

17th ANNUAL REPORT (2020-21)

SHRI MATA VAISHNO DEVI UNIVERSITY KATRA, J&K

A State University recognized under Sections 2(f) and 12(B) of UGC Act 1956 Ranked among the top 100 Engineering Institutions and top 150 Universities in the NIRF 2020 Ranking, MHRD, Govt. of India.

Honb'le Vice-Chancellor's Message for Annual Report



Shri Mata Vaishno Devi University

Kakryal, Katra-182320 (J&K) INDIA (A Statutory Technical University of J&K Legislature; recognized u/s 2(f) & 12(B) of UGC)

Prof. (Dr.) Ravinder Kumar Sinha

RS (London), FAZ, FZST, FNIE, FIFST, FAEB, MNASc.

Vice Chancellor

Padma Shri Awardee

The Order of the Golden Ark Awardee (The Netherlands) Recipient of the Swama Jayanti Pururskar (NAST) Member, Cetacean Specialist Group (IUCN) Mob.: 9431073446/94192281008

Tel:(0):01991-285573
Fax:01991-285573
E-mail:vc@smvdu.ac.in
vc.sinha@smvdu.ac.in

Website: www.smvdu.ac.in

Message



It gives me immense pleasure to present the 17th Annual Report of Shri Mata Vaishno Devi University (SMVDU) for the year 2020-21. The report highlights university's achievements, its best academic practices and efficient institutional management.

The university has been imparting quality education through outcome and value based education system, supported by competent and learned faculty members who regularly update their knowledge through participating in national and international conferences, seminars and workshops. The faculty members have also raised the standards of teaching and research through incorporating MOOC courses, chiefly NPTEL & SWAYAM in their routine classroom teaching. The faculty members wisely utilized their Professional Development Assistant (PDA), while participating in international academic events, and they published in high quality journals. This is easier than done that the university has witnessed a huge number of SCI & SCOPUS indexed publications in high H-index and impact journals.

The revised admission policy has attracted better ranking students, enrolled in undergraduate, postgraduate and doctoral programs in different faculties, and the quality of teaching has been improved drastically through upgrading curriculum and student-centric teaching-learning process, transforming traditional classrooms into smart Digital Classroom, and regular faculty interaction with industry and academicians of national and international repute.

I am happy to know that the university is ranked under the top 150 Indian (Engineering) institutions and the top 50 Indian (Architecture) by the NIRF, MHRD ranking. The university has also established itself proudly as a learning seat of academia across the nation, and nowit stands firmly amidst the reputed NITs

and IITs. This is really a milestone, and many others are to be achieved in due course. Also, this is no wonder that many luminaries, such as Presidents, Vice-Presidents and Prime Ministers of India, and other academic figures and leaders of national and international importance frequently visit Shri Mata Vaishno Devi University-the credit goes to the efforts put up by the well-accomplished faculty members and dedicated support staff.

Also, the university organizes various festivals and events which provide a variety of experiences to the students, and inculcate in them the skills of leadership, while showing them the importance of collaboration and teamwork. The university also encourages peer-learning where senior students guide and mentor the younger ones, this practice immensely helps students in their professional and practical life. I consider that students are fortunate to get a quality education under the mentorship of worthy teachers at Shri Mata Vaishno Devi University, where curriculum is prestigious/well funded regularly upgraded to meet the evolving demands of the modern world, while enriching the students learning experience through student-centric teaching methods.

Shri Mata Vaishno Devi University offers handsome fellowships to meritorious students. The university has more than 50 laboratories in different schools, and the entire campus is ICT enabled, along with all basic facilities and amenities come handy. The campus life is epitomized by the popular slogan 'zero pollution, zero politics', and also by its unique location, i.e. situated in a serene environment under the lotus of feet of Mata Bhagavati popularly known as Mata Vaishno Devi. No doubt that the campus is abode of cleanliness, meditative tranquility and natural harmony.

I am assured that the SMVDU fraternity will produce excellent scientists, visionary leaders, competent researchers and teachers in the fields of science, humanities, management and social sciences, who will not only bring laurels to the university but also make the nation proud.

यबीख्य पुन्ना विन्ता

Prof. Ravindra Kumar Sinha

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An Overview of the University

In the year 2022, Shri Mata Vaishno Devi University successfully completes eighteen years of its academic existence. Ever since its inception, the odyssey of this university has been arduous besides being a sublime combination of visioning and re-visioning. Hence, the eighteenth annual report is not only a rigorous exercise of retrospection but also an acute attempt to envisage the future action plan.

The university was established with a foundation grant, and continuing support from Shri Mata Vaishno Devi Shrine Board, the managing body of Shri Vaishno Devi Mata, one of the supreme shrines of north India. Cradled in the foothills of divine Trikuta hills and spreading over a campus of more than 370 acres, the university has picturesque, serene campus with an intellectually stimulating environment for the knowledge seekers to be engaged in a meaningful process of learning and self-realization. In addition to this, the university provides academically motivating ambience for effective research and novelty of thought for the welfare of humanity. To maintain and enhance its teaching and research, the university makes consistent efforts to consolidate, expand and enhance its teaching-learning resources.

The university has been maintaining academic vibrancy with a substantial focus on ethics and social commitment which is reflected in the vast array of activities being held on the campus regularly. The constitution of the Students' Affairs Council in the year 2014 was an attempt to instill organizational and leadership skills in students. Every member of the university is motivated to prioritize collective interests and work progressively towards creating an efficient system. The faculty members are shaping their knowledge and skills to become a repository of creative genius, and students are an infinite reservoir of potential talent and innovation. The introduction of Professional Development Assistance (PDA) for the faculty members is a rare opportunity for the teachers of SMVDU. The university takes pride in stepping into an enviable position of excellence and feels confident that with in next few years the pool of diverse and inquisitive students, the devoted faculty, staff and the alumni would work collectively towards building this educational institution as a 'World Class University' in the vibrant Union Territory of Jammu & Kashmir.

The university provides education and knowledge through five academic faculties, fourteen schools of study, six non-academic cells/centers, and eight academic research centers/cells. The university offers the Ph.D. Degree in thirteenth disciplines which are: Management, Architecture, Economics, Mathematics, Physics, Computer Sciences & Engineering, Chemistry/Chemical Biology, Energy Management, Biotechnology, Languages & Literature, Mechanical Engineering, Electronics & Communication Engineering, Civil and Electrical Engineering, and Philosophy; M. Tech. in four disciplines which are: Electronics and Communication, Mechanical Engineering, Computer Sciences & Engineering and Energy Management; Post Graduation in seven disciplines which are: M.Sc.(Biotechnology, Physics, Mathematics), M.A(Economics) Five years integrated Dual Degree Program, Mathematics, Physics, Biotechnology and Languages & Literature; B. Tech. in six disciplines which are: Electronics and Communication Engineering, Computer Sciences & Engineering, Mechanical Engineering, Energy Management, Civil & Electrical Engineering, B. Architecture. This all is being done in tune with the vision and mission of the university so that human mind follows the path of creativity for the welfare of mankind.





