social Well-being	CONFAB 360 Degree Academic Integration	International	10 th & 11 th December 2022

3.	Dr.Ranjeet Raman Kumar	A Decade of Customer-Based Brand Equity Research in Tourism: Looking Back and Moving Foreyard	International Conference on Rethinking Tourism to Strive for Sustainable and Community-Induced Growth organized	Department of Tourism and Travel Management, Central University of Jammu	International	30 th November 2022.
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National/International conference/seminar organized

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr.Ranjeet Raman Kumar	International Conference on Rethinking Tourism to Strive for Sustainable and Community- Induced Growth	International	30 th November & 2022	Central University of Jammu

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Mr. Rahul Thakur	Exploring Dimensions of Financial Inclusion from Stakeholders' Perspectives: Evidence from Rural Areas of Jammu District	Acta Universitatis Bohemiae Meridionalis (ABDC)	2022, 25 (2) & 1-15	Co-author/ Refereed	2336-4297	

Papers presented in conferences:

S.No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Mr. Rahul Thakur	Mapping the Research Trends on Impact of Tourism on Environment: A Bibliometric Visualization and Overview.	Rethinking Tourism to Strive for Sustainable & Community - Induced Growth	Department of Tourism and Travel Management, Central University of Jammu	International	Nov 30, 2022
2.	Mr. Rahul Thakur	A SAP-LAP Framework Analysis of Buddhist Circuit Project	Global Conference on Emerging Technologies, Business, Sustainable Innovative Business Practices and Social Well-being	CONFAB 360 Degree Academic Integration	International	10 th & 11 th December 2022
3.	Mr. Rahul Thakur	Understanding e-Service Quality and Customer Delight Relationship: An Empirical Study of J & K Bank Customers	Global Conference on Emerging Technologies, Business, Sustainable Innovative Business Practices and Social Well-being	CONFAB 360 Degree Academic Integration	International	10 th & 11 th December 2022

National/International conference/seminar organized:

S.No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Mr. Rahul Thakur	International Conference on Rethinking Tourism to Strive for Sustainable and Community- Induced Growth	International	30 th November & 2022	Central University of Jammu

DEPARTMENT OF MARKETING & SUPPLY CHAIN MANAGEMENT

Research Publication in Journals:-

S. No.	Name of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Prof. Jaya Bhasin & Dr. Shahid Mushtaq	Connectivity Continuum and Changing landscape of Work-life interface: A Systematic Scoping Review	Ms. Surbhi Ghai, Prof. Jaya Bhasin & Dr. Shahid Mushtaq	Community, Work & Family	Communicated	Co-Author (Prof. Jaya Bhasin & Dr. Shahid Mushtaq)	Print ISSN: 136 6-8803 Online ISSN: 146 9-3615	
2.	Dr. Salil Seth	Eco-centric nexus between Sustainability and Corporate Environmental Responsibility to attain Competitive Advantage.	Seth, S., Mahato, M.K. & Yadav, P.	Korea Review of International Studies	Vol. 15, Issue 39, September 2022. Pg. 213-225	First author (Dr. Salil Seth)	ISSN: 1226-4741	-----
3.	Dr. Salil Seth	Social Environmental Responsibility: Heralding a new competitive weapon for Talent Management.	Seth, S., Mahato, M.K. & Yadav, P.	Shodhasamhita, Journal of Kavikulaguru Kalidas Sanskrit University, Ramtek.	Vol. 09, Issue-02, July 2022. Pg. 33-40	First author (Dr. Salil Seth)	ISSN: 2277-7067	4.95

4.	Dr. Anju Thapa	Mitigating Stress using Social Media: A Study of Different age group individuals in Kolkata	Souvik Roy Choudhury, Dr. Anju Thapa	International Journal of Research in Commerce, IT and Management	2022 Vol.-12	Refereed	ISSN 2231-5756	
5.	Dr. Anju Thapa	Impact of digital marketing on students perception in selecting higher education institutes during covid-19 pandemic	Souvik Roy Choudhury, Dr. Anju Thapa, Sahil Chouhan, Upkar Singh	International Journal of Research in Computer Applications and Management	2022 Vol.-12	Refereed	ISSN 2231-1009	

Publications other than journal articles (books, chapters in books):-

S.No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Dr. Salil Seth	Green Advertising: Myth or Reality?	Dr. Lovi Sarikwal & Dr. Kavita Singh, Bharti Publications, New Delhi.	Chapter 07, Pg. 83-90 in December 2022.	ISBN: 978-93-94779-75-4	Peer reviewed	Co-author (Dr. Salil Seth)
2.	Dr. Salil Seth	The Metamorphosis from Conventional Advertising to Green Advertising in the Indian Post Independence Era.	Prof. Shweta Anand & Dr. Naveen Kumar, JSR Publishing House, New Delhi.	Chapter 04, Pg. 25-32 in August 2022.	ISBN: 978-93-94336-09-4] [in August 2022	Peer-reviewed	Co-author (Dr. Salil Seth)

Publications in Conference Proceedings:-

S. No.	Name of the Faculty	Title with Page nos.	Year of pub.. & page nos.	Details of Conference	ISSN/ ISBN No	No. of co-authors	Whether you are the main author
1.	Prof Jaya Bhasin & Dr.Shahid Mushtaq	Green Human Resource Management A Panacea For Sustainable Development: Systematic Literature Review	Communicated, yet to be published	IIM NAGPUR 2nd Pritam Singh Memorial (PRISM) Conference		Prof Jaya Bhasin/ Dr. Shahid Mushtaq	NEETU

Research Projects:

S. No.	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Evaluation study of schemes under NBCFDC to assess the impact at grass root level in the UT of Jammu & Kashmir	NBCFDC	December, 2022- April 2023.	3.75 Lacs	Policy Document

Awards/Fellowship from academic bodies:-

S. No.	Programme/Fellowship	Awarded by	Year of Award
1.	Academic Excellence Award 2022	Institutes of Scholars International Publishers (IIP)	2022

Papers presented in conferences:

S. No.	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Research Trends in Social Media Marketing using User Generated Content: A Bibliometric Analysis	2nd Pritam Singh Memorial (PRISM) Conference	Indian Institute of Management (IIM) Nagpur	International	17th-19th November, 2022
2.	Assessment of Digital Marketing Strategies to Re-thinking Tourism and Hospitality sector in the Post Pandemic Era	Rethinking Tourism to Strive for Sustainable and Community Induced Growth	Department of Tourism and Travel Management, Central University of Jammu.	International Conference	30th November, 2022
3.	Seth, S. (2022). "Minimizing Anthropogenic Carbon Footprints Through Eco-centric Sustainable Tourism".	International Conference on 'Rethinking Tourism to strive for Sustainable and Community induced Growth'	Department of Tourism & Travel Management, Central University of Jammu	International Conference	November 30, 2022
4.	Seth, S. (2022). "Invigorating Responsible Tourism via Green Advertising."	International Conference on 'Rethinking Tourism to strive for Sustainable and Community induced Growth'	Department of Tourism & Travel Management, Central University of Jammu.	International Conference	November 30, 2022
5.	Seth, S. (2022). "Eco-centric Approaches to Lifestyle Marketing to promote Sustainability."	National Conference on 'Sustainable Environment: Water- Health- Agriculture- Climate Nexus'	Department of Environmental Sciences, Central University of Jammu	National Conference	September 15-16, 2022.
6.	Seth, S. (2022). "Balancing Sustainability Equilibrium through Green Advertising".	National Conference on 'Sustainable Environment: Water- Health- Agriculture- Climate Nexus'	Department of Environmental Sciences, Central University of Jammu	National Conference	September 15-16, 2022

7.	Seth, S. (2022). "Amalgamating Sustainability with Corporate Environmental Responsibility".	National Conference on 'Sustainable Environment: Water- Health- Agriculture- Climate Nexus'	Department of Environmental Sciences, Central University of Jammu	National Conference	September 15-16, 2022
8.	Seth, S. (2022). "Promoting Green through Advertising: A Step towards Sustainable Society".	ICSSR sponsored National Conference on Achievements @75.	University School of Management, Gautam Buddha University, Greater Noida.	National Conference	August 26-27, 2022.
9.	Unwinding natural wetlands as a potential tourist destination in the Jammu region	Rethinking Tourism to strive for sustainable and community-induced growth	DTTM, CUJ	International Conference	30-Nov-2022
10.	Entangling the link between Social media and Over-tourism	Rethinking Tourism to strive for sustainable and community-induced growth	DTTM, CUJ	International Conference	30-Nov-2022

National/International conference/seminar organized:-

S. No.	Title of conference/ Seminar	Whether international/national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Eminent Lecture Series on Emerging Issues in Business Studies and research By Prof. V K Gupta (IIM,Indore)	National level	26-07-2022	CUJ
2..	FDP on IPR Awareness Programme under Kalam Program for IP Literacy and Awareness	National level	29-07-2022	MoE
3.	International Peace Day, 2022	University level	21-09-2022	CUJ
4.	Gender Sensitization awareness workshop	University level	28-09-2022	CUJ
5.	Workshop on CV Building	University level	29-09-2022	CUJ
6.	Teacher's Day was celebrated	Department Level	5th October 2022	

7.	Wheebox National Employability Test (WNET)	National Level	15-30 -09-2022	AIU & CII
8.	National Workshop on Research Methods and Data Analysis Techniques	National level	10 to 24-10-2022	
9.	Capacity Building Programme on Research Methodology for Social Science Faculty Members	National Level	10 to 24-10-2022	ICSSR
10.	FDP on 'Digital Creativity Skills' Adobe Express Hands-on-Professional Development Programme jointly organised by the Department with AICTE-ADOBE	National level	14-11-2022	Adobe & AICTE
11.	Academia-Industry Interaction Session	University Level	22-11-2022	Industry Association
12.	Boot Camp on Promotion of Work for Housewives: Career-Counselling Sessions for Home Makers	UT Level	29th-30th November 2022.	NCW
13.	Start-up Industry Connect Programme organised for Boosting startup Ecosystem & Funding options for startups	National level	13-12-2022	CII

Any Other:

During the period under reference Department is able to conduct number of collaborative activities and able to generate IRG of Rs 50000/-+ through registration fee. Faculty members actively participated in numbers of academic and research activities within and outside the University. Also students are encouraged to participate in series of curricular and co curricular activities and in some events students brought laurels to the Department.

Department of Mathematics

Research Publication in Journals:-

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1	Dr. Ajay K. Sharma	Semigroups of composition operators on vector-valued Hardy spaces	<i>. Numer. Funct. Anal. Optim</i>	2022	Co/author, referred	0163 0563	1.44
2	Dr. Ajay K. Sharma	Essential norm of difference of composition operators from analytic Besov spaces to Bloch type spaces	<i>Comput. Methods Funct. Theory</i>	2022	Co/author, referred	1617 9447	1.155
3	Dr. Pavinder Singh	Certain homological invariants of bipartite Kneser graphs	<i>J. Algebra Appl. 21</i>	2022 vol no.1	Co/author, referred	0219-4988	0.76
4	Dr Sanjay Kumar	Carleson measures on Dirichlet type spaces in the quaternionic unit ball	<i>Adv. Oper. Theory</i>	2022vol no. 7(4)	Co/author, referred	2538 225(x)	1.01

Research Projects:-

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1	Dr. Ajay K. Sharma	Difference of Composition Operators on Some Spaces of Holomorphic functions	NBHM-DAE		14,06,000 /-	
2.	Dr. Ajay K. Sharma	On topological properties of composition operators	DST-SERB		6,60,000/-	
3.	Dr. Sanjay kumar	Compositions Operators on Dirichlet type spaces and their applications	NBHM-DAE		13,89,600/-	
4	Dr. Sanjay kumar	Brennan's Conjecture and Weighted Composition Operators	UGC		10,0000/-	

National/International conference/seminar organized:-

S. No.	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	National Conference (Recent Advances in Mathematics-II)	National	20 th October, 2022-21 st October, 2022	

Department of Computer Sciences and Information Technology

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Prof. Devanand	Detection of Change in Body Motion With Background Construction and Silhouette Orientation: Background Subtraction With GMM		International Journal of Information Retrieval Research (IJIRR)		No	2155-6377	NA

Publications in Conference Proceedings:

S. No.	Name of the Faculty	Title with Page nos.	Year of pub.. & page nos.	Details of Conference	ISSN/ ISBN No	No. of Co-authors	Whether you are the main author
1.	Prof. Devanand	D-KAP: A Deep Learning Based Kashmiri Apple Plant Disease Prediction Framework(Submitted and presented)		Seventh International Conference on Parallel, Distributed and Grid Computing (PDGC-2022)	NA	1	No

2.	Prof. Devanand	From Templates to Transformers: A survey of Multimodal Image Captioning Decoders(Submitted)		Second International Conference on the Paradigm shifts in Communication, Embedded Systems, Machine Learning, and Signal Processing (PCEMS-2023)	NA	1	No
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Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Prof. Yashwant Singh	“Intrusion Detection System Model for IoT Networks Using Ensemble Learning”		Journal of Interconnection Networks,World Scientific Publishing Company		Co-author ESCI	2192659	0.459
2.	Prof. Yashwant Singh	PSGWO : An Energy -efficient Framework in IOT Based on Swarm Intelligence		International Journal of Sensors, Wireless Communications and Control		Co -author	ISSN (Print) : 2210-3279	0.92

3.	Prof. Yashwant Singh	EISM-CPS: An Enhanced Intelligent Security Methodology for Cyber-Physical Systems through Hyper-Parameter Optimization		Mathematics		Co -autho	2227-7390	2.592
4.	Prof. Yashwant Singh	A hybrid approach for energy-efficient routing in IoT using duty cycling and improved ant colony		IET Communications		Co -author	1751-8636	1.345
5.	Prof. Yashwant Singh	SALT : transfer learning -based threat model for attack detection in smart hom		Scientific Reports		Co -author	2045-2322	5.516
6.	Prof. Yashwant Singh	Intelligent and secure framework for critical infrastructure(CPS) : Current trends,challenges, and future scope		Computer Communications		Co -author	ISSN (print) : 0140-3664	5.047

Publications other than journal articles (books, chapters in books):

S.No	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Prof. Yashwant Singh	Energy-Efficient Priority-Based Routing Model for Smart Health Care in Proceedings of International Conference on Recent Innovations in Computing	Editor- Prof. Yashwant Singh/ Publisher - Springer Singapore		978-981-19-9878-2	Peer reviewed	18-Apr-23

2.	Prof. Yashwant Singh	Agile Software Development : Trends, Challenges and Applications	Editor- Prof. Yashwant Singh/ Publisher - Wiley Online Library		9781119896395	Peer reviewed	17-Feb-23
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Publications in Conference Proceedings:

S.No.	Name of the Faculty	Title with Page nos.	Year of Pub... & page nos.	Details of Conference	ISSN/ISBN No.	No. of co-authors	Whether you are the main author
1.	Prof. Yashwant Singh	"Duty - Cycling based Energy-Efficient Framework for Smart Healthcare System"	Oct-22	16th International Conference on Information Technology and Applications (ICITA) - 2022 on 20-21st October, 2022	978-981-19-9330-5	1	Co-author
2	Prof. Yashwant Singh	"A Hybrid Threat Assessment Model for Security of Cyber Physical Systems"	Nov-22	7th International Conference on Parallel, Distributed and Grid Computing (PDGC-2022)	978-1-6654-5400-1	1	Co-author
3	Prof. Yashwant Singh	"Swarm Intelligence-based Energy-Efficient Framework in IoT"	Aug-22	Fifth INDO-Hungary, International Conference on Recent innovation in Computing (ICRIC-2022)	978-981-19-9875-1	2	Co-author
4	Prof. Yashwant Singh	Energy-Efficient Priority-based Routing Model for Smart Healthcare	Aug-22	Fifth INDO-Hungary, International Conference on Recent innovation in Computing (ICRIC-2022)	978-981-19-9875-1	2	Co-author

Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Prof. Yashwant Singh	“Design and Development of Testbed and Vulnerability Analysis Framework for Cyber Physical Systems”	DRDO	2021-23 (Ongoing) (As PI)	Rs. 994.6193 Lakhs	-----
2.	Prof. Yashwant Singh	“Development of Vulnerability Analysis Framework and Test Bed for IoT and Embedded Devices” 2019-21	DRDO	2019-21 (Ongoing)	Rs. 46.322 Lakhs	-----

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Prof. Yashwant Singh	"Duty - Cycling based Energy-Efficient Framework for Smart Healthcare System"	16th International Conference on Information Technology and Applications (ICITA) - 2022 on 20-21st October, 2022	University of ISCTE,Audar,Lisbon, Portugal	International	Oct-22

2.	Prof. Yashwant Singh	"A Hybrid Threat Assessment Model for Security of Cyber Physical Systems"	7th International Conference on Parallel, Distributed and Grid Computing (PDGC-2022)	Department of Computer Science & Engineering ,Jaypee Universityof Information Technology / Wahnaghat,Solan,Hi machal Pradesh	International	Nov-22
3.	Prof. Yashwant Singh	"Swarm Intelligence-based Energy-Efficient Framework in IoT"	Fifth INDO-Hungary, International Conference on Recent innovation in Computing (ICRIC-2022)	Department of Computer Science & Information Technology, Central University of Jammu	International	Aug-22
4.	Prof. Yashwant Singh	Energy-Efficient Priority-based Routing Model for Smart Healthcare	Fifth INDO-Hungary, International Conference on Recent innovation in Computing (ICRIC-2022)	Department of Computer Science & Information Technology, Central University of Jammu	International	Aug-22

National/International conference/seminar organized:

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Prof. Yashwant Singh	International Conference on Parallel, Distributed and Grid Computing (PDGC-2022)	International	25-27Nov, 2022	IEEE

Patents:

S. No.	Name of the Faculty	Title	National/International	Awarded/Granted	Years
1.	Prof. Yashwant Singh	IOT -PHG: Internet of Things Based Safety Device For Protection Against Hazardous Gases	National	Processing	-----
2.	Prof. Yashwant Singh	Water Spray Nozzle with protective single cover to prevent foreign substance in the water outlet of nozzles for automobiles	National	Processing	-----
3.	Prof. Yashwant Singh	Safely Jacket Based on Artificial Intelligence	National	Processing	-----

Research Publication in Journals:

S. No.	Name Of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Neerendra Kumar	Approaches and Challenges in Internet of Robotic Things		Future Internet		Co-author ESCI	ISSN: 1999-5903.	ESCI
2.	Dr. Neerendra Kumar	Data Exchange Techniques for Internet of Robotic Things: Recent Developments		IEEE Access		Co-author SCI	2169-3536	3.367
3.	Dr. Neerendra Kumar	Cryptanalysis and Improved Image Encryption Scheme Using Elliptic Curve and Affine Hill Cipher		Mathematics		Co-author SCI	2227-7390	2.592
4.	Dr. Neerendra Kumar	Resiliency and Nonlinearity Profiles of Some Cryptographic Functions		Mathematics		Co-author SCI	2227-7390	2.592

Research Projects:

S. No.	Name Of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Dr. Neerendra Kumar	Design and development of testbed and vulnerability analysis framework for cyber physical systems	DRDO	3 Years (Ongoing) (As Co-PI)	994.6	

Research Publication in Journals:

S. No.	Name Of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Arvind Kumar Selwal	Leveraging Deep Learning to Fingerprint Spoof Detectors: Hitherto and Futuristic Perspectives https://doi.org/10.1142/S0218001422500483		International Journal of Pattern Recognition and Artificial Intelligence (Sci-indexed)		Co-author	ISSN (print): 0218-0014 ISSN (online): 1793-6381	IF: 1.5

2.	Dr. Arvind Kumar Selwal	A survey on data-driven iris spoof detectors: state-of-the-art, open issues and future perspectives https://doi.org/10.1007/s11042-022-14014-4		Multimedia Tools and Applications (Sci-indexed)		Co-author	Electronic ISSN 1573-7721 Print ISSN 1380-7501	IF: 2.577
3.	Dr. Arvind Kumar Selwal	A Trust Based Secure Intelligent Opportunistic Routing Protocol for Wireless Sensor Networks https://doi.org/10.1007/s11042-022-14014-4		Wireless Personal Communications (Sci-indexed)		Co-author	Electronics ISSN 1572-834X Print ISSN 0929-6212	IF: 2.017

Publications other than journal articles (books, chapters in books):

S.No.	Name Of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author Publication date: 30 September 2022 author
1.	Dr. Arvind Kumar Selwal	A Comparative Analysis of Deep Learning-Based Frameworks for Face Vitality Detection. https://doi.org/10.1007/978-981-19-3590-9_7	Springer		Print ISBN978-981-19-3589-3 Online ISBN978-981-19-3590-9	Peer reviewed	No. of co-author: 01 Publication date: 30 September 2022

Publications in Conference Proceedings:

S. No.	Name Of the Faculty	Title with Page nos.	Year of pub.. & page nos.	Details of Conference	ISSN/ ISBN No	No. of co-authors	Whether you are the main author
1.	Dr. Arvind Kumar Selwal	Computational intelligence paradigms for audio-based video summarization 10.1109/CCiCT56684.2022.00108		2022 Fifth International Conference on Computational Intelligence and Communication Technologies (CCICT)	Electronic ISBN:978-1-6654-7224-1 Print ISBN:978-1-6654-7225-8	2	No

Research Projects:

S.No.	Name Of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Dr. Arvind Kumar Selwal	Development and analysis of lightweight cryptography for sensor node and IoT	DRDO	3 years (2020-2023)	41.97 lakhs	

Awards/Fellowship from academic bodies:

S. No.	Name Of the Faculty	Programme/Fellowship	Awarded by	Year of Award
1.	Dr. Arvind Kumar Selwal	Emerging young researcher in higher educational institution	Bengal Education Conclave and Shiksha Samman	2022

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Arvind Kumar Selwal	Computational intelligence paradigms for audio-based video summarization 10.1109/CCICT56684.2022.00108	2022 Fifth International Conference on Computational Intelligence and Communication Technologies (CCICT)	BM Institute of Engineering and Technology, Sonapat, INDIA', 'WSG University, Bydgoszcz, Poland' and 'ABES Engineering College, Ghaziabad, INDIA	International	8-9 July 2022

Patents:

S. No.	Name of the Faculty	Title	National/International	Awarded/Granted	Years
1.	Dr. Arvind Kumar Selwal	A real-time deep learning-inspired hybrid fingerprint spoof detection system and its method thereof	International	Published	2022

Publications in Conference Proceedings:

S. No.	Name of the Faculty	Title with Page nos.	Year of pub.. & page nos.	Details of Conference	ISSN/ ISBN No	No. of Co-authors	Whether you are the main author
1.	Dr. Bhavana Arora	Analysis of Various Machine Learning Techniques used for Automatic Text Summarization, 288-295		2022 Fifth International Conference on Computational Intelligence and Communication Technologies (CCICT)	978-1-6654-7224-1	2	
2.	Dr. Bhavana Arora	Content-based fake news detection using deep learning techniques: Analysis, challenges and possible solutions, 411-417		2023 Fifth International Conference on Computational Intelligence and Communication Technologies (CCICT)	978-1-6654-7224-2	2	

Research Publication in Journals:

S. No.	Name Of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Deepti Malhotra	Resource Efficient VM placement in Cloud Environment using Improved Particle Swarm Optimization		International Journal of Applied Metaheuristic Computing (IJAMC), IGI GLOBAL.[ESCI INDEXED].		Co-author Referred	1947-8283.	
2.	Dr. Deepti Malhotra	A Systematic Literature Review on Traditional to Artificial Intelligence Based SBD Diagnosis in India: Challenges and Future Perspectives'		Applied Soft Computing, Elsevier, SCIE Journal		Co-author Referred	1568-4946 / 1872-9681	
3.	Dr. Deepti Malhotra	VM Consolidation in Cloud Computing",		Archives of Computational Methods in Engineering[SCIE]		Co-author Referred	1886-1784	
4.	Dr. Deepti Malhotra	A Systematic Study of Intelligent Autism Spectrum Disorder Detector		International Journal of Computational Vision and Robotics [SCOPUS]		Co-author Referred	1752-9131	

Department of Physics

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Prof. Suram Singh	Theoretical study of nuclear structure properties of positive parity states of odd mass $^{103-117}\text{Ag}$ nuclei	The European Physical Journal A	2022, 58 & 146	Co-author / refereed	1434-601X	3.131
2.	Prof. Suram Singh	Study of nuclear structure of neutron-rich even-even tungsten nuclei within theoretical framework	Brazilian Journal of Physics	2022, 52 & 174	Co-author/ refereed	1678-4448 (online) 0103-9733 (print)	1.364
3.	Prof. Suram Singh	Energy fluctuations in one dimensional Zhang sandpile model	Journal of Statistical Mechanics: Theory and Experiment	2022, 2022 & 073203	Co-author/ refereed	1742-5468	2.234
4.	Prof. Suram Singh	Microscopic insights into the nuclear structure of $^{98-106}\text{Ru}$ nuclei	The European Physical Journal A	2022, 58 & 89	Co-author/ refereed	1434-601X	3.131
5.	Prof. Vinay Kumar	Thermometric and luminescence studies of Eu^{3+} activated $\text{CaSr}_2(\text{PO}_4)_2$ phosphor for non-contact optical thermometry and solid state lighting applications	Materials Chemistry and Physics	2022, Volume No. 291, pp. 126735	Co-author/ refereed	Print ISSN: 0254-0584 Online ISSN: 1879-3312	4.778

6.	Prof. Vinay Kumar	Structural and Luminescence characterization of thermally stable orange-red emitting LiSrP ₃ O ₉ :Sm ³⁺ phosphor to fill the amber gap in WLEDs	Displays	2022, Volume No. 75, pp.102302	Co-author/ refereed	Print ISSN: 0141-9382 Online ISSN: 1872-7387	3.074
7.	Prof. Vinay Kumar	Titanium Dioxide (TiO ₂) Sensitized Zinc Oxide (ZnO)/Conducting Polymer Nanocomposites for Improving Performance of Hybrid Flexible Solar Cells	Journal of Electronic Materials	2022, Volume No. 51, pp. 5986-6001	Co-author/ refereed	Print ISSN: 0361-523	2.047
8.	Prof. Vinay Kumar	Advances in Flexible Non-volatile Resistive Switching Memory Based on Organic Poly (3,4-ethylenedioxythiophene): poly (styrenesulfonate) Film.	Thin Solid Films	2022, Volume No. 763, pp. 139605	Co-author/ refereed	Print ISSN: 0040-6090 Online ISSN: 1879-2731	2.358

Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Dr. Vinay Kumar	High Temperature Thermal Sensing using Nanophosphors	DRDO	2020-2023 (ongoing)	Rs. 108.13 Lakhs	Patent
2.	Dr. Vinay Kumar	Fabrication of TiO ₂ decorated ZnO Nanorods/Conducting Polymer heterojunctions for Flexible Photovoltaic applications.	DRDO	2020-2023 (Ongoing)	Rs 53.41 Lakhs	Patent

Awards/Fellowship from academic bodies:

S. No.	Programme/Fellowship	Awarded by	Year of Award
1.	INSPIRE	DST	2022
2.	Joint CSIR UGC NET	CSIR UGC	2022

Papers presented in conferences:

S. No.	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national / state/regional/college or university level	Dates & Years
1.	Temperature sensing performance of $\text{CaSr}_2(\text{PO}_4)_2:\text{Eu}^{3+}$ orthophosphate phosphor by using Fluorescence Intensity Ratio approach	International Conference of Material for Sustainable Development (ICMSD)-2022	Dept. of Nanoscience and Materials, Central University of Jammu	International	Oct. 19-20, 2022
2.	Highly pure and thermally stable orange red emitting Sm^{3+} activated $\text{Sr}_2\text{B}_2\text{O}_5$ phosphors for filling amber gap	International Conference of Material for Sustainable Development (ICMSD)-2022	Dept. of Nanoscience and Materials, Central University of Jammu	International	Oct. 19-20, 2022
3.	Orange red emitting $\text{LiSrP}_3\text{O}_9:\text{Sm}^{3+}$ phosphor to fill amber gap in WLED applications	International Conference of Material for Sustainable Development (ICMSD)-2022	Dept. of Nanoscience and Materials, Central University of Jammu	International	Oct. 19-20, 2022

4.	Flexible Memristor Device based on Conducting Polymer Poly (3,4-ethylenedioxythiophene):Poly(styrene sulfonate)	International Conference of Material for Sustainable Development (ICMSD)-2022	Dept. of Nanoscience and Materials, Central University of Jammu	International	Oct. 19-20, 2022
5.	TiO ₂ -ZnO nanostructures with organic polymer PEDOT:PSS based heterojunction as flexible photosensing device	International Conference of Material for Sustainable Development (ICMSD)-2022	Dept. of Nanoscience and Materials, Central University of Jammu	International	Oct. 19-20, 2022

Patents:

S. No.	Title	National/International	Awarded/Granted	Years
1.	Top window muffle furnace for FIR Spectroscopy and thermometry	Submitted by DRDO vide application No. 202211071134	Filed On 9 th Dec 2022	2022

Department of Chemistry and Chemical Sciences

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Authors	Name of journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN	Impact Factor
1.	Dr. V.Sridharan	Microwave-Assisted One-Pot Two-Step Imine Formation–Hetero-Diels-Alder–Detosylation/Aromatization Sequence: Direct Access to Dibenzo[<i>b,h</i>][1,6]naphthyridines	G. Jan, A. Kumar, M. Karuppasamy, D. Rajput, N. Slathia, K. K. Kapoor and V. Sridharan*	<i>Organic and Biomolecular Chemistry</i> The Royal Society of Chemistry, UK	2022, 20, 7472–7482.	Corresponding author Refereed	1477-0539	3.890
2.	Dr. V.Sridharan	Current perspectives on the environmental applications using conductive metal–organic frameworks (CMOFs)	T. Singh, S. Rarotra, P. Kumar, R. Sharma, V. Sridharan and C. Sonne	<i>Journal of Porous Materials</i> Springer, Germany	2022, 29, 1689–1706	Co-author Refereed	1573-4854	2.523
3.	Dr. V.Sridharan	Metal- and Solvent-Free Synthesis of m-terphenyls via Iodine-catalyzed Tandem Formal [3+3] Cycloaddition/Oxidati	T. Pavithra, G. Karthiyayini, S. Nagarajan, V. Sridharan and C. Uma Maheswari	<i>Synlett</i> Thieme, Germany	2022, DOI: 10.1055/a-1903-5174	Co-author Refereed	1437-2096	2.206
4.	Dr.V. Sridharan	Microwave-Assisted Copper(II)-Catalyzed Cascade Cyclization of Alkynes: Access to Densely Functionalized Imidazo[1,2- <i>d</i>][1,4]oxazepines and Imidazo[1,2- <i>d</i>][1,4]diazepines	D. Rajput, A. Kumar, T. Jandial, M. Karuppasamy, N. Bhuvanesh, R. S. Kumar, A. I. Almansour, V. Sridharan*	<i>Journal of Organic Chemistry</i> American Chemical Society, USA	2022, 87, 8956–8969.	Corresponding author Refereed	1520-6904	4.198