UNIVERSITY AT A GLANCE

1.	Location	Katra, District- Reasi, J&K	38 kms north of Jammu, the winter capital of J&K.
2.	Year of Establishment	12 May, 1999	Established through an act of J&K State Legislature known as "Shri Mata Vaishno Devi University Act (Act no XII) 1999".
3.	Date of Inauguration	19 August, 2004	H.E. Dr. A. P. J. Abdul Kalam, former President of India, delivered the first lecture to the first batch of students.
4.	Total land area	370 acres	A mesmerizing valley symbolizes omniscience of goddess with a view of the abode of mother Durga from each zone.
5.	Zones	5 zones	Administrative zone.
			Academic zone.
			Residential zone for faculty, staff, Girls Hostels & University Guest House.
			Residential zone for boys.
			Recreation zone & Sports complex.
6.	Infrastructure	He <mark>lipad</mark>	Three Helipads.
		Auditorium	Matrika Auditorium with 1000 seating capacity/state-of-the art stage, audio & video projection system.
		Sanskriti Kaksh	A mini auditorium with 400 seating capacity.
		Seminar Halls	Four specially designed seminar halls with 200 seating capacity for special lectures, seminars & other interactive sessions.
7.	Non-Academic Cells/Centres	Telecommunica tion Section	To facilitate the Telecommunication needs of the SMVDU, University had installed latest 4000 V2.0E simplex IP ready Siemens communication server. Through, 576 Analog Extension's (Expandable up to 1392 Extensions), 24 Digital Extensions, 32 trunk lines with CLIP facility on each extension along with 10 JIO numbers with wifi (voice and Data) and Toll free number facility for communication needs. Locking/unlocking, DND, calls Pickup, Call forwarding, Polarity Reversal; add on

conference (3-Party), the EPBAX system is providing24x7 telecommunication services in SMVDU campus

The voice mail is also operational in the system which enables the outsiders to reach any extension with out any help from operator. We have the latest call billing software which keeps the record of all outgoing calls.

All academic Blocks, Administrative building, Central Library, Medical Centre, Essential service offices, All Hostels, Campus, University Entrance, residential complex and external services like Bank, Post office, etc. are connected with our EPABX system through underground cable. This Underground telephone cable is laid in the entire campus to provide the EPABX Extension and BSNL land-line numbers anywhere in the campus as per need.

The upgraded BSNL ISDN (Integrated Service Digital network), 512 line telephone exchange and a mobile tower are installed in the SMVDU campus for explicitly for the university current and potential requirements. This exchange has provided the lease line to various banks in the campus as well as out side the campus. The villagers in the adjoining areas are also taking the advantages of fault free Telecommunication service.

Fourteen direct BSNL Landline connections, Six BSNL GSM and Two Airtel GSM are connected with our EPABX system for round the clock communication links from all extensions. Fifteen BSNL Landline connections are provided to various officers/ offices with Tele-Fax Facility. SMVDU Telecommunication section have recently installed and integrated state of art, two 04 Channel 3G enabled GSM Fixed cellular terminal gateway with our EPABX system for continual communication services to all stockholders of SMVDU.

The Telecommunication Section with two highly trained technical staff provides 24x7, fault free services in SMVDU campus. Beside this, the section also provides a one roof, one

			stop solution for communication needs of all members of SMVDU family by Organizing "SIM MELA", a unique interface between all service providers of JK and SMVDU members. The campus is covered under 4 G services from JIO and process for WI-fi from the direct fiber is in process The telecommunication section is committed to serve the SMVDU and its members with latest technology and services as per the international standards in future also. The section aims to maintain high standards of QoS.
		Network Centre	The Centre has IBM, Sun Solaris and Dell based servers running Various applications with latest software versions like MS-Windows and Red Hat Linux EE.
			The centre has a backbone connectivity of 1 Gbps through NKN and protected internet network through sophisticated devices offering Intrusion detection and prevention, gateway level Virus scanning, Web, Application protection and control, Firewalling, etc.
		Publication & Media Cell	Publication of Prospectus, UG and PG study courses, MBA Brochure, B. Tech. Brochure, Arth Anveksan, Annual Report, Chronicle, Numerous Leaflets, Booklets and Posters, Sharing news of events with staff and faculty. Media Coverage of the events organized in the University.
	f	Gender Sensitization Committee against Sexual Harassment Cell	Gender sensitization and orientation crisis management and mediation formal enquiry and readdressing.
8.		Hindi Cell	Promoting Hindi on Campus.
9.	Number of Faculties	Five	Faculty of Engineering Faculty of Humanities & Social Sciences Faculty of Management

			Faculty of Sciences Faculty of Nursing
10.	Number of Schools	Fourteen	School of Architecture & Landscape Design School of Biotechnology School of Business School of Computer Science Engineering School of Civil Engineering School of Economics School of Electrical Engineering School of Energy Management School of Electronics & Communication Engineering School of Languages & Literature School of Mathematics School of Mechanical Engineering School of Philosophy & Culture School of Physics
11.	Affiliated College	One	Shri Mata Vaishno Devi University College of Nursing
12.	Total No. of Faculty Members	119	In various Schools
13.	Total No. of Staff Members	184	In various Schools and Sections.
14.	Program Offered	Twenty eight	B. Tech, B.Sc (Nursing), M. Tech, M.A, B.A., M.Sc., MBA, Ph.D., M.Sc.(Economics)- Five Years Integrated.
15.	Research Centres/Cell	Eight	ICMR - Centre for Advance Research (CAR) Bioinformatics Infrastructural Facilities (BIF) Centre Faculty Development Centre (FDC) Entrepreneurship Development Cell (EDC), SMVDU 5G and IoT Lab Cancer Genetics Research Group (CGRG) Human Genetics Research Group (HGRG) Geophysics R&D Programme (Multi-Institutional collaborative programme between SMVD University Indian Institute of Science Education and Research Kolkata (IISERK) and University of Cambridge (Cambridge) Network Centre Regional Centre of Indira Gandhi National Centre for the Arts

16.	Amenities	Medical Aid Centre Guest House J&K Bank Ltd. Post Office	Shopping Complex Café & Eating Points Delhi Public School	Children's Library Fountain Park Children's Park
17.	Others		TBIC - Technology Bu TEQIP-Phase -III DQA - Directorate of UBA- Unnat Bharat A EBSB- Ek Bharat Shre IIC- Institution's In	Abhiyan eshtha Bharat



MILESTONES SINCE ITS INCEPTION

S. No.	Date	Event
1.	2021	Dr. Tyagi of SMVDU Among Top 2% Scientists in Stanford University's Research Database
2.	December, 2021	SMVD University Bags Excellent University Band for Innovation in the Atal Ranking of Institutes (ARIIA 2021)
3.	September, 2021	SMVDU Ranked 79 th in Engineering & 24 th in Architecture Category in NIRF 2021
4.	2020	5 Year Integrated Program with Exit Option after B.Sc. (Hons.) /B.A. (Hons.) /B.B.A. (Hons.) have been introduced in admissions (2020-21) at SMVDU
5.	June, 2020	As per the Released of India Rankings 2020 on 11th June 2020, Shri Mata Vaishno Devi University secured 78 Rank in the NIRF 2020 of Ministry of MHRD, Govt. of India, amongst Engineering Institutions.
6.	December, 2019	7 th Convocation addressed by H.E. Sh. Satya Pal Malik Hon'ble Governor, J&K & Chancellor, SMVDU
7.	August, 2019	Padam Shri Prof. R.K. Sinha took over as the Sixth Vice Chancellor of the University on 6 th August 2019.
8.	February, 2019	Foundation Stone of Indoor Sport Complex laid by Dr. Sanjeev Jain, Former Vice Chancellor, SMVD University.
9.	February, 2019	Foundation Stone of Accommodation for Married Scholars laid by Dr. Sanjeev Jain, Former Vice-Chancellor, SMVD University.
10.	February, 2019	Inauguration of Shivalik Hostel Block-B by Hon'ble Member Dr. Jitendra Singh Rana, MoS (PM Office), in presence of the Vice -Chancellor, SMVD University.
11.	February, 2019	Foundation Stone of New Academic Block laid by Dr . Sanjeev Jain, Former Vice-Chancellor, SMVD University.
12.	August, 2019	MoU signed between SMVDU and National Institute of Solar Energy (NISE).

13.	June, 2019	MoU signed between SMVDU and The Institute of Public Enterprises (IPE).
14.	May, 2019	MoU signed between SMVDU and Institution for Innovation, Industrial Engineering and Entrepreneurship(IIIEE).
15.	January, 2019	MoU signed between SMVDU and the University of Cambridge, UK & Indian Institute of Science Education and Research Kolkata, India.
16.	January, 2019	MoU signed between SMVDU and Jawaharlal Nehru Technological University(JNTU).
17.	December, 2018	MoU signed between SMVDU and Chaudhary Ranbir Singh University.
18.	December, 2018	MoU signed between SMVDU and IIT Jammu.
19.	October, 2018	MoU signed between SMVDU and TES Global Ltd., London.
20.	July, 2018	MoU signed between Indira Gandhi National Centre for the Arts (IGNCA) and SMVDU.
21.	July, 2018	MoU signed between SMVDU and Direct Admission of Students Aboard (DASA).
22.	June, 2018	MoU signed between SMVDU and Centralized Counseling for M. Tech (CCMT).
23.	April, 2018	Sixth Convocation addressed by Sh. Ram Nath Kovind, Hon'ble President of India.
24.	January, 2018	MoU Signed between the Department of Wildlife Protection, J& K Govt. and SMVDU.
25.	October, 2017	Inauguration of the Boys Hostel Basoli Block (C & D) by Sh. N.N. Vohra, Former Governor, J&K & Chancellor, SMVD University.
26.	October, 2017	MoU signed between SMVDU & Haryana Vishwakarma Skill University.

27.	June, 2017	MoU signed between Semi-Conductor Laboratory (SCL), Chandigarh and SMVDU.		
28.	May, 2017	MoU signed between Gujarat Forensic Science University and SMVDU.		
29.	June, 2016	MoU signed between NBCC (India) Ltd. & SMVD University.		
30.	April, 2016	Fifth Convocation addressed by Sh. Narendra Modi, Hon'ble Prime Minister of India.		
31.	March, 2016	Dr. Sanjeev Jain took over as the fifth Vice-Chancellor of the University on 17 th February 2016.		
32.	September, 2015	Foundation Day of SMVDU.		
33.	August, 2015	Decade of existence & excellence.		
34.	March, 2015	MoU signed between IIM, Jammu and SMVDU.		
35.	August, 2014	Inauguration of Hostels (Basoli & Vaishnavi) by Sh. N. N. Vohra, Former Governor, J&K & Chancellor, SMVD University.		
36.	February, 2014	Fourth Convocation addressed by Sh. Hamid Ansari, Former Vice-President of India.		
37.	March, 2013	Foundation Stone of Basohli Hostel laid and Vaishnavi Hostel Extension by Sh. N.N. Vohra, Hon'ble Chancellor, SMVD University & Governor, J&K State.		
38.	February, 2013	Prof. Sudhir K. Jain took over as fourth Vice-Chancellor of the University on 15 th February 2013.		
39	November, 2012	Third Convocation addressed by H.E. Smt. Pratibha Devi Singh Patil, the former President of India.		
40.	September, 2011 MoU signed with Micro Small Medium Enterprise Deve Institute, Jammu.			
41.	September, 2011	Initiation of Student Merit-Cum-Means Scholarship Scheme.		

42.	March, 2011	The Foundation Stone of Residential Block laid by Hon'ble Sh. N.N. Vohra, Former Governor J&K & Chancellor SMVD University.
43.	March, 2011	Inauguration of Mass Array Genetic Analysis System Laboratory in the field of Bio-Technology by Hon'ble Sh. N. N. Vohra, Governor J&K & Chancellor, SMVD University.
44.	August, 2010	MoU signed with IIM, Jammu.
45.	August, 2010	Setting up of School of Biology & Chemistry.
46.	July, 2010	Setting up of the School of Innovation & Community Development.
47.	March, 2010	TCS Accreditation for campus recruitment of students.
48.	January, 2010	Prof. R. N. K. Bamezai took over as third Vice-Chancellor of university on 22 nd October 2010.
49.	December, 2009	Sanctioning of grant-in-aid under XI Plan by UGC of 10 crores (approx.) to the university.
50.	December, 2009	Inauguration of Central Library by Sh. N.N. Vohra, Former Governor, J&K & Chancellor, SMVD University.
51.	December, 2009	Inauguration of the new building of the School of Architecture & Landscape Design by Sh. N.N. Vohra, Former Governor, J&K & Chancellor, SMVD University.
52.	November, 2009	Second Convocation addressed by Sh. N. R. Naraynan Murthy, Chairman Infosys.
53.	June, 2009	12(B) Status accorded to university by University Grants Commission.
54.	June, 2009	Building of Central Workshop Inaugurated by Jenab Omar Abdullah, Former Chief Minister, J&K.
55.	April, 2009	MoU signed with Thapar University, Patiala.

56.	March, 2009	MoU signed with Kurukshetra University.
57.	March, 2009	Nilgiri Boys Hostel inaugurated by Hon'ble Sh. N.N. Vohra, Governor, J&K & Chancellor, SMVD University.
58.	November, 2008	MoU signed with Prathista Industries Ltd. Hyderabad.
59.	October, 2008	Inauguration of New Academic Block by Sh. N. N. Vohra, Former Governor J&K, & Chancellor, SMVDU.
60.	August, 2008	Setting up of School of Physics.
61.	August, 2008	Setting up of School of Mathematics.
62.	April, 2008	First Convocation addressed by Dr. Manmohan Singh, Former Prime Minister of India.
63.	March, 2008	Inauguration of Matrika Auditorium by Hon'ble Lt. Gen. (Retd.) S. K. Sinha, PVSM, Former Governor of J&K & Chancellor, SMVDU.
64.	January, 2008	Inauguration of Vaishnavi Hostel by Hon'ble Lt. Gen. (Retd.) S. K. Sinha PVSM, Former Governor of J&K & Chancellor SMVDU.
65.	August, 2007	MoU signed with State Forest Research Institute, Jammu & Kashmir for joint Research on Bamboo under the National Bamboo Mission.
66.	August, 2007	MoU signed with Micro, Small & Medium Enterprise (MSME) Development Institute Jammu to create Business Skill Development Programme.
67.	July, 2007	MoU signed with Ruhr University, Bochum Germany.
68.	March, 2007	MoU signed with Kun Shan University Taiwan, Taiwan.
69.	January, 2007	Setting up of School of Architecture & Landscape Design.
70.	December, 2006	MoU signed with Red Hat India Pvt. Ltd. Delhi.