5.	Dr. V. Sridharan	Fluorescence sensors based on hydroxycarbazole for the determination of neurodegeneration-related halide anions	V. González-Ruiz, A. Cores, M. M. Caja, V. Sridharan , M. Villacampa, M. A. Martín, A. I. Olives, J. C. Menéndez	<i>Biosensors</i> MDPI Switzerland	2022 , 12, 175	Co-author Refereed	2079-6374	5.743
6.	Dr. V. Sridharan	Hybrid hydrogels derived from renewable resources as a smart stimuli responsive soft material for drug delivery applications	V. Singh, Y. Siva Prasad, A. K. Rachamalla, V. P. Rebaka, T. Banoo, C. U. Maheswari, V. Sridharan , K. Lalitha and S. Nagarajan	<i>RSC Advances</i> The Royal Society of Chemistry, UK	2022 , 12, 2009-2018	Co-author Refereed	2046-2069	4.036
7.	Tapta Kanchan Roy*	Performance of Vibrational Self-Consistent Field Theory for Accurate Potential Energy Surfaces: Fundamentals, Excited States, and Intensities.	Tapta Kanchan Roy*	Journal of Physical Chemistry A	2022 , 126, 608–622	Sole/corresponding author Referred	1520-5215	2.944
8.	Tapta Kanchan Roy	Effects of non-local exchange functionals in the density functional theories for the description of molecular vibrations	Amir Fayaz, Tapta Kanchan Roy,* Subrata Banik	Journal of Chemical Science	2022 , 134, 67	Corresponding author Referred	0973-7103	1.573
10.	Dr. Princy Gupta	Synthesis of 1,4-disubstituted-1,2,3-triazoles using starch-functionalized copper (II) acetate as a recyclable heterogeneous catalyst in water	Princy Gupta , Pawan Kumar, Bindu Syal and Tahira Shamim	Research on Chemical Intermediates	2022 , 48, 4601-4615	First Author Refereed	1568-5675	3.134

11.	Dr. Sujata Kundan	Symmetrical Synthesis and Characterization of Five Coordinate In(III) Porphyrins with Salicylic Acid Derivatives	Devika Sharma, Deepmala Gupta, Sujata Kundan* , Dr. Gauri. D. Bajju, S. Ravichandran	Rasayan Journal of Chemistry	2022, 5	Corresponding Author Refereed	0976-0083	1.30
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Publications other than journal articles (books, chapters in books):

S. No.	Title	Authors	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Advanced Nanocatalysis for Organic Synthesis and Electroanalysis Chapter 10: Synthesis of Heterocycles Involving Nanomaterials as Heterogeneous Catalysts	T. Jandial, M. Karuppasamy and V. Sridharan*	Editors: Vijai K. Rai, Manorama Singh and Ankita Rai Bentham Books	2022, 193-221	978-981-5040-17-3	Peer reviewed	Corresponding author
2.	Recent Developments in the Synthesis and Applications of Pyridines Chapter 14: Pyridine based probes and chemosensors	Pawan Kumar, Bindu Syal and Princy Gupta*	Editor: Parvesh Singh Elsevier	2022, 445-502	978-032-3912-21-1	Peer reviewed	Corresponding author

Research Projects:

S. No.	Title	Principal Investigator	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Exploring the Synthetic Potential and Mechanistic Features of Novel Nucleopalladation-Initiated Multi-bond Forming Reactions of Alkynes	V. Sridharan	SERB	Dec. 2021- Dec. 2024	35.97	No

2	Development of new variational method using independent particle model ansatz for the calculation of molecular thermal properties	Tapta Kanchan Roy	SERB	Feb. 2022- Feb. 2025	6.0	No
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Awards/Fellowship from academic bodies

S. No.	Programme/Fellowship	Recipient	Awarded by	Year of Award
1.	Chemical Research Society of India (CRSI) Bronze Medal 2022.	V. Sridharan	Chemical Research Society of India (CRSI)	2022

Papers presented in conferences:

S. No.	Title of the Paper presented	Authors	Title of conference / Seminar	Organized by	Whether international / national / state/regional / college or university level	Dates & Years
1.	Reactivity of 2 Propargylamino/Oxy-Arylaldehydes and 3,5-Di- <i>tert</i> -Butylphenol Under Basic Conditions (OP-08).	D. Rajput, R. Khatoon and V. Sridharan*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November 2022
2.	Synthesis of Pyrazole-Tethered Indolo[3,2- <i>b</i>]carbazoles <i>via</i> Lewis Acid-Catalyzed AB ₂ Three-Component Reaction. (PP-06)	G. Jan, M. Karuppasamy and V. Sridharan*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November 2022
3.	Palladium-Catalyzed Intramolecular Oxy-palladation-Initiated Cascade: Solvent-	A. Gupta, T. Jandial, M.	International Conference on Recent	Department of Chemistry and	International	10-11 th November

	Dependent Chemodivergent Approach to Functionalized Benzazepines and Tetrahydroquinolines. (PP-22)	Karuppasamy and V. Sridharan*	Advances in Chemical Sciences (RACS-2022)	Chemical Sciences, Central University of Jammu, Jammu		2022
4.	Microwave-Assisted Synthesis of Indeno[1,2- <i>b</i>]indoles <i>via</i> Palladium(II)-Catalyzed Intramolecular Aminopalladation-Initiated Cascade Process. (PP-42)	T. Jandial, A. Gupta and V. Sridharan*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November 2022
5.	Palladium Catalyzed Functionalization of Alkynes (PP-68)	O. Mahajan, R. Mehta, Z. N. Mughal, A. Sharma and V. Sridharan*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November 2022
6.	Recent Trends in Multi-bond Forming Reactions in Organic Synthesis	V. Sridharan (Recourse person)	Skill Based Internship Program (SBIP) on Rational Design of Nanomaterial Catalysts	University of Madras, Chennai.	National	2022
7.	Nucleopalladation-Initiated Cascade Reactions of Alkynes	V. Sridharan (Invited Talk)	28 th CRSI-NSC Meeting,	IIT Guwahati, Guwahati	International	2022
8.	Nucleopalladation-initiated cascade reactions of alkynes	V. Sridharan (Recourse person)	Online Two-Days Workshop for Faculty Development Programme on Strategies in Organic Synthesis,	National Institute of Technology Warangal (NITW), Warangal, India	National	2022

9.	Synthetic Strategies Involving Multi-Bond Forming Reactions	V. Sridharan (Recourse person)	Online Two-Days Workshop for Faculty Development Programme on Strategies in Organic Synthesis,	National Institute of Technology Warangal (NITW), Warangal, India	National	2022
10.	Nucleopalladation-Initiated Cascade Reactions: Synthetic Potential and Mechanistic Aspects	V. Sridharan (Invited Talk)	Two-Days International Webinar on Recent Advances in Chemical Sciences (RACS 2022),	Department of Chemistry, The Gandhigram Rural Institute (Deemed University)	International	2022
11.	Vibrational Tailoring Approach: An Efficient Way to Compute Quantum Anharmonic Vibrations of Large Molecules	Tapta Kanchan Roy (Invited Talk)	First International Conference on Impending Inquisitions In Humanities and Sciences (ICIIHS-2022)	KL University, Hyderabad	International	28-30 th November, 2022
12.	The performance of different basis sets families for the construction of the potential energy surfaces for the anharmonic molecular vibrations	Dhiksha Sharma and Tapta Kanchan Roy (Poster presentation)	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November 2022

13.	Exploring the electronic structure effects on double proton transfer reactions and promoter modes	Mokshi Sharma and Tapta Kanchan Roy (Poster presentation)	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November 2022
14.	The importance of electronic correlations on vibrational anharmonicities and potential energy surfaces	Amir Fayaz and Tapta Kanchan Roy (Oral presentation)	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November 2022
15.	Vibartonal Tailoring Approach: An efficient route to compute anharmonic molecular vibrations of large molecules	Hrishit Mitra, Dhiksha Sharma and Tapta Kanchan Roy (Oral presentation)	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November 2022
16.	Water mediated proton transfer reactions in DNA base pair	Kanav, Ritik, Tapta Kanchan Roy (Poster presentation)	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November 2022
17.	Proton Coupled Electron Transfer Reactions in Interstellar Medium	Sanjana Sharma, Vanshika Rajput, Tapta Kanchan Roy (Poster presentation)	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November 2022
18.	Deciphering the conformational structures of micro-solvated biomolecules using electronic structure and hybrid potential energy surface based on anharmonic vibrational spectroscopic calculations	Amir Fayaz and Tapta Kanchan Roy (Oral presentation)	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November 2022

19.	Cobalt Modified Nitrogen Doped Ceria based Single Atom Catalyst: Synthesis and Catalytic Evaluation (PP-01)	B. Syal, S. Panhotra and P. Gupta*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11th November 2022
20.	Synthesis of 2,4,5-Trisubstituted Imidazole Motifs and their In vitro Antidiabetic Assessments with Kinetic Investigations (PP-05)	P. Kumar and P. Gupta*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11th November 2022
21.	Heterogeneous Platinum and Palladium Single-Atom Catalysis (PP-63)	A. Mahajan, M. Mahajan, M. Dutt and P. Gupta*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11th November 2022
22.	Chitosan Based Metal Catalysts: Green Approach for Catalysis (PP-74)	S. Verma, S. Angral, S. Parothia, Shriya and P. Gupta*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11th November 2022

23.	Resource person in Five days Capacity Building Programme in "Content Enrichment and Pedagogical Approaches in Chemistry for Newly Promoted Lecturers	Princy Gupta	Five days Capacity Building Programme	Teacher Education Department of SCERT JK, Jammu Division.	National	13 th September 2022
24.	Synthesis and Comparison of Photophysical Properties of Symmetrical Co(II)-5,10,15,20- <i>meso</i> -tetra(<i>p</i> -phenyl)Porphyrin (PP-22-103).	Monika Verma, Sujata Kundan* , Devika Sharma	International Conference on Materials For Sustainable Development	Department of Nano Science & Materials, CUJ	International	19-20 th October, 2022

25.	Synthesis, Characterization and Applications of In(III)-A ₃ B-type Porphyrin Anchored Graphene Oxide-Nanocomposites (PP-22-106).	Devika Sharma, Monika Verma, Dr. Sujata Kundan*	International Conference on Materials For Sustainable Development	Department of Nano Science & Materials, Central University of Jammu, Jammu	International	19-20 th October, 2022
26.	Synthesis, Crystal Structure of In(III)-Symmetrical Porphyrin and their Enhanced Electronic Properties with N- and O-Donors (PP-10)	Devika Sharma, Monika Verma, Shivani Manhas, Dr.Sujata Kundan*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November, 2022
27.	β -Pyrrole Brominated <i>meso</i> -Functionalized In(III)Porphyrin: Synthesis and Spectral Properties (PP-64)	Abhishek Bhushan, Keshav Dubey, Dr.Sujata Kundan*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November, 2022

28.	Synthesis, Characterizations and Significances of Asymmetrical Zn(II)- <i>Meso</i> -Substituted Porphyrins (PP-70)	Chakshu Gupta, Divisha, Shobik Mahajan, Imroz Ali, Dr. Sujata Kundan*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November, 2022
29.	Synthesis, Characterization and Structural Assessment of Nickel(II) Complexes Ligated with Salicylic Acid Derivatives (PP-71)	Harshita Mahajan, Janvi Mahajan, Dr.Sujata Kundan*	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu	International	10-11 th November, 2022

National/International conference/seminar organized:

S. No.	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	International Conference on Recent Advances in Chemical Sciences (RACS-2022)	International	10-11 th November 2022	SERB, CSIR, JK-DST

Department of Nanoscience and Materials

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Vishal Singh	Room Temperature Enhancement of Magnetolectric Coupling in Multiferroic Nanocomposite of PbTiO ₃ —SrFe ₁₂ O ₁₉	Journal of Superconductivity and Novel Magnetism	Vol.36, P.No. 249-261, 2023	Co-author	1557-1939	1.675

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Dr. Vishal Singh	“Recent Advances in Porous Carbon Based Inorganic Flexible Sensor Journey from Material Synthesis to Sensor Prototyping”	Editor: Andrews Nirmala Grace, Prashant Sonar, Preetam Bhardwaj, Arghya Chakravorty publisher: Springer Nature	2022	ISBN: 9789811971877 (ISBN10: 9811971870)	Yes	Corresponding
2.	Dr. Vishal Singh	Nanomaterial Composite Based Nanofiber Membrane: Synthesis to Functionalization for Wastewater Purification	Editors: Sughosh Madhav, Pardeep Singh, Vandana Mishra, Sirajuddin Ahmed, Pradeep Kumar Mishra publisher: Springer Nature	2022, Pages 315-340	ISBN: 978-3-030-99858-5	Yes	Corresponding

Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Dr. Vishal Singh	Sensor For Detection of Nitro And Peroxide-Based Explosives	DRDO	Nov. 2020-2023	110.55	Publications

Papers presented in conferences:

S. No.	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Synthesis and Characterization of FeSnSe, FeZnSe and FeZnSn half Heusler by Mechanical Alloying Process	International Conference on Materials for sustainable development	Department of nanoscience and Materials, Central University of Jammu	International	19-20 Oct, 2022
2.	Synthesis , Structural and Optical Characterization of NdMnO ₃ -RGO Nanocomposite using Ultrasonication Technique	International Conference on Materials for sustainable development	Department of nanoscience and Materials, Central University of Jammu	International	19-20 Oct, 2022
3	Structural, Vibrational and Electrical Characterization of CuO/rGO Nanocomposite	International Conference on Materials for sustainable development	Department of nanoscience and Materials, Central University of Jammu	International	19-20 Oct, 2022

National/International conference/seminar organized :

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr. Vishal Singh	International Conference on Materials for sustainable development	International	19-20 Oct, 2022	CSIR, DRDO, SERB DST

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Pragati Kumar	Dopant mediated augmentation of nanotwinning and anomalous emission behaviour	Journal of Luminescence	255 (2023) 119544	Corresponding Author, Refereed	0022-2313	4.171
2.	Dr. Pragati Kumar	Room temperature ferromagnetism in metal oxides for spintronics: a comprehensive review	Optical and Quantum Electronics	55 (2023) 123	Corresponding Author, Refereed	1572-817X	2.794

Publications other than journal articles (books, chapters in books):

S.No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co- author
1.	Dr. Pragati Kumar	Pyroelectric and Piezoelectric Polymers	Dr. Inamuddin et al., CRC Press	2022, 109- 139	978-1-003- 16972-7	Yes	Corresponding Author

National/International conference/seminar organized

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr. Pragati Kumar	International Conference on Materials for Sustainability Development (ICMSD-2022)	International	19-20th Oct. 2022	SERB, DRDO, CSIR, and CUJammu

Any Other:

1. Delivered Lecture on “**Fabrication and Characterization of Quantum Dot Light Emitting Diodes**” during Synergetic Training Program Utilizing the Scientific and Technological Infrastructure (**STUTI**), conducted by Bareilly College Bareilly in Collaboration of Aligarh Muslim University (AMU) during 25th July -31st July 2022.

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of journal (with city/country)	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN	Impact Factor
1.	Dr. Pawan Kumar	Recent Trends in the Design, Synthesis and Biomedical Applications of Covalent Organic Frameworks.	<i>Polymers</i> , 15(1), 139, Netherlands.	Kaur, G., Kumar, D., Sundarrajan, S., Ramakrishna, S., & Kumar, P.	2073-4360	4.9
2.	Dr. Pawan Kumar	Effect of temperature on water solubility and absorption capacity in BTC-MOFs: a fundamental study for biomedical applications,	<i>Chemical Papers</i> , Article DOI: 10.1007/s11696-022-02619-w, Switzerland	Gaurav Awasthi, Pawan Kumar	03666352	2.1
3.	Dr. Pawan Kumar	Progressive trends on the biomedical applications of Metal organic frameworks,	<i>Polymers</i> 14, 21: 4710, Netherlands.	Gaurav Awasthi, Sahil Shivgotra, Shibyendu Nikhar, Sundarrajan Subramanian, Seeram Ramakrishna, Pawan Kumar,	2073-4360	4.9
4.	Dr. Pawan Kumar	Progressive Trends in Hybrid Material-Based Chemiresistive Sensors for Nitroaromatic Compounds	<i>Polymers</i> 14, 21: 4643, Netherlands.	Gaurav Awasthi, Ritika Sharma, Subramanian Sundarrajan, Seeram Ramakrishna, and Pawan Kumar.	2073-4360	4.9

5.	Dr.Pawan Kumar	Gaurav Awasthi, Pawan Kumar	<i>Inorganic Chemistry Communications</i> , 110043, DOI : https://doi.org/10.1016/j.inoche.2022.110043 , UK	Ibuprofen tagged Imine RT-COF1 as customisable vehicle for controlled drug delivery application.	1387-7003	3.5
6.	Dr.Pawan Kumar	Gaurav Awasthi, Pawan Kumar	<i>Bulletin of Materials Science, Just Accepted</i> EMID:7b1341096c57763c), India	Optical properties evaluation on d and f metal ions based dicarboxylic MOFs for pollutant sensing	0250-4707	1.8
7.	Dr.Pawan Kumar	Gaurav Awasthi, Pawan Kumar	<i>Anal. Methods</i> , 2022 DOI: https://doi.org/10.1039/D2AY01030E , UK	Relative capability demonstration of luminescent Al-MOFs for ideal detection of nitroaromatic explosives	1759-9660	3.5

Publications other than journal articles (books, chapters in books):

S.No	Title	Editor & publisher	ISSN/ISBN No.	Whether peer reviewed.	No. of Co-authors and Date of Publication	Whether you are the main author
1.	Covalent Organic Framework:	Prof . Ram Gupta, CRC Press	9781003206507	Yes	Gagandeep Kaur, Pooja Upadhyay, Karan Basve, Pawan Kumar	Yes
2.	MOF-derived Smart Sensors, Challenges and Future Perspectives	Prof . Ram Gupta, CRC Press	9781003188148	Yes	Ambika Devi, Prism Bhardwaj, Pawan Kumar	Yes

Papers presented in conferences:

S.No.	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Metal-organic frameworks (MOFs) based catalytic degradation of microplastics	International Conference on Materials for Sustainable Development (ICMSD-22)	Department of Nano Science and Materials, Central University of Jammu, J&K, India	International	19-20 October 2022
2.	Cesium-Based Metal Halide Perovskite for Nitroaromatic Detection in Hexane	International Conference on Materials for Sustainable Development (ICMSD-22)	Department of Nano Science and Materials, Central University of Jammu, J&K, India	International	19-20 October 2022
3.	Biofunctionalized @ NUS-15 for Biomedical Applications	International Conference on Materials for Sustainable Development (ICMSD-22)	Department of Nano Science and Materials, Central University of Jammu, J&K, India	International	19-20 October 2022
4.	Optical Sensing of Polycyclic Aromatic Hydrocarbons (PAHs) By Using HKUST-1	International Conference on Materials for Sustainable Development (ICMSD-22)	Department of Nano Science and Materials, Central University of Jammu, J&K, India	International	19-20 October 2022
5.	Detection of Emerging Pollutants At Jammu and Kashmir Region	International Conference on Materials for Sustainable Development (ICMSD-22)	Department of Nano Science and Materials, Central University of Jammu, J&K, India	International	19-20 October 2022
6.	Synthesis of Citric Acid based MOFs	International Conference on Materials for Sustainable Development (ICMSD-22)	Department of Nano Science and Materials, Central University of Jammu, J&K, India	International	19-20 October 2022
7.	Mixed organic linker based Co-MOF for explosive sensing application	Union of Materials Research Societies – International Conference in Asia – 2022 (IUMRS-ICA 2022)	IIT, Jodhpur	International	Dec 19-23, 2023.

Patents:

S.No.	Title	National/International	Awarded/Granted	Years
1.	Novel synthesis approach for cello-MOFs preparation using waste papers for air purification application,	National	Filled	Dec., 2022

Department of Educational Studies

Publications other than journal articles (books, chapters in books):

S.No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Dr. Aman	Human Values & Human Rights Amidst Covid-19 Pandemics: Elevating Through Educational Interventions	As Co-Editor	2022	978-93-91377-16-8	Yes	
2.	Dr. Aman	Role of Teacher in Promoting Value Education at the School Level	Indu Book Services Pvt. Ltd. (ISO 9001:2015 Certified - IAF Certified) (Publishers & Distributors) 4638, 1st Floor, 21 Ansari Road, Daryaganj, New Delhi - 110002	2022	978-93-91377-16-8	Yes	Co-author
3.	Dr. Aman	Issues of Human Rights During Covid 19 Pandemic: 145Reflections on Status of Women	Indu Book Services Pvt. Ltd. (ISO 9001:2015 Certified - IAF Certified) (Publishers & Distributors) 4638, 1st Floor, 21 Ansari Road, Daryaganj, New Delhi - 110002	2022	978-93-91377-16-8	Yes	Co-author
4.	Dr. Aman	Violation of Children's Human Rights During Covid Times: 201Role of Government in Safeguarding Children's Right to Education	Indu Book Services Pvt. Ltd. (ISO 9001:2015 Certified - IAF Certified) (Publishers & Distributors) 4638, 1st Floor, 21 Ansari Road, Daryaganj, New Delhi - 110002	2022	978-93-91377-16-8	Yes	Co-author

5.	Dr. Aman	Cooperative Learning: A Pedagogical Approach in Enhancing 217 Human Values	Indu Book Services Pvt. Ltd. (ISO 9001:2015 Certified - IAF Certified) (Publishers & Distributors) 4638, 1st Floor, 21 Ansari Road, Daryaganj, New Delhi - 110002	2022	978-93-91377-16-8	Yes	Co-author
6.	Dr. Aman	Role of Teachers in Inculcation and Encouragement of Values 253 among Students through Life Skills	Indu Book Services Pvt. Ltd. (ISO 9001:2015 Certified - IAF Certified) (Publishers & Distributors) 4638, 1st Floor, 21 Ansari Road, Daryaganj, New Delhi - 110002	2022	978-93-91377-16-8	Yes	Co-author

Research Projects:

S.No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Dr. Aman	Going on: Sustainable University and School Partnership: An Outreach Approach to Capacity Building of Secondary School Teachers and Students of Vijaypur Zone of District Samba	Central University of jammu	Two years	02 Lakh	No
2.	Dr. Aman	Going on: Gendered Discourses in Schools of J&K and Himachal Pradesh: Towards Gender Sensitive Pedagogy	Indian Council of Social Science Research	Two years	08 Lakh	No
3.	Dr. Aman	Submitted: Educational Problems and Career Aspirations of Tribal Adolescents in Union Territories of Jammu Kashmir and Laddakh: An Aisle for Comparative Evaluation	Indian Council of Social Science Research	Two years	13 Lakh	----

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Aman	Blended Assessment: Scope and Challenges	Academic Bank of Credit and Multiple Entry and Exit in Academic Programmes	Central University of Panjab in collaboration with ICSSR	National	19th-20th December, 2022
2	Dr. Aman	Teaching aptitude of prospective teachers studying in different privately managed colleges of education of district Jammu in relation to their gender and semester	Education for Sustainable Development: From Promises to Action	Central University of Haryana	National	13-14 June 2022

National/International conference/seminar organized:

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr. Aman	Bharat Centric Research in Social Sciences: Designs & Approaches	National	12 th to 16 th Sep., 2022	School of Education, CENTRAL UNIVERSITY OF JAMMU under Pandit Madan Mohan Malviya National Mission on Teachers & Teaching (Centre for Assessment & Evaluation)

Research Publication in Journals:

S.No	Name of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. JN Baliya	Exploring Key Factors Leading to Low Performance in Mathematics of J&K Students in PISA	Dr. JN Baliya & Seema Rani Thappa	Turkish Journal of Computer and Mathematics Education	2022, 13(03) &174-185	Co-author/ Refereed Journal	1309-4653	NA
2.	Dr. JN Baliya	Teachers' Techno-Pedagogical Competencies in Social and Professional Contexts	Dr. JN Baliya& Seema Rani Thappa	Indian Journal of Natural Sciences	2022, 13(75) & 50789-50797	Co-author/ Refereed Journal	0976-0997	Between 1 and 2
3.	Dr. JN Baliya	Efficacy of TPACK Framework through Blended Learning Approach: An Innovative Integrated Model in Post COVID-19 Era	Dr. JN Baliya Seema Rani Thappa Deep Shikha	Education India: A Quarterly Peer Reviewed Journal	Nov 2022, 11(4) &	Co-author/ Refereed Journal	2278-2435,	NA
4.	Dr. JN Baliya	Analytical Study of Virtual Teaching and Learning during COVID-19 in Higher Educational Institutional of UT of Jammu & Kashmir	Dr. JN Baliya	Journal of Technology and Engineering Sciences	2022, 5(1) &	Co-author	0975-5289	1.2

Publications other than journal articles (books, chapters in books):

S.No	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub..&page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Dr. JN Baliya	Exploring the Probable Technological Interventions for Sustained Implementation of NEP 2020	Dr. Rajesh Deb Barman & Global Publishing House	2022 & 11-24	978-93-95606-00-4	Peer Reviewed	Co-author
2.	Dr. JN Baliya	Handbook of Enhancing Pedagogical Practices in Mathematics	Dr. JN Baliya& PHI Publishing House	Aug, 2022	978-93-91377-17-5	Peer Reviewed	Author
3.	Dr. JN Baliya	Human Values & Human Rights Amidst Covid-19 Pandemics	Dr. JN Baliya&Indu Book Services Pvt. Ltd.	Oct, 2022	978-93-91377-16-8	Peer Reviewed	Co author
4.	Dr. JN Baliya	Practicing Action Research A Resource Book forReflectivePractitioners	Dr. JN Baliya&Indu Book Services Pvt. Ltd	July, 2022	978-81-952023-1-7	Peer Reviewed	Author

Awards/Fellowship from academic bodies:

S.No	Name of the Faculty	Programme/Fellowship	Awarded by	Year of Award
1.	Dr. JN Baliya	Certificate of Appreciation- Active SPOC	NPTEL	July-December, 2022

Papers presented in conferences:

S.No	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. JN Baliya	Examining Teachers' Techno-Pedagogical Competencies in Socio-Professional Contexts	"Dialogues and Deliberations in Social Sciences and Humanities"	Sabarmati University	International Level	29-30 th July, 2022

National/International conference/seminar organized

S.No	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr. JN Baliya	Two Day Online Workshop on Practising Action Research for Professional Development	National Workshop	14-15 July,2022	CUJ
2.	Dr. JN Baliya	Consultative Workshop on National Curriculum Frameworks (NCFs)	National Level	17 th August, 2022	NCERT
3.	Dr. JN Baliya	Five Day Online Workshop on Bharat Centric Research in Social Sciences: Design and Approaches	National Level	12 th -16 th September, 2022	PMMMNMTT

Patents:

S. No.	Name of the Faculty	Title	National/International	Awarded/Granted	Years
1.	Dr. JN Baliya	MBCD Scaffolding Model for Potential Development of Technological Pedagogical and Content Knowledge Competencies	National	IN Process	Sept, 2022
2.	Dr. JN Baliya	HOPE (Hybrid Model with Optimal Peer Hybrid Model with Optimal Peer Engagement (HOPE))	National	In Process	Sept, 2022

Any Other:**E-Content Development**

S.No	Name of e-Content Development	Course No.	Designer	Link	A/V	Institution	Date
1.	गणित में एक अच्छे शिक्षण कार्यक्रम के वांछनीय लक्षण और इकाई योजना की तैयारी	BES-143	Dr. J. N. Baliya	https://onlinecourses.swayam2.ac.in/nou22_ed21/unit?unit=6&lesson=36 https://www.youtube.com/watch?v=RNYRgKxxBv0&t=482s	Video-1	IGNOU New DELHI	13-06-2022
2.	सीखने के अनुभवों की योजना बनाना तथा पाठ्यो जनाकी तैयारी	BES-143	Dr. J. N. Baliya	https://onlinecourses.swayam2.ac.in/nou22_ed21/unit?unit=6&lesson=37 https://www.youtube.com/watch?v=a6CqPm14thl&t=371s	Video-1	IGNOU New DELHI	13-06-2022

3.	गणित शिक्षण -अधिगम के लिए संसाधन(महत्व, उपयोग, विद्यमान परिवेश में अधिगम संसाधन)	BES-143	Dr. J. N. Baliya	https://onlinecourses.swayam2.ac.in/nou22_ed21/unit?unit=7&lesson=38 https://www.youtube.com/watch?v=7XR7p0hdtH4	Video-1	IGNOU New DELHI	14-06-2022
4.	गणित प्रयोगशाला, क्लब और मंच	BES-143	Dr. J. N. Baliya	https://onlinecourses.swayam2.ac.in/nou22_ed21/unit?unit=7&lesson=39 https://www.youtube.com/watch?v=0vCUlAuvChs&t=332s	Video-1	IGNOU New DELHI	14-06-2022

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Ravi Vanguri	A study on perception of teacher-trainees of four year integrated programme towards teaching profession	Dr. Ravi Vanguri & Rama Verma	SPECTRA, Biannual Multidisciplinary Peer Reviewed Journal	2022 Vol. 9. 2022	Co-author	245-4469	---

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Dr. Ravi Vanguri	Awareness towards Disaster Management : A study of Sagar University students	Dr. M. Rajendra NathBabu, Prof. Santhosh Kumar, Prof. Buno Liegise, Dr. Kumar Raka & Dr. Balu. & Shipra Publication, New Delhi	2022 & 123-134	978-93-91978-32-7	yes	Co-Author

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Ravi Vanguri	A Study of Perspective of Under-graduate Students towards pursuing Vocational Courses at Central University of Jammu	Two Day National Seminar on Academic Bank of Credits and Multiple Entry and Exit in Academic Programmes	Central University of Punjab	National	19 TH & 20 TH December 2022

Any Other: Note: Two research paper was sent to publications.