71.	October, 2006	Inauguration of Shivalik Hostel by Gulchan Singh Charak, Former Minister, PWD, J&K.
72.	August, 2006	Inauguration of New Administrative Block, 'Sanchalan Bhawan' by Hon'ble Lt. Gen. (Retd.) S. K. Sinha PVSM Former Governor of J&K & Chancellor, SMVDU.
73.	May, 2006	MoU signed with Orel State Technical University, Orel Russia.
74.	May, 2006	AICTE approval for running all engineering courses which are ECSE, ECE, EME and EBT.
75.	May, 2006	Passing out of the First batch of students (2004-2007).
76.	March, 2006	Inauguration of College of Sciences by Jenab Ghulam Nabi Azad, Former Chief Minister, J&K.
77.	March, 2006	Inauguration of Kailash Boys Hostel by Jenab Ghulam Nabi Azad, Former Chief Minister, J&K.
78.	June, 2006	Council of Architecture approval to set up School of Architecture & Landscape Design.
79.	March, 2005	MoU signed with Regional Research Laboratory, Jammu.
80.	April, 2005	MoU signed with Aachen University of Applied Sciences, Germany for student and faculty exchange and joint research
81.	May, 2005	Inauguration of College of Management by Hon'ble Lt. Gen. (Retd.) S. K. Sinha, PVSM, Former Governor of J&K & Chancellor, SMVDU.
82.	July, 2005	Inauguration of Trikuta Boys Hostel by Prof. N. K. Bansal, former Vice-Chancellor, SMVDU.
83.	August, 2005	Inauguration of College of Philosophy Culture & Languages by Dr. Karan Singh, Member of the Raiya Sabha. The College was later re-christened as Faculty of Humanities and Social Sciences.
84.	August, 2005	MoU signed with IIT, Delhi.

85.	August, 2005	Setting up of Central Workshop.
86.	August, 2005	Adaptation of Academic Pattern of IITs.
87.	August, 2005	Setting up of School of Biotechnology.
88.	October, 2005	Setting up of School of Languages and Literature.
89.	August, 2004	Inauguration of College of Engineering by Dr. A.P.J Abdul
		Kalam, the former President of India.
90.	August, 2004	Setting up of the School of Business, College of Management.
91.	August, 2004	Inauguration of the university by Dr. A.P.J Abdul Kalam, the
		former President of India.
92.	November, 2004	Prof. N. K. Bansal took over as the second Vice-Chancellor of
		university on 15 th November 2004.
93.	1999	Prof. Bharat B. Chattoo took over as the first Vice Chancellor
		of university.



GOVERNING BODIES

Executive Council

The Executive Council is the apex body of the university and is responsible for all the academic appointments, management & regulation of finances & accounts, investments and properties, fixations of emoluments & creation of perks, enforcement of discipline, appointment of examiner and other matter pertaining to the functioning of the university.



Sitting Members of the Executive Council

1. Sh. Satya Pal Malik (In-Chair w.e.f.23/08/2018 to 30/10/2019)
Hon'ble Governor, J&K &
Chancellor SMVDU

Sh G.C.Murmu (In-Chair 31/10/19 onwards)
Hon'ble LG, J&K & Chancellor SMVDU

Shri Manoj Sinha (In-Chair w.e.f. 07/08/2020), Hon'ble LG, UT of J&K

Prof. Ravindra Kumar Sinha
Vice Chancellor
SMVDU

	3.	Prof. Manoj Dhar Vice-Chancellor University of Jammu	4.	Prof. K.K.Aggarwal Former Pro Vice-Chancellor, GJU Hisar and Founder Vice-Chancellor GGS Indraprastha University, Delhi	
5	5.	Prof. Talat Ahmad Vice Chancellor University of Kashmir	6.	Prof. A.K.Bakhshi Vice Chancellor PDM University Bahadurgarh, Haryana	
7	7.	Prof. Raghunath K. Shevagaonkar Vice Chancellor Bennett University	8.	Prof. V.K Bhat Dean, Faculty of Humanities & Social Sciences SMVD University	
9		Dr. Balbir Singh Dean of Students Welfare SMVD University	10.	Prof. Ashok Kumar Sharma, Dean, Faculty of Sciences, SMVDU	
1	1.	Sh. Umang Narula, IAS Principal Secretary to Governor J&K	12.	Sh. Simrandeep Singh, IAS, Chief Executive Officer SMVDSB	
1	.3.	Prof. Eswaramoorthy Muthusamy Registrar SMVD University	14.	Dr. Raghvendra Kumar Mishra Head, School of Mechanical Engineering SMVD University	
1	.5.	Dr. Anil Kumar Tiwari I/c, Head, School of Philosophy & Culture SMVD University			

Academic Council

The Academic Council is responsible for all the academic matters of the university such as curriculum development, admission, examination, recognition of degrees & other case may be deem fit for proper execution of the provision of the act, Statues & Ordinances and all matters relating to the health & welfare of the university.



Sitting Members of the Academic Council

1.	Prof. R.K.Sinha Vice-Chancellor SMVD University (Chairman)	2.	Prof. Ved Prakash Former Chairman UGC (Member Expert)
3.	Prof. Harish Chandra Verma Professor Emeritus IIT Kanpur (Member Expert)	4.	Prof. Shambhu Nath Singh School of Journalism & New Media Studies IGNOU (Member Expert)
5.	Prof. Raj Kumar Vice Chancellor Panjab University (Member Expert)	6.	Prof. Anand Prakash Singh Department of Mathematics Central University Rajasthan (Member Expert)
7.	Prof. Shekhar Verma Head Information Technology Department IIIT Allahabad (Member Expert)	8.	Prof. Prabal Talukdar Department of Mechanical Engineering IIT Delhi (Member Expert)
9.	Mr. Datta Kuvalekar Director-Technology & Engineering, Forbes Marshall (Member Expert)	10.	Mr. Vinod Joshi Director Business Development ZettaOne Technologies (Member Expert)
11.	Prof.Ashok Kumar Sharma, Dean, Faculty of Scieneces & Head, School of Physics (Member)	12.	Prof. Dr. V. K. Bhat Dean Faculty of Sciences & Registrar Shri Mata Vaishno Devi University (Member Secretary)
13.	Prof. Eswaramoorthy Muthusamy Dean Faculty of Engineering (Member)	14.	Dr. Shailla Cannie Dean Faculty of Nursing (Member)
15.	Dr. Balbir SIngh Dean of Students Welfare (Member)	16.	Dr. Sumeet Gupta Dean (Academic Affairs) (Member)
17.	Dr. Rakesh Kumar Jha Dean (Research & Development) (Member)		Dr. A. K. Das Director Directorate of Quality Assurance (Member)