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Asit K. Mantry	Status of Vocational education in Government Schools in Jammu & Kashmir	Dr. Asit K. Mantry & Sanjay Kumar	<i>Aruhu Kuruhu</i>	2022, 13 (50), 367-371	First Author Refereed	2347-5048	NA
2.	Dr. Asit K. Mantry	English Achievement Among Border Area Secondary School Students In Jammu And Kashmir, India	Dr. Asit Kumar Mantry, Ms. Tarandeep Kour, Ms. Surbhi Tak, Ms. Bharti Sharma, Mr. Biswabhusan Pradhan	<i>Neuroquantology</i>	2022; 20(13):936-946	First Author Refereed	1303-5150	NA
3.	Dr. Asit K. Mantry	Role of conflict among Government Higher Secondary School	Ms. Sunita Devi, Dr. Asit K. Mantry, S.K. Lalotra & B.B. Pradhan	Third Concept	2022, 36(429), 42-45	Co-author Refereed	0970-7247	NA
4.	Dr. Asit K. Mantry	Spiritual Approach to Manage conflicts in Higher Education Institutions: A Critical Study of Jammu & Kashmir	Dr. Asit K. Mantry, S.K. Lalotra, S.D. Kulkarni & B.B. Pradhan	<i>Satrachee</i>	2022, 37(2), 106-112	First Author Refereed	2348-8425	NA
5.	Dr. Asit K. Mantry	Decision-making styles of head-mistresses of High Schools: A Cross-sectional Study	Dr. Asit K. Mantry, Ms. Tarandeep Kour and Dr. P.Sahu	<i>Education India</i>	2022, 11(4)	First Author Refereed	2278-2435	NA

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Dr. Asit K. Mantry	Book: Teacher Education in India: trends, Challenges and Opportunities Chapter: Simulated Social Skill Training (SSST) for the modification of Pupil Teachers Behaviour: Concept and Significance	Dr. S.K. Pradhan Rudra Publishers and Distributors, New Delhi	2022 Pg. 51-62	978-93-92108-24-2	Yes	First Author

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Asit K. Mantry	Relevance of Vocational education for Informal Workers in Post-Covid-19 Pandemic: A Study of Samba district	Rethinking Tourism t strive for Sustainable and Community-Induced Growth	Department of Tourism and Travel Management, Central Unversity of Jammu	International	30 th November, 2022

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of journal (with city/country)	Whether Sole author /Co- author/ Whether refereed/non refereed	ISBN /ISSN	Impact Factor
1.	Dr. Kiran	Implications of Values and Technological Interventions In Research Methodology: A Critical Analysis	Journal of Positive School Psychology	Co- author	2717-7564	8
2.	Dr. Kiran	Development of E-content Module and Measuring Effectiveness in the Topic Understanding ICT and its Application at B.Ed Level One of the two author/ First and Principal/Corresponding author	International Journal of Early Childhood Special Education (INT-JECSE)	Co-author	1308-5581	0.286
3.	Dr. Kiran	Use of Online Teaching-Learning Platforms during COVID 19: Exploring the Experiences of Higher Secondary School Students	Indian Journal of Natural Sciences	Co-author	0976 – 0997	0.654

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title	Editor & publisher	ISSN/ISBN No.	Whether peer reviewed.	No. of Co-authors and Date of Publication	Whether you are the main author
1.	Dr. Kiran	Women Empowerment In Modern Age Intervention of Technology in the Modern Era: A Potent Factor in Empowering Women in India	Jyotikiran Publication, Pune (International Publication)	978-93-94819-09-2		2	No
2.	Dr. Kiran	Analyzing the Growth in Use of Assistive Technologies in Inclusive Education	VLMS Publications	78-9391308513		2	No
3.	Dr. Kiran	Integration of values into school curriculum: A future prospective.	Shipra publication	978-9391978211		2	No
4.	Dr. Kiran	Challenges to effective co- teaching and efficient ways to co-teaching for productive results	Indu book services pvt ltd	978-81-952023-6-2		2	No
5.	Dr. Kiran	Values for equality					
6.	Dr. Kiran	Co-teaching for promotion of inclusion	Indu book services pvt ltd	978-81-952023-6-2		2	No

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of journal (with city/country)	Whether Sole author /Co- author/ Whether refereed/non refereed	ISBN /ISSN	Impact Factor
1.	Dr. Rit Bakshi	Valuing Teaching Profession: Exploring attitude of Preserviceteacher educators	MIER Journal of Educational studies Trends and Practices	Joint	9768203	0.34
2.	Dr. Ritu Bakshi	Swachh Bharat Abhiyan: A catalyst for Sustainable Development	Journal of Positive SchoolPsychology	Corresponding	2717-7564	8
3.	Dr. Ritu Bakshi	Exploring the Emerging collaborative approach in education: Building capacities of Teachers for Blended mode as future solution	International Journal of Early childhood SpecialEducation	Joint	4758-4764	0.286
4.	Dr. Ritu Bakshi	Reorienting Value System through Education: Vision NEP2020	Indian Journal of Natural Sciences	Joint	0976-0997	1.988
5.	Dr. Ritu Bakshi	Beti Bachao Beti Padhao:Laws and Acts in India Towards Girls Empowerment	Journal of Positive SchoolPsychology	Joint	2717-7564	8

Publications other than journal articles (books, chapters in books):

S.No.	Name of the Faculty	Title	Editor & publisher	ISSN/ISBN No.	Whether peer reviewed.	No. of Co- authors and Date of Publication	Whether you are the main author
1.	Dr. Ritu Bakshi	Teaching in the Online Classroom: Problems & Solutions	Innovative Research Publications, Bhopal(M.P.), India.	978-93-91708-26-9		2	
2.	Dr. Ritu Bakshi	Revisiting Indian Education: Towards Sustainable Curriculum Framework	Lulu Publication 3101 Hillsborough St, Raleigh, NC 27607, United States	978-1-6781-9687-5		2	No
3.	Dr. Ritu Bakshi	Education for Sustainable Development: The Roadmap	Social Research Foundation	978-93-93166-11-1		1	No
4.	Dr. Ritu Bakshi	Portrayal of Sustainable Development Goals through Non Governmental Organisation	Jyotikiran Publications	978-93-94819-09-2		1	No

5.	Dr. Ritu Bakshi	Promoting Entrepreneurship for Atam Nirbhar Bharat: Towards Sustainable Education		978-1-6781-9687-5		2	No
6.	Dr. Ritu Bakshi	Empowerment of elected women representatives in Panchayati Raj institutions: Case studies of Kangra district of Himachal Pradesh	Gender, Raw 20 22t Publications, Jawahar Nagar, Jaipur-302004 (India)	978-81-316-1237-8		1	
7.	Dr. Ritu Bakshi	Incorporating Gender Issues and Identities in curricular spaces: Towards Gender justice	Kanishka Publishers, New Delhi-110 002	978-93-93066-10-7			Yes
8.	Dr. Ritu Bakshi	Meaning, Nature, Scope and Importance of Sociology	Akhand publishing House Delhi (India)	978-93-88998-18-5		1	
9.	Dr. Ritu Bakshi	The theoretical approaches to sociology of education	Akhand publishing House Delhi (India)	978-93-88998-18-5			Yes
10.	Dr. Ritu Bakshi	Relationship of Education with social Institutions	Akhand publishing House Delhi (India)	978-93-88998-18-5			Yes
11.	Dr. Ritu Bakshi	Social system	Akhand publishing House Delhi (India)	978-93-88998-18-5			Yes

12.	Dr. Ritu Bakshi	Creating a common world education culture through globalization	Akhand publishing House Delhi (India)	978-93-88998-18-5			Yes
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Papers presented in conferences:

S.No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national / state / regional / college or university level	Dates & Years
1.	Dr. Ritu Bakshi	Recent innovation of Computing in Education: Emerging Collaborative Blended Learning Models in India	Recent Innovations in Computing (ICRIC-2022)	Deptt. Of Computer Science and Information Technology, CUJ	International (within country)	5/16/2022

2.	Dr. Ritu Bakshi	Social Media as a potent factor in promoting awareness: A study on Swacch Bharat Abhiyan	Recent advances in the field of Management, Law, Education and Technology: An Interdisciplinary Approach	Aligarh Muslim University	International (within country)	6/2/2022
3.	Dr. Ritu Bakshi	Showcasing Incredible India through Swacch Bharat Abhiyan: Swacch Smark, Swacch Pakwan and Swacch	Reflections on New Tourism and New Normal in Post-Covid 19 world	by Deptt. Of Tourism and Travel Management, CUJ	International (within country)	5/26/2022
4.	Dr. Ritu Bakshi	Paradigm shift in Education in light of NEP 2020: Provisions and possibilities for special children	Education	Department of Teachers Training and Non-formal education (IASE), Jamia Milia Islamia, New Delhi, India.	International (within country)	5/6/2022
5.	Dr. Ritu Bakshi	Student engagement strategies in Online Learning Environment: Towards a Sustainable Teaching Learning Model	Perspectives in Teaching, Learning and Assessment during Covid-19 Pandemic	MIER College of Education	International (within country)	5/19/2022

6.	Dr. Ritu Bakshi	Vocational Maturity As determinant of Job Choices of Secondary School Students of District Jammu: An Analytical Study	Education for Sustainable Development: From Promises to Action	Central university of Harayana	National Seminar	June 13-14, 2022
7.	Dr. Ritu Bakshi	Vocationalizing the mainstream education: lok vidya & self - sustenance	Academic bank of credit and multiple entry and exit in academic programme	Central university of Punjab	National Seminar	Dec 19 - 20, 2022

Department of Economics

Research Publications in Journals:

S.No.	Name of the Faculty	Title of research article/papers	Name of journal (withcity/country)	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN	ImpactFactor
1.	Dr. Shaveta Kohli	Gender Gap in India:Trends and Analysis	International Journal of Education and Allied Sciences (INDIA)	Co-author	Dec. 2022, Volume 14, No. 1, pp. 103-114 ISSN-0975-8380	
2.	Dr. Shaveta Kohli	COVID-19 and MarketFailure: An Indian Experience	Economic and Political Weekly (INDIA) ABDC-B	Co-author	Vol LVII No. February 19, 2022; pp 54-60	0.336

Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)
1.	Dr. Shaveta Kohli	Cyber Security Challenges underCyber Space Specially for Women Users	National Commission for Women	sanction number 16(08)/2020-21/NCW(RS) Dated 13-01-2021	12.19Lac

Research Publications in Journals:

S.No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	ImpactFactor
1.	Dr. Sushanta Nag	Exploring the Potential of Bilateral Trade between India and Pakistan: An Empirical Analysis	Empirical Economics Letters	2022, Vol. 21 (7), 33-46	Co-author (Corresponding Author)	1681-8997	0.91
1.	Mr. Rajesh Kumar	Exploring The Potential of Bilateral Trade between India and Pakistan: An Empirical Analysis	<i>Empirical Economics Letters (Bangladesh)</i>	First Author/ ABDC Journal	1681-8997	0.91	

Papers presented in conferences:

S.No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Mr. Rajesh Kumar	Intra-Kashmir Trade: A Pathway to Peace and Prosperity	105 th Annual Conference of Indian Economic Association	CMS Business School, Jain University, Bangalore	International	27-29 December 2022

Department of Public Policy and Administration

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr.Rouchi Chaudhary	Role of Women in Indian Agriculture and Rural Sustainable Livelihood: A Policy Perspective	Annals of Forest Research	2022 65(1) pp-7441-7457	Scopus Indexed International Journal Web of Science (SCIE)	18448135	1.964

Papers presented in conferences:

S.No	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Rouchi Chaudhary	Juvenile Justice Administration in India: A Temporal Analysis of Legislative Development	RGNIYD & ICSSR sponsored International Conference on Public Administration in India at 75 th year of Independence: Changes and Challenges	Jointly Organized by Aadiwasi Study Centre, JNVU, Jodhpur and NEPASI	International	23 rd – 24 th December, 2022
2.	Dr. Rouchi Chaudhary	Articulation of Challenges and Issues of Rural Livelihood in J&K in context to SDGs	National Seminar sponsored by ICSSR, Chandigarh on Good Governance and Sustainable Development	Department of Public Administration, Sri Guru Gobind Singh College, Chandigarh	National	4 th May, 2022

3.	Dr. Rouchi Chaudhary	An Inter-State Analysis of Juvenile Delinquency in India in Purview of Sustainable Inclusive Development	National Seminar sponsored by ICCSR, Chandigarh on Good Governance and Sustainable Development	Department of Public Administration, Sri Guru Gobind Singh College, Chandigarh	National	4 th May, 2022
4.	Dr. Rouchi Chaudhary	Contemplation of Right of Social Science in India: A Critical Review of National Assistance Program (NSAP)	59 th All India Political Science Conference and International Seminar on Global Rise of Incredible India(IPSA)	University of Science and Technology, Meghalaya	International	26 th -27 th March, 2022

Research Publications in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Mohit Sharma	Promoting gender equality across the sustainability development goals	Environment, Development and Sustainability	August 2022	Co-author	1573-2975	4.080 (2021)

Consultancies project:

S.No.	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1	Third Party Evaluation Report of Micro Industrial units of Jammu & Kashmir Khadi and Village Industries Board	Jammu & Kashmir Khadi and Village Industries Board	02 month	2,48500	Policy Document

Papers presented in conferences:

S. No.	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1	Disaster management in India	Indian Administration in 21 st Century: Trends and Challenges	ChaudharyDevi Lal University , Sirsa (Haryana) in Collaboration with Indian Public Administration Association	National	8 th -9 th Nov, 2022
2	Corporate Social Responsibility Expenditure of Select Navratnas: An Analysis of Recent Trends	Indian Administration in 21 st Century: Trends and Challenges	ChaudharyDevi Lal University, Sirsa (Haryana) in Collaboration with Indian Public Administration Association	National	8 th -9 th Nov, 2022

National/International conference/seminar organized/ Event organized:

S. No.	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Organized An online interactive session on the Occasion of “International Literacy Day” on the Topic- ‘Building String Educational Foundation’	University/ Department level	8 September, 2022	
2	Organized Mock Parliament on the Occasion of ‘ International Day of Democracy ’	University/ Department level	15 September, 2022	
3	Organized a Symposium as part of International Day for Peace	University/ Department level	21 September, 2022	
4	Organized a Three Day Event for the celebration of Constitution Day on the theme- India: The Mother of Democracy.	University/ Department level	from 24-26 November, 2022	

Department of Social Work

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Imact Factor
1.	Mr.Bhat Iqbal Majeed	Contextualizing Women Empowerment Through Anti-Caste Discourse	Journal of Research and Development	2022	Mr.Bhat Iqbal Majeed	2230-9578	

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Dr. Nancy Mengi	Interdisciplinary Social Work Practice	Dr. Nancy Mengi Rawat Publications	2022	978-81-316-1279-8		

Papers presented in conferences:

S. No.	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international/ national/ state/regional/college or university level	Dates & Years
1.	Meal – less Mornings for The School Going Mountain Dwellers. An Insight into food – Health Interface in Remote Mountain Region of Kathua Jammu and Kashmir , India	Co building an Inclusive New Social order :Reflection from Covid -19	Central University of Jammu and Save the Children	National	11 th ,12 October 2022
2.	Menstrual Health and hygiene of Urban Slum Women: An Exploration of Policies and Programs Response	Co building an Inclusive New Social order :Reflection from Covid -19	Central University of Jammu and Save the Children	National	11 th ,12 October 2022
3.	Conceptualization of Fieldwork in Social Work Education	Co building an Inclusive New Social order :Reflection from Covid -19	Central University of Jammu and Save the Children	National	11 th ,12 October 2022
4.	Domestication of ICTS : Technoference, Parent – Child Relationships and Family Health- A Conceptual Framework	Co building an Inclusive New Social order :Reflection from Covid -19	Central University of Jammu and Save the Children	National	11 th ,12 October 2022
5.	Bio – Phychosocial Model of Internet Addiction:: A Review Study on the Scope of Psychosocial Intervention Among Adolescents in A Post Pandemic Period	Co building an Inclusive New Social order :Reflection from Covid -19	Central University of Jammu and Save the Children	National	11 th ,12 October 2022
6.	Public Sphere and Role of Youth in Deliberative Democracy :Revisiting the Scope in Post Covid Era.	Co building an Inclusive New Social order :Reflection from Covid -19	Central University of Jammu and Save the Children	National	11 th ,12 October 2022

National/International conference/seminar organized

S. No.	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Co building an Inclusive New Social order :Reflection from Covid -19	National	11 th ,12 th October 2022	I. Central University of Jammu II. Save the Children

Centre for Comparative Religion and Civilization

Research Publications in Journals:

S.No.	Name of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Ajay Kumar Singh	The Philosophy of God in Saiva Siddhanta and kashmir Shaivism: A Comparative Approach		Kanpur Philosophers: An International journal of Humanities and Law & Social science	2022-23		ISSN No-2348-8301	
2.	Dr. Ajay Kumar Singh	Traditional marriage system among changthang nomadic of		International journal of applied research	2022-23		ISSN No-2394-7500	
3.	Dr. Ajay Kumar Singh	The conception of Reality and Soul in Mahayana Buddhism: A Study		Humanities and Social Science Review (An International Peer reviewed referred Journal)	2022-23		ISSN No-2349-5928	

Department of English

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Vandana Sharma	Anthropocentrism to Biocentrism: An Ecocritical Study of Mahasweta Devi's <i>Bitter Soil</i>	Vandana Sharma , Tania Shri	<i>Kanpur Philosophers</i> ,	vol.9, Issue 1, 2022.DOI: 10.13140/RG.2.2.35942.91201	Co-author	2348-8301	
2.	Dr. Vandana Sharma	Reclaiming Environment, Revisiting Maldevelopment: A Comparative Study of T.S. Eliot's <i>The Waste Land</i> and Sarah Joseph's <i>Gift In Green</i> .	Vandana Sharma , Kamaljot Kaur	<i>Kanpur Philosophers</i> ,	vol.9, Issue 1, 2022.DOI: 10.13140/RG.2.2.35942.91201	Co-author	2348-8301	
3.	Dr. Vandana Sharma	Paradigms of Gender and Environment Debate in Mahashweta Devi's <i>The Hunt</i> and Douloti the Beautiful	Vandana Sharma , Tania Shri	Adhunik Sahitya. UGC Approved	April June 2022	Co-author	ISSN 2277-7083.	
4.	Dr. Vandana Sharma	Postcolonial Ecofeminism in India : Divergent Trajectories and Emergent_Voices.	Vandana Sharma , Kamaljot Kaur	Aadhunik Sahitya UGC Approved	April June 2022	Co-athor	ISSN 2277-7083.	