19.	Dr. Swarkar Sharma CEO SMVDU-TBIC (Member)	20.	Prof. Rajeev Garg Head School of Architecture & Landscape Design (Member)
21.	Prof. Ashok Kumar Sharma Head School of Physics (Member)		Dr. Kumud Ranjan Jha Head School of Electronics & Communication Engineering & Head, School of Electrical Engineering (Member)
23.	Dr. R.K. Mishra Head School of Mechanical Engineering (Member)	24.	Dr. Manoj Kumar Gupta Head School of Computer Science & Engineering (Member)
25.	Dr. Saurabh Head School of Business (Member)	26.	Dr. Uday Pratap Singh Head School of Mathematics (Member)
27.	Dr. Sharada M. Potukuchi Head School of Biotechnology (Member)	28.	Dr. Kakali Majumdar Head School of Economics (Member)
29.	Dr. V.K. Dogra Head School of Civil Engineering (Member)	30.	Dr. Isha Malhotra In-Charge Head School of Languages & Literature (Member)
31.	Dr. Anil Kumar Tewari I/c Head School of Philosophy & Culture (Member)	32.	Dr. V.V. Tyagi I/c Head School of Energy Management (Member)
33.	Dr. Supran K. Sharma Faculty Incharge Central Library (Member)	34.	Sh. Nagandra Singh Jamwal, KAS Registrar, SMVDU (Member)

Members of the Finance Committee



Members during the 28th Finance Committee Meeting held on 11.10.2019

1.	Prof. (Dr.) Ravindra Kumar Sinha, Vice Chancellor, SMVD University (Chairperson)	2.	Shri A.K Mehta, I.A.S., Financial Commissioner, Finance Department, Government of J&K. (Member)		
3.	Sh. Umang Narula, I.A.S. Financial Commissioner to Hon'ble Governor, J&K (Member)	4.	Sh. Shaleen Kabra I.A.S. Chief Electoral Officer, J&K (Member)		
5.	Shri M.K. Dwivedi, I.A.S, Commissioner Secretary to Govt. Industries & Commerce Dept. Govt. of J&K (Member)	6.	Shri Simrandeep Singh I.A.S. Chief Executive Officer Shri Mata Vaishno Devi Shrine Board (Member)		
7.	Shri Shadi Lal Pandita, K.A.S Director Codes, Finance Deptt., Govt. of J&K. (Member)	8.	Sh. Hemkant Prasher, K.A.S., Chief Accounts Officer, SMVDSB (Permanent Invitee)		
9.	Prof. V. K. Bhat, Registrar, SMVD University (Permanent Invitee)	10.	Sh. Romesh Singh, K.A.S., Finance Officer , SMVD University (Member Secretary)		



Members during the 29th Finance Committee Meeting held on 17.03.2020

1.	Prof. (Dr.) Ravindra Kumar Sinha, Vice Chancellor, SMVD University (Chairperson)	2.	Shri A.K Mehta, I.A.S., Financial Commissioner, Finance Department, Government of J&K. (Member)	
3.	Shri Shaleen Kabra, I.A.S., Principal Secretary to the Government, Home Deptt. J&K Govt. (Member)	4.	Shri Bipul Pathak, I.A.S, Principal Secretary to Hon'ble Lt. Governor, Union Territory of J&K. (Permanent Invitee)	
5.	Shri M.K. Dwivedi, I.A.S, Commissioner Secretary to Govt. Industries & Commerce Dept. Govt. of J&K (Member)	6.	Shri Ramesh Kumar, I.A.S, Chief Executive Officer, Shri Mata Vaishno Devi Shrine Board, Katra (Member)	
7.	Shri Shadi Lal Pandita, K.A.S Director Codes, Finance Deptt., Govt. of J&K. (Member)	8.	Sh. Hemkant Prasher, K.A.S., Chief Accounts Officer, SMVDSB (Permanent Invitee)	
9.	Prof. Eswaramoorty Muthusamy, Registrar, SMVD University (Permanent Invitee)	10.	Sh. Neeraj Gupta, K.A.S., Finance Officer , SMVD University (Member Secretary)	

The Building & Works Committee



1.	Prof. (Dr.) Ravindra Kumar Sinha, Vice Chancellor, SMVD University (Chairperson)	2.	Shri Ramesh Kumar, I.A.S, Chief Executive Officer, Shri Mata Vaishno Devi Shrine Board, Katra (Member)	
3.	Prof. V. K. Bhat Registrar & Dean FoS SMVDU (Member)		Shri Shadi Lal Pandita, K.A.S Director Codes, Finance Deptt., Govt. of J&K. (Member)	
5.	Er. Rajesh Gupta Executive Engineer, PWD (R&B), Division Karta Representative of CPWD or PWD undertaking not below the rank of Superintending Engineering (SE of the area)	6.	Mr. Pankaj Nargotra A.A.O, SMVDU Representative of Finance Officer, SMVDU	
7.	Prof. Eswaramoorthy Muthusamy Professor, SoME (Member)	8.	Dr. Rajeev Garg Head, SoALD SMVDU (Member)	
9.	Ar. Navin Gupta Asstt Professor, SoALD Representative of Ar. Aditya Kumar Singh (Professor I/c Estate & Works)	10.	Er. Kamal Sharma University Engineer SMVDU (Member-Secretary)	
11.	ER. Kewal Krishan, Executive Engineer, SMVDU (Member)			

ACADEMIC FACULTIES AND SCHOOLS OF STUDY



FACULTY OF ENGINEERING

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

1. Name of the School: School of Computer Science And Engineering

2. Faculty Profiles:

	2. Faculty Profiles:							
S. No	Name of the Faculty Member	Designation	Qualification	Specialization				
1.	Dr. Manoj Kumar Gupta	Associate Professor & Head of Department	Ph.D., M.Tech, B.Tech	Bioinformatics, Data mining, Computational Biology, Artificial intelligence, Machine Learning				
2.	Dr. Baij Nath Kaushik	Associate Professor	Ph.D., M.Tech., B.E.	Machine Learning, deep Learning and Data Science				
3.	Dr. Ajay Kaul	Associate Professor	Ph.D.	Cyber Security				
4.	Mr. Manoj Kumar	Assistant Professor	Ph.D.(Submitted), M. Tech.	Computer Networks, DBMS				
5.	Ms. Sonika Gupta	Assistant Professor	MCA, MCM	Data Mining, Programming and Data Structures				
6.	Dr. Sunanda Gupta	Assistant Professor	Ph.D.	Algorithm Optimization, Complexity Analysis				
7.	Dr. Sakshi Arora	Assistant Professor	Ph.D.	Soft computing, Machine Learning, Digital Image Processing				
8.	Dr. Naveen Kumar Gondhi	Assistant Professor	Ph.D., M. Tech.	Network Management				
9.	Dr. Pooja Sharma	Assistant Professor	Ph.D., B.E.	Adhoc networks, Compilers, IoT				
10.	Mr. Sanjay Sharma	Assistant Professor	M.Tech., B.E.	Java Technology, Network security, Machine Learning				
11.	Mr. Deo Prakash	Assistant Professor	Ph.D. (Submitted), M.Tech, B.E.	Computer Networks, Future Generation Networks & Systems				
12.	Mr. Anuj Mahajan	Assistant Professor	M.Tech	Machine Learning				
13.	Mr. Sudesh Kumar	Assistant Professor	B.E(C.S.E), M.E(C.S.E)	Computer Networks, Network Security.				
14.	Dr. Abhishek Gupta	Assistant Professor	Ph.D., M.E., B.E.	Image Processing and Computer Vision				
15.	Mr. Alex Joseph	Assistant Professor	M.Tech, B.Tech	Computer and Information Science				
16.	Ms. Monia	Assistant Professor	M.Tech, B.Tech	Image processing, Deep Learning and Machine Learning, Security				

3. Programmes Offered & Enrollment (2020-2021):

B.Tech.	M.Tech.	Ph.D.		
90	18	As per Slots Available		

4. Details of B.Tech. Students (2020-2021):

Batch	Admitted Students				
2020 Entry	Male	Female	Total		
B.Tech.	82	16	98		

5. Details of M.Tech. Students (2020-2021):

Batch	Admi	tted Students	
2020 Entry	Male	Female	Total
M.Tech.	8	7	15

6. Details of Research Scholars:

Year 2020-21		Ph.D.		
		Male	Female	Total
Admitted 2020-21		1	2	3
Awarded 2020-21		0	1	1
Total Presently under Supervision		10	23	33

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2020-2021):

SI. No	Title of the seminar/conference and dates & year	Title of the Talk	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ International (abroad)/ International (within the country)/ State/University
1.	Azadi ka Amrit Mahotsav 12 June 2021	Anti Child Labor Day	SMVDU	Dr Rishu Sharma	University
2.	Azadi ka Amrit Mahotsav 21 May 2021	World anti- terrorism day	SMVDU	Mr. Sanjay Sharma	University

8. Degree Awardees Nos. (2020-2021):

M.Tech.: Result awaited

Ph.D. : 01

Information of Ph.D. Degree Awardees (2020-2021):

SI. No.	Name of the Candidate	Name of Supervisors & Co- supervisors	Entry No.	
1.	Pooja Sharma	Ajay Koul, ML Garg	09PHDECS02	

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2020-2021)

S.No	Title of the project	Whether major or minor project	Funding agency	Funding received/ Total grants	Role performed: Investigator / Co- investigator / Project director	Date of commen cement and date of complet ion	Whether outcome/ outputs sent to sponsoring Govt. Agency
1.	Setting up of high end Computing AI and Deep Learning Lab at SMVDU	Major	Higher Education departme nt, Govt. of J&K, India	1 Crore / 16.5 Crore	Project Coordinator	March, 2021 – February 2024	Yes
2.	Automatic Estimation of Slope, Angle, and Elevation of roads via Artificial Intelligence	Major	MHRD	5.25 lacs	CO-PI	2019-21	Yes
3.	Smart farming for precision agriculture in J&K using IoT	Major	TEQIP	1286000	Co-PI	July 2019 Till date	Yes
4.	Automatic monitoring of plants based on leaf segmentation	Major Project	UGC	INR 10 Lakhs	Investigator	2018-21	Yes

9.2 Research Publications (with full details in below format) for 2020-2021: For book:

For chapters in a book (2020-2021):

SI.	Title of the chapter	Title of the book	Editors		Name of	the	ISBN No.
No	Author of the Chapter		(Mention	all	publisher		and year of
			Editors)		Indicate		publication
					National	or	
					Internation	al	

1.	Security Solutions for Threats in IoT based Smart Vehicles, Surbhi Sharma, Baijnath Kaushik	Security and Privacy in the Internet of Things	Syed Rameem Zahra, Mohammad Ahsan Chishti	International	Dec, 2020, ISBN: 97810030163 04
2.	Neuro-image Classification for the Prediction of Alzheimer's Disease Using Machine Learning Techniques, Author: Yusera Farooq khan, Baijnath Kaushik	Algorithms for Intelligent Systems	Prateek M., Singh T.P., Choudhury T., Pandey H.M., Gia Nhu N.	International	May, 2021, ISBN: 978- 981-33- 4087-9
3.	"A Comparative Discussion of Similarity Based Techniques and Feature Based Techniques for Interaction Prediction of Drugs and Targets" Kanica Sachdeva and Manoj Kr Gupta	Tracking and Preventing Diseases with Artificial Intelligence	Dr. Mayuri Mehta, Dr. Philippe Fournier- Viger, Dr. Maulika S. Patel, Dr. Jerry Chun - Wei Lin	Springer (International)	2021

For paper (2020-2021):

SI. No.	Name of	Title of paper	Name of the	Volume:	Specify:
	Author, if more		Journal:	Issue No.:	Peer-reviewed
	than one,		Publisher &	Year:	UGC listed
	then:		Location: (Online)	Page Nos.:	Journal
	1. Author		ISSN No.:		Indexed
	2. Author		DoI:		Journals
	3. Author		(ISSN or DoI)		SCI & SCOPUS
	4. Author,				Impact factor:
	likewise				(if available)
	&				
	Whether the				
	applicant is				
	the main				
	author				
	Yes / No				
1.	1. Reya Sharma	Offline recognition	Computer Science	Vol. 38, Nov.	SCI & Scopus,
	2.Baijnath	of handwritten	Review, Elsevier,	2020	Impact Factor:
	Kaushik	Indic scripts: A	ISSN: 1574-0137,		7.7
	-	state-of-the-art	https://doi.org/10.10		
		survey and future	16/j.cosrev.2020.100		
		perspectives	302		
2.	1.Surbhi Sharma	A survey on	International Journal	June 2021	SCI, Imapct
	2.Baijnath	nature-inspired	of Communication		Factor: 1.319
	Kaushik	algorithms and its	System, John Wiley &		
		applications in the	Sons Ltd,		
		Internet of	ISSN:1099-1131		
		Vehicles			