5.	Dr. Vandana Sharma	Cultural Issues in English Translation of Bawa Jitto.	Vandana Sharma Shachi Sood	IUP Journal of English Studies. SCOPUS Indexed, EBSCO and UGC CARE List. https://web.p.ebscohost.com/abstract?site=ehost&scope	March 2022	Corresponding author	ISSN 770973372-008	
6.	Dr. Vandana Sharma	43. "Concept of Dowry in Islam and its Practices in North East India". Pgs. 49-57	Dr.M.A.A. Farooq University Research Publications, Ernakulam, Kerala.	<i>Insight: International Multilingual Journal for Arts and Humanities.</i>	<i>Vol.2, Issue 5, July, 2022., Pgs. 49-57</i>	Sole Peer Reviewed and Referred),	<i>ISSN: 2582-8002.</i>	

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether peer reviewed	Whether Sole author /Co-author
1.	Dr. Neena Gupta Vij	<i>Stirring Dull Roots with Spring Rain: Demystifying Women in the Early Poetry of T S Eliot.</i>	Dr. Neena Gupta Vij (Book Author) Saksham Books International	2022	ISBN-978-93-83933-54-9		Sole Author
2.	Dr. Neena Gupta Vij	"The Syncretic Morality of the Mahatama: Conquest through Contrast" in <i>Reading Gandhi: Perspectives in the 21st Century.</i>	Dr. Neena Gupta Vij (Chapter Author) Pencraft International	2022	ISBN-978-93-82178-36-1		Sole Author

3.	Dr. M.A.A. Farooq	<i>Traces of Traceless: An Inconceivable Journey of Mazida Begum (A Biography)</i>	Dr. M.A.A. Farooq Authors Press, New Delhi.	2022	ISBN: 978-93-5529-368-8,		Sole Author
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Publications in Conference Proceedings:

S. No.	Name of the Faculty	Title with Page nos.	Year of pub.. & page nos.	Details of Conference	ISSN/ ISBN No	No. of coauthors	Whether you are the main author
1.	Dr. M.A.A. Farooq	“Interrogating Concepts of Equivalence and Fidelity in Translation: The Context of <i>Umrao Jan Ada</i>” Pgs. 125-129	<i>October 2022</i> <i>Pgs. 125-129</i>	<i>Proceeding of International Conference on Global Trends in English Language, Literature and Linguistics. Special Issue (Peer-reviewed, Refereed and Indexed)-26,.</i>	<i>ISSN (O):2456:6683 , Impact Factor: 5.743</i>	Nil	Sole author

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Vandana Sharma	- What Does the Thunder Say? Three Da's to Shanti Paath " in	22 nd MELOW International Conference on One Hundred Years of TS Eliot held at Goa	MELOW Society	International	23-25 September, 2022.
2	Dr. Vandana Sharma	Appropriating Feminist Paradigms in Transnational Configurations: A Comparative Study of Bharti Mukherjee's <i>Jasmine</i> and Chimamnda Nigozi Adichie's <i>Americanah</i> " in	Comparative Literature Association (ICLA) Congress held at Tibilis, Georgia,	ICLA Congress	International	24-29 July, 2022.
3	Dr. Vandana Sharma	Environment, Literature and Gender: Shakti-Prakriti Paradigm in Indian Literature(s) in an I	International Conference on Redrawing the Boundaries of Ecocritical Discourse: Literary Environmentalism and Plurality of Voices organized by Departement of English, Central University of Jammu in collaboration with ASLE	CUJ and ASLE India	International	21-22 July, 2022.

4.	Dr. Vandana Sharma	Anthropocene and the Global Environmental Crises: An ecocritical Study of Amitav Ghosh's <i>The Nutmeg's Curse</i>	National Seminar On Ecocritical Discourses And The Posthuman Turn	CUJ & ICSSR	National	19-20 January, 2023
5.	Dr. Parveen Kumari	"Dalit life narratives as social biography: a study of Yashica Dutt's Coming Out as Dalit and Suraj Yengde's Caste Matters	"My birth is my fatal accident": Reimagining Dalit aesthetics, resistance and solidarity	Department of Comparative Literature, Jadavpur University	International	3-4 November 2022.
6.	Dr. Parveen Kumari	"Memory as a Dalit discourse network: a study of Suraj Yengde's <i>Caste Matters</i> "	"Memory in a Digital age"	Centre for Memory Studies, IIT Madras	International	23-25 August 2022
7.	Dr. Parveen Kumari	Chaired a session	"Memory in a Digital age"	Centre for Memory Studies, IIT Madras	International	23-25 August 2022
8.	Dr. M.A.A. Farooq	"Interrogating Concepts of Equivalence and Fidelity in Translation: The Context of <i>Umrao Jan Ada</i> "	<i>International Conference on Global Trends in English Language, Literature and Linguistics.</i>	Research Culture Society, Gujarat (India)	International	25-26 October 2022

National/International conference/seminar organized

S. No.	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	International Conference on Redrawing the Boundaries of Ecocritical Discourse: Literary Environmentalism and Plurality of Voices organized by Departement of English, Central University of Jammu in collaboration with ASLE	International	21-22 July, 2022.	CUJ

DEPARTMENT OF HINDI AND OTHER INDIAN LANGUAGES

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Prof. Rasal Singh	Kheti-Kisani aur Rajesh Joshi ki Kavita	Vishwa Bharti Patrika, Shanti Niketan	Nov. 1, 2022	Sole	2348-4977	--
2.	Prof. Rasal Singh	Sanskritidharmi Nibandhakar: Vidya Niwas Mishra.	Aabhyantar, New Delhi	July-Sept. 2022	First Author	2348-7771	--
3.	Prof. Rasal Singh	Vaiswikaran aur Bhartiya Sanskriti.	Samicheen Mumbai	April-June 2022	Second Author	2250-2335	--

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether Sole author /Co-author
1.	Prof. Rasal Singh	Svatantarta sangram mein jammu Kashmir ka yogdan	Vani prakashan	2022	978-93-5518-235-7	Sole Author
2.	Prof. Rasal Singh	Bhartiyta ka kavya bhakti kavya	Vani prakashan	2022	978-93-5518-005-6	Sole Author

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Vandana Sharma	Stri peeda ka akhyan: 'Babal Tera Desh Mein'	Shrinkha Ek shodhparak vaicharik patrika	Dec. 2022	Sole	P:ISSN No. 2321-290X	--
2.	Dr. Vandana Sharma	Adivasi shoshan aur chetna ki gatha(Hul pahadia aur Mahaaranaya mein gidh ke vishesh sandarbh mein)	Samvet	July-Dec 2022	Sole	2321-6131	

Research Publications in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Vinay Kumar Shukla	Hindi Gazal mein prem vyanjana	Ek Nayi Subah	2022, 50-51& 24	Sole	2349-3070	--

Publications other than Journals:

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether Sole author /Co-author
1.	Dr. Vinay Kumar Shukla	GAZAL TRAYODASH	Dr. Vinay Kumar Shukla and Arti Devi & Shvetvaran Publication	2022& 516	978-93-92-617-13-3	Co-Author

Publications Other than Journals:-

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether Sole author /Co-author
1.	Dr. Arbind Kumar Yadav	Jitendra Shrivastav ki pratinidhi kavitayein ek Moolyankan /'Sooraj ko angootha' kavita hone ka arth	Dr. Chain Singh&Kamalkar Publisher pvt. Limited New Delhi	AUG,2022/129-134	987-93-92928-28-4	Sole Author

Papers presented in conferences:

S. No	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Shashankh Shukla	Patkatha lekhan	Film and patkatha lekhan workshop	Mass communication and New media Department	National	1.12.2022

2.	Dr. Shashankh Shukla	Rashtreeya sahitya ki awdharna	Swatantrta aandolan aur rashtreey ekikaran men hindi sahitya ki bhumika	Hindi Department , CUJ	National Seminar	3-4 Nov., 2022
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Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Ratnesh Kumar Yadav	“Swadhinta Ke Sangharsh Mein Hindi ka Yogdan: Uttar Bharat ke Vishesh Sandarbh Mein “	Swadhinta Ke Sangharsh Mein Hindi Ka Yogdan	Hindi Department ,Rajiv Gandhi University ,Rono Hils,Doimukh ,Arunachal Pradesh-	International	14 September, 2022

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Ratnesh Kumar Yadav	Swadheenta andolan aur hindi bhasha	Swadheenta andolan aur rashtriy ekikaran mein hindi bhasha aur sahitya ka yogdan	Department of hindi and Other Indian Languages	National	3-4 November , 2022

National/International conference/seminar organized

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr. Ratnesh Kumar Yadav	(Conference Secretary) “Swadhinta Aandolan Aur Rashtriya Eekikaran Mein Hindi Bhasha Aur Sahitya ka Yogdaan”	National	03-04,November-2022	ICSSR

Department of Environmental Sciences

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Prof. Deepak Pathania	Bioremediation of multifarious pollutants using laccase immobilized on magnetized and carbonyldiimidazole-functionalized cellulose nanofibers,	Science of the Total Environment	2022, 864, 161137	Co-author, Referred	0048-9697	10.75
2.	Prof. Deepak Pathania	Designing of smart nanogels based on tragacanth gum for cisplatin delivery, ,	Polymer International	Nov., 2022,	Co-author, Referred	1097-0126	3.21
3.	Prof. Deepak Pathania	Fabrication of high visible light active LaFeO ₃ /Cl-g-C ₃ N ₄ /RGO heterojunction for solar assisted photo-degradation of aceclofenac,	Journal of Environmental Chemical Engineering	2022, 22133437, 10,	Co-author, Referred	2213-3437	7.96

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub.. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Prof. Deepak Pathania	Vol 1: Electrocatalysts and Energy Storage, Vol 1410	Editor & American Chemical Society	2022	ISBN13: 9780841297821	Peer reviewed	Sole author
2.	Prof. Deepak Pathania	Vol 2: Desalination and Wastewater Remediation, Vol 1411	Editor & American Chemical Society	2022	9780841297814	Peer reviewed	Sole author
3.	Prof. Deepak Pathania	Chemical methods for the treatment of biological hazardous waste, Waste management and resources cycling in the developing world	Author & Elsevier	521-538, 2022	-	Peer reviewed	Sole author

Papers presented in conferences:

S.No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Prof. Deepak Pathania	Recent advances in Sb ₂ Se ₃ solar cell absorber materials and devices	Recent trends in Bio and Material Sciences	SPU, Mandi	International	11-12 October 2022
2.	Prof. Deepak Pathania	Role of NEP-2020 and scientific research during Azadi ka Amrit Mahotsav	MEP-2020	Central University of Himachal Pradesh	University Level	8 August, 2022

National/International conference/seminar organized

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Prof. Deepak Pathania	Recent trends in Bio and Material Sciences	International	11-12 Oct., 2022	DST

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of the Authors	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Prof. Sunil Dhar	Landuse /land cover changes and its implication on soil erosion in an ecologically sensitive Himachal Himalayan watershed, Northern India	Manthena Prashanth, Arun Kumar, Sunil Dhar, Omkar Verma, Shashi Kant Rai and BeenaKouser	Frontiers in Forests and Global Change	2023, 6:1124677	Co-author	2524-893X	4.332
2.	Prof. Sunil Dhar	Impact of Agricultural Practices on riverine water quality of Tawi river basin, Western Himalayas, J&K	Gagandeep Kour, Rubia Kouser, Sunil Dhar, Deepak Pathania and Richa Kothari	ENVIS Bulletin Himalayan Ecology	2022, 30, 145-148	Co-author	ISSN: 2455-6815	NIL

Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Prof. Sunil Dhar	Glacio-hydrometeorology and paleo history of the Brahma group of glaciers, Chenab Basin	DST	2019-2022	60 Lakhs	
2.	Prof. Sunil Dhar	Preparation of PRI based Geo referenced biodiversity assessment documentation and conservation plan of wild flora and fauna of Kishtwar High Altitude National Park (KHANP)	National Development Foundation	2022 onwards	20 Lakhs	
3.	Prof. Sunil Dhar	Water conservation and harvesting strategies in Himalayas	Consortium of Central Universities in Himalayan states NITI Ayaog	2022	5 Lakhs	

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Prof. Sunil Dhar	GLOF: A potential threat in Himalaya	Workshop	NIDM	National	21 Sep, 2022
2.	Prof. Sunil Dhar	Development of moraine dammed lakes in the higher Himalayan region and its implications on the Geo environment of the region	Short term course on Disaster Management	UGC- HRDC Center Himachal Pradesh University, Shimla	National	2022
3.	Prof. Sunil Dhar	Rapid expansion of a Proglacial Lake in Kishtwar district, J&K, UT, India	Frontiers in Geo Sciences Conference, 2023	PRL Ahmedabad, India	National	1-3, Feb, 2023
4.	Prof. Sunil Dhar	Contemporary geomorphological changes and glacial retreat in Chandra basin of Lahaul -Spiti, Himachal Pradesh, India	National Conference on Sustainable Environment: Water-Health Agriculture-Climate Nexus	Department of Environmental Sciences, CU Jammu	National	15-16 Sept, 2022

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Richa Kothari	Recycling of platinum group metals from exhausted petroleum and automobile catalysts using bioleaching approach: a critical review on potential, challenges, and outlook	Reviews in Environmental Science and Bio/Technology (Netherlands)	Year: 2022 pp: 1035-1059	Co-author	Electronic ISSN: 1572-9826 Print ISSN: 1569-1705	14.284
2.	Dr. Richa Kothari	Effect of supplementing biochar obtained from different wastes on biochemical and yield response of French bean (<i>Phaseolus vulgaris</i> L.): An experimental study	Biocatalysis and Agricultural Biotechnology (Netherlands)	Year: 2022 pp: 102432	Co-author & corresponding author	Online ISSN: 1878-8181	4.2
3.	Dr. Richa Kothari	Utilization of <i>Chlorella pyrenoidosa</i> for remediation of common effluent treatment plant wastewater in coupling with Co-relational study: An experimental approach.	Bulletin of Environmental Contamination and Toxicology (United States)	Year: 2022 pp: 1-11	Co-author & corresponding author	Online ISSN: 1432-0800 ISSN: 0007-4861	2.6
4.	Dr. Richa Kothari	Explicating the fertilizer potential of anaerobic digestate: Effect on soil nutrient profile and growth of <i>Solanum melongena</i> L.	Environmental Technology & Innovation	Year: 2022 pp: 102471	Co-author	Online ISSN: 2352-1864	7.7

5.	Dr. Richa Kothari	Phase change materials integrated solar desalination system: An innovative approach for sustainable and clean water production and storage	Renewable and Sustainable Energy Reviews	Year: 2022 pp: 112611	Co-author	Online ISSN: 1879-0690 Print ISSN: 1364-0321	16.7
6.	Dr. Richa Kothari	Editorial: Emerging Feedstocks & Clean Technologies for Lignocellulosic Biofuel	Frontiers in Energy Research	Year: 2022 pp: 972074	Sole author & corresponding author	ISSN: 2296-598X	3.8
7.	Dr. Richa Kothari	Experimental investigation of designed solar parabolic concentrator based desalination system for textile industry wastewater treatment	Energy and Environment	Year: 2022 pp: 870-896	Co-author	ISSN: 0958305X, 20484070	3.1
8.	Dr. Richa Kothari	Impact of agricultural practices on riverine water quality of Tawi river basin, Western Himalayas, J&K	ENVIS Centre of Himalayan Ecology	Year: 2022 pp:145-148	Co-author & corresponding author	ISSN: 0971-7447	---