3.	1.Akshma Chadha 2.Baijnath Kaushik	Performance Evaluation of Learning Models for Identification of Suicidal Thoughts	The Computer Journal, Oxford University Press, ISSN: 1460-2067	May, 2021	SCIE & Scopus, Impact Factor: 1.077
4.	R. K. Jha, Puja, Haneet Kaur, Manoj Kumar, Shubha Jain	Layer based security in Narrow Band Internet of Things (NB-IoT)	Computer Networks, Elsevier, DoI: https://doi.org/10.10 16/j.comnet.2020.10 7592	Volume: 185 Year: 2021	SCI (IF: 3.111)
5.	Arjun Puri, Manoj Kumar Gupta	Knowledge discovery from noisy imbalanced and incomplete binary class data	Expert Systems with Applications, ISSN:0957-4174 https://doi.org /10.1016/j.eswa.202 1.115179	Volume 181, 2021	SCI
6.	Arjun Puri, Manoj Kumar Gupta	Improved Hybrid Bag-Boost Ensemble With K- Means-SMOTE- ENN Technique for Handling Noisy Class Imbalanced Data	The Computer Journal, ISSN:0010-4620, https://doi.org/10.1093/comjnl/bxab039	2021	SCI
7.	Surbhi Gupta, Manoj Kumar Gupta	A comprehensive data level investigation of cancer diagnosis on imbalanced data	Computational Intelligence, Online ISSN:1467-8640, https://doi.org/10.11 11/coin.12452, IF:1.196	Page 1-31, 2021	SCI
8.	Surbhi Gupta, Manoj Kumar Gupta	Computational Prediction of Cervical Cancer Diagnosis Using Ensemble-Based Classification Algorithm,	The Computer Journal, ISSN 0010-4620 doi.org/10.1093/comj nl/bxaa198,	2021	SCI
9.	Surbhi Gupta, Manoj Kumar Gupta	An Approach Based on Neural Learning for Diagnosis of Prostate Cancer",	Journal of Natural Remedies, , ISSN: 2320-3358	Vol. 21, No. 3(S1), pp. 110-118, 2020	SCOPUS
10.	Deepika Sharma,, Ashutosh Vashishtha, M.K. Gupta	Review of Credit Risk & Credit Scoring Models Based on Computing Paradigms in Financial Institutions	Journal of Credit Risk, [ISSN:1744- 6619	2021	SCOPUS
11.	Rakhi Vatsal, Dr. Manoj Kumar Gupta	Motor Imagery and Mental Task Classification Algorithms in Noninvasive Brain-Computer Interface	Journal of Critical Reviews, ISSN- 2394-5125, doi: <u>10.31838/jcr.07.</u> 17.301	Vol. 7(17), pp. 2437- 2443, 2020	SCOPUS

12.	Tanzeela Javid, Manoj K. Gupta, and Abhishek Gupta	Securing Privacy In Data Mining: A Survey of Techniques	Journal of Natural Remedies, ISSN: 2320-3358	Vol. 21, No. 3(S1), pp. 119-127, 2020.	SCOPUS
13.	1. Aman Kumar, 2. Sanjay Sharma	Detection of a Human Body and object Sanitization using Deep Neural networks with Thermal Imaging	International Journal of Bio-Medical Informatics and e- Health: ISSN No:2321-9017 Doi.org/10.30534/ijb mieh/2020/01862020	Volume 8, No.6, October - November 2020 09 Pages	An Open Access Journal
14.	1. Adhira Gupta, 2. Sanjay Sharma	A Review: Food Recognition for Dietary Assessment/Calorie Measurement using Machine Learning Techniques	International Journal of Engineering Research & Technology (IJERT) Published by, www.ijert.org ISSN: 2278-0181 ICACT - 2021 Conference Proceedings	Volume 09, Issue No 08 ISBN 978-93- 5473-030-6	Open Access
15.	1. Aman Kumar, 2. Sanjay Sharma	Detection of a Human Body and object Sanitization using Deep Neural networks with Thermal Imaging	International Journal of Bio-Medical Informatics and e-Health: ISSN No:2321-9017 Doi.org/10.30534/ijb mieh/2020/01862020	Volume 8, No.6, October - November 2020 09 Pages	An Open Access Journal
16.	Pooja Sharma, Anam Gupta	A review of machine learning techniques being used for blood cancer detection	Annals of the Romanian society for Cell Biology	2021 Vol 25 ISsue 4	SCOPUS
17.	Malvika Ashok, Abhishek Gupta	A Systematic Review of the Techniques for the Automatic Segmentation of Organs-at-Risk in Thoracic Computed Tomography Images	Archives of Computational Methods in Engineering, Springer	Vol: 28 Year: 2021 Pg: 3245- 3267	SCI & SCOPUS IF = 6.73
18.	Payal Maken, Abhishek Gupta	A Method for Automatic Classification of Gender based on Text- Independent Handwriting	Multimedia Tools and Applications, Springer	Year : 2021	SCI & SCOPUS IF = 2.3
19.	Tanzeela Javid, Manoj Kumar Gupta, Abhishek Gupta	A Hybrid-Security Model for Privacy- Enhanced Distributed Data Mining	Journal of King Saud University - Computer and Information Sciences	Year: 2020	E-SCI and Scopus

20.	Megha Trivedi, Abhishek Gupta	Automatic Monitoring of the Growth of Plants using Deep Learning-based Leaf Segmentation	and Engineering	Vol: 28 Issue: 2 Year: 2021	Scopus
21.	Chaahat Gupta, Dr. Naveen Kumar Gondhi & Prof. Parveen Lehana	An Evolutionary Approach for the Enhancement of Dermatological Images and their Classification Using Deep Learning Models,	Journal of Healthcare Engineering	In Press	(SCIE INDEXED), -(Impact Factor) 2.682
22.	Ms Harshe lata, Dr. Naveen Kumar Gondhi	A literature survey of sentiment analysis based on E-commerce reviews	(IEEE Explore)	Electronic ISBN:978-1- 6654-0360-3	Scopus INDEXED
23.	1. Aditya Bakshi 2. Sunanda	An efficient face anti-spoofing and detection model using image quality assessment parameters.	Multimedia Tools and Applications (2020): 1-22 ISSN 1380-750 doi.org/10.1007/s110 42-020-10045-x	October 2020 1-22	SCI Impact Factor: 2.313
24.	Vippon Preet Kaur , Dr. Sakshi Arora	Recent developments of the internet of things in agriculture: a survey.	IEEE Access 8 (2020)	129924- 129957.	SCIE

9.3 Conferences/Workshops/Seminars/Short termCourses/FDP/MDPs/Attended or Presented (2020-2021)

Example:

SI. No	Title of the Seminar/Confere nce/Workshop and Dates & Year	Title of the Talk (if presenter) Or For Shor-term course & Workshop (NA)	Organizing agency	Who presented as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker Or Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1.	AICTE sponsored FDP on AI and Deep Learning, 5 th February, 2021	Sentiment analysis on online data using machine and deep learning algorithms	AICTE-STTP	Dr. Baijnath Kaushik, Invited Speker	National