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
Books							
1.	Dr. Richa Kothari	Biomass, Bioenergy & Bioeconomy (Book)	Editors: Kothari, R., Singh, A., Arora, N.K. Publisher: Springer, Singapore	Year: 2022	Print ISBN: 978-981-19-2911-3 Online ISBN: 978-981-19-2912-0	Yes	Sole author & corresponding author
2.	Dr. Richa Kothari	Algal Biofuel: Sustainable Solution (Book)	Editors: R Kothari, VV Pathak, VV Tyagi Publisher: CRC Press	Year: 2022 Pages: 43	Online ISBN: 9781003363231	Yes	Sole author & corresponding author
Book Chapters							
3.	Dr. Richa Kothari	Biomass Utilization for Biodiesel Production: A Sustainable Technique to Meet Global Fuel Demands and Future Scope	Editors: Kothari, R., Singh, A., Arora, N.K. Publisher: Springer, Singapore	Year: 2022 pp: 3-24	Print ISBN: 978-981-19-2911-3 Online ISBN: 978-981-19-2912-0	Yes	Co-author & corresponding author
4.	Dr. Richa Kothari	Biomass to Energy: Scope, Challenges and Applications	Editors: Kothari, R., Singh, A., Arora, N.K. Publisher: Springer, Singapore	Year: 2022 pp: 25-39	Print ISBN: 978-981-19-2911-3 Online ISBN: 978-981-19-2912-0	Yes	Co-author & corresponding author

5.	Dr. Richa Kothari	Bioenergy: Technologies and Policy Trends	Editors: Kothari, R., Singh, A., Arora, N.K. Publisher: Springer, Singapore	Year: 2022 pp: 209-231	Print ISBN: 978-981-19-2911-3 Online ISBN: 978-981-19-2912-0	Yes	Co-author
6.	Dr. Richa Kothari	Algal Biofuel: Global Policies and Their Implication	Editors: Kothari, R., Singh, A., Arora, N.K. Publisher: Springer, Singapore	Year: 2022 pp: 249-260	Print ISBN: 978-981-19-2911-3 Online ISBN: 978-981-19-2912-0	Yes	Corresponding author
7.	Dr. Richa Kothari	Climate Change and Renewable Energy: Improvements and Interpretations for Sustainable Development	Editors: R C Sobti, Sandeep K. Malhotra, Kamal Jaiswal, Sanjeev Puri Publisher: CRC Press	Year: 2022 pp. 265-283	Online ISBN: 9781003220824	Yes	Corresponding author
8.	Dr. Richa Kothari	Application of Green Energy for Drying of Food Products	Editors: Tripathi, D., Sharma, R.K., Öztop, H.F. Publisher: Springer, Singapore	Year: 2022 pp: 51–81	Print ISBN978-981-19-5200-5 Online ISBN978-981-19-5201-2	Yes	Co-author

Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Dr. Richa Kothari	Thermal Energy Storage for Food/Grain Drying with CST/RE to Lower Pollution” (DST/INT/AUS/P-76/2020)	DST-FIST, Govt. of India (With Lovely Professional University)	3 years	Rs 59,15615	(Ongoing)

2.	Dr. Richa Kothari	Preparation of PRI based geo-referenced Biodiversity assessment, documentation and conservation plan of wild flora and fauna of Kishtwar High Altitude National Park (KHANP)	Department of Wild Life protection, Government of J&K (UT)	2 years	20	(Ongoing)
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National/International conference/seminar organized

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr. Richa Kothari	Sustainable Environment: Water-Health-Agriculture-Climate Nexus	National	15 th 16 th September 2022	NABARD, Adani Green Energy Limited

Any Other:

Invited lecture:

S. No.	Name of the Faculty	Title	Event	Organized by	Date
1.	Dr. Richa Kothari	Micro Teaching	Refreshing course on "Publication and Research Ethics" (25 November, 2022)	UGC-Human Resource Development Centre, Doctor Harisingh Gour Vishwavidyalaya, Sagar (MP)	25 November, 2022

Guest Editor in Special Issue:

S. No.	Name of the Faculty	Title	Journal	Year	Impact Factor
1.	Dr. Richa Kothari	Sustainability in Bioeconomy: Post COP26 challenges and opportunities	Renewable and Sustainable Energy Reviews	2022	16.79

Research Publication in Journals

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Lt. Dr. Pankaj Mehta	Human Health Risk Assessment and Pollution Index of Groundwater in Jammu Plains of India: A Geospatial Approach	Chemosphere	November 2022 313 137329	Corresponding author	1879-1298	8.9
2.	Lt. Dr. Pankaj Mehta	Glacier Retreat analysis in the context of climate change impact over the Satopanth (SPG) and Bhagirathi- Kharak (BKG) Glaciers in the Mana Basin of the Central Himalayas, India	Geosystems and Geoenvironment	December,2022 2 100128	Co-author	2772-8838	2.2

Awards/Fellowship from academic bodies

S. No.	Name of the Faculty	Programme/Fellowship	Awarded by	Year of Award
1.	Lt. Dr. Pankaj Mehta	Commissioned as Gazetted Officer (ANO, NCC)	NCC, Ministry of Defence, GOI	October, 2022

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national / state/regional / college or university level	Dates & Years
1.	Lt. Dr. Pankaj Mehta	Panchmahabhoot- Balance of Life and Nature	SumangalamPanchmahabhoot	Siksha O Anusandhan University, Bhubaneswar, Orissa	International	3 rd and 4 th December, 2022
2	Lt. Dr. Pankaj Mehta	A Comparative study of Municipal Solid Waste Management in Rural and Urban Areas of UT of J&K, India: A Questionnaire Based Survey	World Environment Summit, 2022	Environment and Social Development Association, Delhi	International	15 th and 16 th October, 2022
3	Lt. Dr. Pankaj Mehta	Municipal Solid Waste Management in Jammu City: Challenges to Sustainability	National Conference on Sustainable Environment: Water-Health-Agriculture-Climate Nexus	Central University of Jammu	University Level	15 th – 16 th September, 2022

4	Lt. Dr. Pankaj Mehta	Rivers and Life: Two sides of same coin	National Conference on Sustainable Environment: Water-Health-Agriculture-Climate Nexus	Central University of Jammu	University Level	15 th – 16 th September, 2022
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National/International conference/seminar organized

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Lt. Dr. Pankaj Mehta	National Conference on Sustainable Environment: Water-Health-Agriculture-Climate Nexus	National	15 th – 16 th September, 2022	CUJ, NABARD, Adani Group
2.	Lt. Dr. Pankaj Mehta	Role of Youth in Nation Building	National	07-12-2022	Nilgiri College of Art and Science, Thaloor Tamil Nadu
3.	Lt. Dr. Pankaj Mehta	“Lunar Exploration, Coordination and Sustainability”	National	20-07-2022	Satish Dhawan Centre for Space Sciences, Central University of Jammu
4.	Lt. Dr. Pankaj Mehta	Unification of India as a Nation	National	31-10-2022	Govt. Degree College Poonch, J&K

Patents:

S. No.	Name of the Faculty	Title	National/International	Awarded/Granted by	Year
1.	Lt. Dr. Pankaj Mehta	KASHI 2 KASHMIR VIA JAMMU (K2KVJ)	National	Copyright office, GOI New Delhi	04-07-2022
2.	Lt. Dr. Pankaj Mehta	Chai of Campus, (MurrayaKoenigii Tea), Central University, Jammu	National	Copyright office, GOI New Delhi	31-08-2022

Any Other:

- PRCN Course at OTA Kamptee (August, 2022 to October, 2022) and successfully completed the training and commissioned as Lieutenant in the NCC, Ministry of Defence, GOI.
- Invited talk on “Disaster Management and Green Buildings” in CATC/Pre RDC Camp at NCC Camping Ground Nagrota (15th– 22ndDecember, 2022)
- Invited lecture on “Unification of India as a Nation” organised by Govt. Degree College Poonch on the occasion of National Unity Day(31-10-2022)
- 4th JK Bn NCC CUJ under the leadership of Lt. Dr. Pankaj Mehta participated in Blood donation camp organised by Govt. Hospital Gandhinagar, Jammu on 25-11-2022
- 4th JK Bn NCC CUJ under the leadership of Lt. Dr. Pankaj Mehta celebrated 74thNCC Day organised by NCC Unit, CUJ on 27-11-2022
- 4th JK Bn NCC CUJ under the leadership of Lt. Dr. Pankaj Mehta celebrated National Armed Force Flag Day organised by NCC Unit, CUJ on 07-12-2022
- Lt. Dr. Pankaj Mehta delivered an invited talk on PM Mann Ki Baat which was broadcasted on All India Radio (100.3 FM) (31-07-2022)

Department of Zoology

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Shvetambri Jasrotia	Status and scope of conventional morphometry and its integration with bar coding in J&K fisheries	Current World Environment	Dec 2022, Vol 17, Pg. 765 - 794	Co-author	ISSN No. 0973-4929	NAARS rating- 5.37

Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Dr. Shvetambri Jasrotia	Investigating the Role of Spodoptera litura CYP3 gene clan in detoxification of Phytochemicals by creating the gene knockouts	SERB	3 years	In process	No
2.	Dr. Shvetambri Jasrotia	Microplastics impacting the freshwater bodies of Jammu province and their implications on the fauna	JKDST	1year	In process	No
3.	Dr. Shvetambri Jasrotia	Morphometric and molecular characterization of fishes of river Chenab, Jammu (J&k).	JKDST	1year	In process	No

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Shvetambri Jasrotia	Ichthyofaunal diversity of Jammu region	Sewachan-2022	Dept. of Env. Science- CUJammu	National	15th -16th September

National/International conference/seminar organized

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr. Shvetambri Jasrotia	ETGMB-2022	National	28th-29th September	CU-Jammu

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1	Dr. Anjali Dhar	Microplastics Pollution Load in Sundarban Delta of Bay of Bengal	Journal of Hazardous Materials Advances	2022 7/ 100099	Co-author	2772-4166	14.22

Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Dr. Anjali Dhar	Investigating the Role of Spodoptera litura CYP3 gene clan in detoxification of Phytochemicals by creating the gene knockouts	SERB	3 years	In process	No
2.	Dr. Anjali Dhar	Microplastics impacting the freshwater bodies of Jammu province and their implications on the fauna	JKDST	1year	In process	No
3.	Dr. Anjali Dhar	Morphometric and molecular characterization of fishes of river Chenab, Jammu (J&k).	JKDST	1 year	In process	No

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Anjali Dhar	In-silico analysis of phytochemicals against Ecdysone-Receptor of Spodoptera-litura.	Biodiversity, Climate change and Food Security for Livelihood with Multidisciplinary Approach for Sustainable Development	GDC-Doda	National	3rd & 4th August 2022
2.	Dr. Anjali Dhar	Administering Nano Technology in agriculture Sciences	ETGMB-2022	Center for Molecular biology-CUJ	National	28th-29th September
3.	Dr. Anjali Dhar	Insilico study of eriyobotrya japonica phytochemicals as potential insecticidal agent targeting Acetylcholinesterase enzymes of Spodoptera litura.	Sewachan-2022	Dept. of Env. Science-CUjammu	National	15th -16th September
4.	Dr. Anjali Dhar	Microplastic Pollution in Mountain Terrains and foothills Highlighting their source, Extraction and Distribution in Remote areas	Sewachan-2022	Dept. of Env. Science-CUjammu	National	15th -16th September

National/International conference/seminar organized:

S. No.	Name of the Faculty	Title of conference/Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr. Anjali Dhar	ETGMB-2022	National	28th-29th September	CU-Jammu

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Vinita Sharma	Age estimation of Tiger Panthera tigris (Linnaeus, 1758) and Lion Panthera leo (Linnaeus, 1758) (Mammalia: Carnivora: Felidae): applicability of cementum annuli analysis method.	Journal of Threatened Taxa NAAS rating (India) 5.56	2022, Volume 14 (9)	Co-author Refereed	ISSN: 0974-7907 (Online)	NAAS rating (India) 0.56
2.	Dr. Vinita Sharma	Kleptoparasitic interaction between Snow leopard and Red fox suggested by circumstantial evidence in Pin Valley National Park, Himachal Pradesh, India.	Journal of Threatened Taxa	2022, Volume 14 (10)	Co-author Refereed	ISSN: 0974-7907 (Online)	NAAS rating (India) 0.56

3.	Dr. Vinita Sharma	Avian Haemosporidian (Plasmodium and Haemoproteus) Status in Two Bird Groups (Old-World Flycatchers and Thrushes) of India and Their Phylogenetic Relationships with Other Lineages of the World.	Acta Parasitologica	2022, Volume 67 (4): 1756-1766	Co-author Refereed	ISSN: 1896-1851 (Online)	1.44
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Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Dr. Vinita Sharma	Study and documentation of assessment and mitigation of human-wild animal conflict in and around KHANP” component of Mega Project as Consortium namely “PRI (Primary Reference Image) based geo-referenced Biodiversity Assessment, Documentation and conservation plan of wild flora and fauna of Kishtwar High Altitude National Park [NDF/KHANP/2021/01]” (Consultancy cum Research)	Department of Wildlife Protection, Government of Jammu and Kashmir	12 Months	INR 2,50,000	Policy document, having outcome in future

Department of Botany

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Prof. Brij Mohan Singh Bhau	Indirect organogenesis-mediated high frequency conversion of non-embryonic synthetic seeds, essential oil profiling and antibacterial activity in genetically stable plants of Patchouli.	3 Biotech	2022 Dec;12(12):349 10.1007/s13205-022-03302-3.	Co-author/ refereed	Online ISSN 2190-5738	2.893
2.	Prof. Brij Mohan Singh Bhau	Hydrogen sulphide-mediated alleviation and its interplay with other signalling molecules during temperature stress	Plant Biology	24(4):569-575. doi: 10.1111/plb.13406.	Co-author/ refereed	Online ISSN: 1438-8677	3.877

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub..&page nos.	ISSN/I SBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Prof. Brij Mohan Singh Bhau	Role of carbon dots in agricultural systems: biotechnology and nanotechnology approach	Raju Khan, S. Murali, Satyabrat Gogoi, Elsevier, Academic Press	2022; 225-240. doi.org/10.1016/B978-0-323-90260-1.00012-7.	9780323902601	Peer Reviewed	Corresponding Author

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Prof. Brij Mohan Singh Bhau	Isolation and characterization of plant growth promoting rhizobia from rhizospheric soil of <i>Phaseolus vulgaris</i> L.	National conference on promoting applied research in plant science	Department of Botany Central University of Jammu	National	9-10 th Nov, 2022
2.	Prof. Brij Mohan Singh Bhau	Exploring the in vitro drought tolerance and biochemical characterization of PGPR (Plant Growth Promoting Rhizobia) isolated from rhizosphere of the common bean (<i>Phaseolus vulgaris</i> L.) in Bharderwah region of J&K	National conference on promoting applied research in plant science	Department of Botany Central University of Jammu	National	9-10 th Nov, 2022

National/International conference/seminar organized: N/A

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Prof. Brij Mohan Singh Bhau	National conference on promoting applied research in plant science	National	9-10 th Nov, 2022	CUJ

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Vikas Srivastava.	Shreenivas Kumar Singh, Ankita Shree, Sandhya Verma, Kunal Singh, Kamal Kumar, Vikas Srivastava , Ritu Singh, Samiksha Saxena, Agam Prasad Singh, Ashutosh Pandey, Praveen Kumar Verma, The nuclear effector ArPEC25 from the necrotrophic fungus <i>Ascochyta rabiei</i> targets the chickpea transcription factor CaβLIM1a and negatively modulates lignin biosynthesis, increasing host susceptibility,	The Plant Cell	2022, koac372, https://doi.org/10.1093/plcell/koac372	Co-author/ refereed	Online ISSN 1532-298X Print ISSN 1040-4651	12.085

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title of Book/Chapter	Editor & publisher	Year of pub. & page nos.	ISSN/ISBN No.	Whether peer reviewed.	Whether Sole author /Co-author
1.	Dr. Vikas Srivastava.	Plant Transcription Factors: Contribution in Development, Metabolism, and Environmental Stress(Edited Book)	Vikas Srivastava , Sonal Mishra, Shakti Mehrotra, Santosh Upadhyay, Elsevier, Academic Press	2022	9780323908276	Peer Reviewed	First Editor

2.	Dr. Vikas Srivastava.	Chowdhary AA, Mishra S, Mehrotra S, Upadhyay SK, Bagal D, Srivastava V. Plant transcription factors: an overview of their role in plant life. (Book Chapter)	Vikas Srivastava, Sonal Mishra, Shakti Mehrotra, Santosh Upadhyay, Elsevier, Academic Press	2022	9780323908276	Peer Reviewed	Corresponding Author
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Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Dr. Vikas Srivastava.	Development of plant hairy root systems to investigate biosynthetic pathways for triterpene saponin vaccine adjuvants (Ongoing as Royal Society-Newton International Fellow).	The Royal Society, UK	2 Years	£134,962.00 (136.3 Lakhs INR)	No

Papers presented in conferences:

Sr. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Vikas Srivastava.	Chowdhary, A.A. and Srivastava, V. Elucidation of H ₂ S metabolism in <i>Solanum lycopersicum</i> and its significance in stress. (Awarded First Prize in poster category)	National conference on promoting applied research in plant science	Department of Botany Central University of Jammu	National	9-10 th Nov, 2022

2.	Dr. Vikas Srivastava.	Bagal, D., Rathore, S., and Srivastava., V. Cross talk of nitric oxide with phytohormones under abiotic stress.	National conference on promoting applied research in plant science	Department of Botany Central University of Jammu	National	9-10 th Nov, 2022
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Any Other:

1. Participated in - Royal Society Science Policy Primer (27 – 29 September 2022) at The De Vere Horsley Estate, Surrey, UK

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Samantha Vaishnavi	Comprehending the evolution of gene editing platforms for crop trait improvement	Frontiers in Genetics	August 2022, vol. 13	Co-author; Refereed	1664-8021	4.772

Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1.	Dr. Samantha Vaishnavi	Network Programme for Enrichment and Update of Database on Genome Related Information for Indian Spermatophyta and Archegoniatae Taxa- Phase II	Department of Biotechnology, GoI	(2021-24)	33,60,480/-	Database is being created for public use

2.	Dr. Samantha Vaishnavi	Effect of developmental activities on vegetation composition and floral diversity in district Samba'	Jammu & Kashmir Science Technology & Innovation Council, (JKST&IC) J&K DST	2021-23	7,49,000/-	----
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Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/no n refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Deepak Bhardwaj	Emerging role of small GTPases and their interactome in plants to combat abiotic and biotic stress.	Protoplasma	2022 Dec 16. doi: 10.1007/s00709-022-01830-6.	Corresponding author	1615-6102	3.4

Consultancies project

S.No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)	Whether Policy Documents/Patent as outcome
1	Dr. Deepak Bhardwaj	Chief Arborist and Horticulturist	Kady Pow Inc.		1 Lakh	

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/ college or university level	Dates & Years
1.	Dr. Deepak Bhardwaj	Diversity Of Pea G-Protein gamma subunit confers abiotic and biotic stress tolerance	International Conference on Emerging Trends in Biosciences and Chemical Technology2022 (ETBCT-2022)	School of Biotechnology, Sri Mata Vaishno Devi University, Katra in collaboration with Indian Institute of integrative medicine- CSIR and BRSI	International	3 rd – 5 th December 2022

Center for Molecular Biology

National/International conference/seminar organized:

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Prof. Mushtaq Ahmad	National Conference on Emerging Trends in Genetics Engineering and Molecular Biology	National	28-29 September 2022	JKDST/CUJ

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Audesh Kumar Bhat	Role of Transposable Elements in Genome Stability: Implications for Health and Disease.	International Journal of Molecular Sciences	2022, 23, 7802-15	First and corresponding author/referred	1422-0067	6.28
2.	Dr. Audesh Kumar Bhat	Role of genetic, environmental, and hormonal factors in the progression of PCOS: A review	Reproductive Healthcare and Medicine	2022, 3, 3	Co-author/non-referred	2768-1106	0

3.	Dr. Audesh Kumar Bhat	Cisplatin-based combination therapy for Cancer.	Journal of Cancer Research and Therapeutics	Accepted	Co-author/referred	0973-1482	1.33
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Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of journal (with city/country)	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN	Impact Factor
1.	Dr. Ashok Kumar Yadav	Probiotics as a biotherapeutics for the management and prevention of respiratory tract diseases	Microbiology and Immunology (United States)	Corresponding author	0385-5600	2.962
2.	Dr. Ashok Kumar Yadav	Advanced diagnostic methods for identification of bacterial foodborne pathogens: contemporary and upcoming challenges	Critical Reviews in Biotechnology (United Kingdom)	Corresponding author	0738-8551	9.062
3.	Dr. Ashok Kumar Yadav	Expression of heterologous heparan sulphate binding protein of Helicobacter pylori on the surface of <i>Lactobacillus rhamnosus</i> GG	3 Biotech (Switzerland)	First and Corresponding author	2190-5738	2.893

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title	Editor & publisher	ISSN/ISBN No.	Whether peer reviewed.	No. of Co-authors and Date of Publication	Whether you are the main author
1.	Dr. Ashok Kumar Yadav	Detection of Myeloperoxidase Activity by Enzyme Linked Immunosorbent Assay	Anderson Sant'Ana (Springe Nature)	978-1-0716-2508-8	Yes	04 (25 th August 2023)	Correspondin g author
2.	Dr. Ashok Kumar Yadav	In Vivo Evaluation of Adhesion Properties of Probiotics	Anderson Sant'Ana (Springe Nature)	978-1-0716-2508-8	Yes	04 (22 nd August 2022)	Correspondin g author
3.	Dr. Ashok Kumar Yadav	Occurrence, Detection, and Management of T-2 Toxin and HT-2 Toxin in Food and Feed	Pradeep Kumar, Madhu Kamle, Dipendra Kumar Mahato (CRC Press)	9781003242208	Yes	04 (20 January 2023)	Correspondin g author
4.	Dr. Ashok Kumar Yadav	Detection and Management of Ergot Alkaloids and Their Therapeutic Applications	Pradeep Kumar, Madhu Kamle, Dipendra Kumar Mahato (CRC Press)	9781003242208	Yes	04 (20 January 2023)	Correspondin g author

Research Projects:

S. No.	Name of the Faculty	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)
1.	Dr.Ashok Kumar Yadav	To investigate the protective role of extracellular vesicles derived from probiotic strain of lactobacilli against atopic dermatitis and acne vulgaris	ICMR, New Delhi	3 years	56.0

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1	Dr. Praveen Kumar Mehta	Geobacillus thermoleovorans MTCC 13131: An Amide-Hydrolyzing Thermophilic Bacterium Isolated from a Hot Spring of Manikaran.	Indian J Microbiol	2022, 62, 618–626	Co author/ Referred	0046-8991	2.4

National/International conference/seminar organized

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr.Praveen Kumar Mehta	Emerging trends in Genetic Engineering and Molecular Biology	National	28th-29th September, 2022	Central University of Jammu and J & K Science, Technology and Innovation Council Department of Science and Technology

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr. Shelly Sehgal	Assessing long non-coding RNAs in tobacco-associated oral cancer	Current Cancer Drug Targets	2022, 22(11)	Co-author	1568-0096	2.912
2.	Dr. Shelly Sehgal	Quantitative real-time PCR for the analysis of viral load among Hepatitis C Virus positive patients attending the medical Out Patient Department at a north Indian tertiary care centre	Research Journal of Biotechnology	2022, 17(7):13-148	Co-author	0973-6263	0.3

3.	Dr. Shelly Sehgal	Advances in molecular virology and diagnostics of hepatitis C virus	Malayasian Journal of Biochemistry and Molecular Biology	2022, (1):68-76	Co-author	2600-9005	NA
4.	Dr. Shelly Sehgal	Analysis of aberrant promoter methylation of fibulin-1 gene in esophageal squamous cell carcinoma; Epigenetics of fibulin-1 in ESCC	Research Journal of Biotechnology	2022, XX:XX	First Author	0973-6263	0.3

National/International conference/seminar organized

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr. Shelly Sehgal	National Conference on Emerging Trends in Genetic Engineering & Molecular Biology (ETGMB- 2022)	National	28 th -29 th September 2022	JKSTIC

Department of National Security Services

Publications other than journal articles (books, chapters in books):

S. No.	Name of the Faculty	Title	Editor & publisher	ISSN/ISBN No.	Whether peer reviewed.	No. of Co-authors and Date of Publication	Whether you are the main author
1.	DR. Neeta Rani	“Current Status and Future Prospective on Different Generations of Biofuel Production” in the book titled Sustainable Butanol Biofuels (Written & Contributed on Energy Security in India part)	Anita Singh, Richa Kothari, Somvir Bajar, Vineet Veer Tyagi CRC Press (Taylor & Francis)	978-0-367-76077-9	Yes	06/2023	No

Papers presented in conferences:

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr. Neeta Rani	“Sustainable Energy Security for Central Asia: A Study of Kazakhstan and Turkmenistan”	“Sustainable Development: Water-Health-Agriculture-Climate Nexus (SEWHACN-2022)”	Department of Environmental Sciences, Central University of Jammu from	National	15-16 September 2022

2.	Dr. Neeta Rani	“India’s Role in Fostering Global Partnership During Covid19”	Two Days Virtual International Conference on India and Post Covid-19 International Relations: Prospects and Challenges	CoE-Public Policy Research & School of Liberal Arts and Humanities, Woxen University, Hyderabad, Telangana in association with Forum for Global Studies	International	14-15 th December 2022
3.	Dr. Neeta Rani	“Vasudhaiva Kutumbakam: India’s Soft Power Diplomacy in the Pandemic”	Two Days Virtual International Conference on India and Post Covid-19 International Relations: Prospects and Challenges	organised by CoE-Public Policy Research & School of Liberal Arts and Humanities, Woxen University, Hyderabad, Telangana in association with Forum for Global Studies	International	14-15 th December 2022

Additional Information:-

The research paper has been submitted to the scopus indexed journal for publication.

Research Publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr.R. Sudhakar	WMD Terrorism and South Asian Security: Challenges and Options	Journal of the Asiatic Society of Mumbai	Volumes. 95: 2022 P.No. 19-25	Sole Author/ refereed	0972-0766	-

National/International conference/seminar organized

S. No.	Name of the Faculty	Title of conference/ Seminar	Whether international / national/ state/regional/college or university level	Dates & Years	Sponsored by
1.	Dr.R. Sudhakar	Co-Convener Major Security Challenges in View of Emerging 5G Technology”	State level Two Days Capacity Building Workshop for Police Personnel’s, Jammu and Kashmir Police	14 th -15 th October 2022	Police Technical Training Institute, Jammu and Kashmir Police

Session Chair and Moderation in Seminar/Conference/Workshops

S. No.	Name of the Faculty	Title of the Paper presented	Title of conference / Seminar	Organized by	Whether international / national/ state/regional/college or university level	Dates & Years
1.	Dr.R. Sudhakar	Moderator Technical Session On Two Days Capacity Building Workshop on “Major Security Challenges in View of Emerging 5G Technology”	Major Security Challenges in View of Emerging 5G Technology”	Department of National Security Studies, central University of Jammu in collaboration with Police Technical Training Institute, Jammu and Kashmir Police	State Level	14 th -15 th October 2022
2.	Dr.R. Sudhakar	Chaired Technical Session On Vulnerable Minorities	“Co-building an Inclusive New Social Order: Reflections from covid-19”	Department of Social Work, Central University of Jammu in collaboration with Save the Children and UNHCR.	National	11 th & 12 th October 2022

Online Courses registered/Completed through Swayam;

S. No.	Name of the Faculty	Name of the Course	Course officering Institute	Duration	Completed/Ongoing
1.	Dr.R. Sudhakar	Learning Management System MOODLE	National Institute For Technical Teachers Training And Research, Chennai	4 Weeks	Ongoing (Exam Scheduled in February)
2.	Dr.R. Sudhakar	UGC Approved Short Term Professional Development Programme on “Implementation of NEP-2020 for University and College Teachers”	Jointly offered by UGC and Indira Gandhi National Open University (IGNOU), Staff Training and Research Institute of Distance Education	21 st -31 st December 2022	Completed

Research Paper Submitted for publication in Journals:

S. No.	Name of the Faculty	Title of research article/papers	Name of Journal	Year of pub., vol. no. & page nos.	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN No.	Impact Factor
1.	Dr.R. Sudhakar	“India and the Geo-Political Construct of the Indo-Pacific: Analysing its Strategic Aims in the Region”	India Quarterly: A Journal of International Affairs Published by Sage Journals (indexed in ‘International Political Science Abstracts’ and ‘ABC of Political Science’ and Scopus).	Under Review	Co-Author/ refereed	ISSN: 0974-9284 Online ISSN: 0975-2684	

Department of Mass Communication and New Media

Research Publication in Journals:

S. No.	Name of Faculty.	Title of research article/papers	Name of journal (with city/country)	Whether Sole author /Co-author/ Whether refereed/non refereed	ISBN /ISSN	Impact Factor
1.	Dr. Manish Prakash.	Film Stars and Social media in India: Traversing the Space of Virtual Fandom	Mass Communicator, New Delhi, India	Sole Author	0973-9688	4.159 (2016)
2.	Dr. Manish Prakash.	Cinematic Tourism of Jammu and Kashmir post revocation of Article 370: A Study of Sudhir Mishra's 'Tanaav'	Rethinking Tourism to strive for sustainable and Community Induced Growth	Central University of Jammu		30th Nov, 2022.
3.	Dr. Bachha Babu.	Trends in Adopation rate of OTT platforms in india and correlating it with diffusion of innovation theory.	SCOPUS	Sakshi Negi, Dr. Bachha Babu.	1556-5068	26th Oct, 2022.
4.	Dr. Bachha Babu.	Community media, A new phase of women empowerment in india: A case study of Kanchenjunga 91.2FM.	SSRN, Elsevir (SCOPUS)	Anju John, Dr.Bachha Babu.	1556-5068	1st Feb, 2023.
5.	Dr. Bachha Babu.	मीडिया स्वतंत्रता मिथक व यघाय	UGC- CARE संवाद पथ, केंद्रीय हिंदी संस्थान, शिक्षा मंत्रालय, भारत सरकार	Dr. Bachha Babu		July 2022 to September 2022.
6.	Dr. Archana Kumari	The Routledge companion to journalism ethics	Ethical space, The International Journal of Communication ethics	Sole Author	1742-0105	2022, 19, 53-54
7.	Dr. Archana Kumari	Analysis of Chinese Marketing in India: A Study of Representation and Consumer Behaviour	Shodh Prabha	First author	0974-8946	2022, 47, 118- 127

8.	Dr. Archana Kumari	Exploring Trauma Literacy Quotient among Indian Journalists and a way forward in Post-Pandemic Era – A Case Study of India	Journalism and Mass Communication Educator	Corresponding Author		Accepted for publication in next issue.
9.	Dr. Archana Kumari	Positioning of Women in Advertisements: Economics of Transformation	ShodhKosh: Journal of Visual and Performing Arts	Sole author	2582-7472	