2.	AICTE - ISTE sponsored FDP on Digital Learning for Advanced Pedagogical Techniques and Research Methodologies, 12TH February, 2021	Deep Learning Models for advanced research problems	AICTE-ISTE	Dr. Baijnath Kaushik, Invited Speker	National
3.	AICTE Training and Learning STTP on Potential and Challenges for Integrating 5G and IoT in Smart City Environment, 17th November, 2020	IoT and 5G	AICTE-STTP	Dr. Baij <mark>na</mark> th Kaushik, Invited Speker	National
4.	AICTE - ATAL Sponsored 5 days FDP on "Data Science", 3rd November, 2020	Clustering Analysis	AICTE-ATAL	Dr. Baijnath Kaushik, Invited Speker	National
5.	AICTE - ATAL Sponsored 5 days FDP on "Data Science", 4th November, 2020	Sentimental Analysis in Social Media	AICTE-ATAL	Dr. Baijnath Kaushik, Invited Speker	National
6.	AICTE Training & Learning Academy (ATAL) sponsored 5 days online Faculty Development Program (FDP) on "Application of Computers in Biology" June 07 to June 11, 2021	Research	AICTE-ATAL	Dr. Abhishek Gupta	National
7.	4 Days workshop on Train the Trainer on Examination Reforms from 4- 7 th Dec, 2020		Engg. & Tech., Hubballi and NPIU		
8.	ONLINE TWO DAYS INTERNATIONAL CONFERENCE On Mathematical Sciences and Computational Intelligence (21st - 22nd DECEMBER, 2020)	Software Defined Networks: An Introduction, Use Cases and Research Challenges	SHRI MATA VAISHNO DEVI UNIVERSITYKA TRA, J&K in association with ADVANCE RESEARCH EDUCATIONAL SOCIETY	Mr. Sudesh Kumar, Paper Presenter	International
9.	5- Days Online FDP on Emerging Trends in Engg. & Tech. form 6 th -10 th July, 2020	NA	MRSPTU , Bhatinda	Mr. Sudesh Kumar, Attended	National

10.	FDP on Computational Intelligence Systems and Security, 20 th – 24 th July, 2020	NA	SMVDU	Mr. Manoj Kumar, Attended	National
11.	FDP on Cryptography for Network Security, 3 rd – 7 th May, 2021	NA	NITTTR, Chandigarh	Mr. Manoj Kumar, Attended	National
12.	International Conference on Applications of Networks, Sensors and Autonomous Systems Analytics	A Survey on Autonomous Vehicles in the field of Intelligent Transport System,	JIS college of engineering kalyani	Dr. Ajay Kaul, Speaker	National
13.	International Conference on Convergence of Smart Technologies	Traffic Flow Prediction based Techniques in Intelligent Transport System: A Survey	Aspire Research Foundation	Dr. Ajay Kaul, Speaker	National
14.	Artificial Intelligence and Its Societal Applications, March 22-25, 2021	Introduction to Deep Learning	NIT Meghalaya	Dr. Manoj Kumar Gupta, Resource person	National
15.	Machine Learning, Feb 22-26, 2021	Introduction to Deep Learning	ITS Engineering College, Greater Noida	Dr. Manoj Kumar Gupta, Resource person	National
16.	AI and Deep Learning, Feb 1-5, 2021	Introduction to AI and Deep Learning Applications	MIET Jammu	Dr. Manoj Kumar Gupta, Resource person	National
17.	Session chair at International Conference on Networks and Cryptography Dec 4-5, 2020	Bioinformatics Algorithms	SoCSS, JNU Delhi	Dr. Manoj Kumar Gupta, Keynote speaker	International
18.	Invited Lecture delivered on Sep 09, 2020,	Fundamentals of AI and ML and its Applications	Rajkiya College of Engineering, Banda, U.P.	Dr. Manoj Kumar Gupta, Invited lecture	National
19.	STC on Applications on M/C Learning in the Advancements of computer Science, Aug 17-20, 2020	NA	NIT Jalandhar	Mr. Sanjay Sharma, Attended	National

20.	"Data Analytics and its Applications in Industries .14-26 December,2020	NA	Department of Computer Science and Engineering & Department of Electrical Engineering IIT (BHU), Varanasi	Mr. Sanjay Sharma, Attended	National
21.	03 Days online programme on "Climate Change, Landslides and Safe Hill Area Development", 5th – 7th August 2020	NA	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Dr. Raghunandan Singh Tolia Uttarakhand Academy of Administration, Nainital, Uttarakhand	Mr. Sanjay Sharma, Attended	National
22.	One week SHORT TERM TRAINING PROGRAM ON DATA SCIENCE (12th - 17th October 2020)	NA	STTP sponsored by ALL INDIA COUNCIL OF TECHNICAL EDUCATION (AICTE) under AQIS on DATA SCIENCE.	Mr. Sanjay Sharma, Attended	National
23.	International Conference on Artificial Intelligence and Smart Systems (ICAIS 2021), during March 25- 27, 2021	segmentation	JCT College of Engineering and Technology, Coimbatore,	Malvika Ashok, Abhishek Gupta	International
24.	Quantitative Data Analysis using STATCRAFT 1st - 5th February, 2021	NA C S	School of Business, SMVD University	Dr. Naveen Kumar Gondhi, Attended	National
25.	AICTE Training And Learning (ATAL) Academy Online FDP (Faculty Development Program) on "Application of Artificial Intelligence in Business" 21st – 25th June 2021	NA	Davanagere University	Dr. Naveen Kumar Gondhi, Attended	National

26.	2021 5th International Conference on Computing Methodologies and Communication (ICCMC) 8-10 April 2021	NA	Surya Engineering College, Erode, Tamil Nadu	Dr. Naveen Kumar Gondhi, Attended	International
27.	Webinar:BlockChai n Technology & its Applications. on 29/06/2021	BlockChain Technology & its Applications.	Department of Computer Engg, Govt Polytechnic College, Reasi ,J&K	Mr. Sanjay Sharma, Resource Person	<u>State</u>
28.	International Conference on Fourth Industrial Revolution Based Technology and Practices (ICFIRTP- 2020) 26-27 March 2021	based malware code detection with hybrid	Quantum University, Roorkee, Uttarakhand	Arshi, Sunanda, Attended	International
29.	International conference on Innovations in Information and Communication Technologies, 7-8 Nov. 2020	A Taxonomy of Biometric Security & its applications	I.T. S College, Ghaziabad	Aditya Bakshi, Sunanda, <u>Attended</u>	International
30.	Refresher course, Feb 24, 2021	Cyber security	Jammu University	Invited Speaker, Dr. Ajay Kaul	State

9.4 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

SI. No	Title of the Seminar/Conference /Workshop/Etc. and Dates & Year	Organiser's Name	Role	Organizing agency	National/ International (abroad)/ International (within the country)/ State/University
1.	FDP "Computational Intelligence System and Security (CISS-2020) during July 20 th - 24 th 2020.	Gupta and Dr.	Organiser	SoCSE, SMVDU, Katra, J & K	International

9.5 Ph.D. Guided 2020-2021

SI. No.	Name of Student	Name of the Supervisor/s Mention Main Supervisor: Co-supervisor	Awarded (Title of the thesis/dissertation)	Submitted (Title of the thesis/dissertation)
1.	Pooja Sharma	Main	Awarded Video Streaming Application requirements and resource provisioning in VANETs	

9.6 Students' Achievement (2020-2021)

SI. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1.	Puneet Saraswat and Harsh Kumar	18bcs054,18bcs035	Mentioned in the Google's Bughunter Hall of Fame makes with worldwide 650 th position.	Google
2.	Puneet Saraswat and Harsh Kumar	18bcs054,18bcs035	Started the company named XploitFree Security which provide security services and training.	XploitFree Security
3.	Krishna Katyal	17bcs030	Received scholarship of \$2200 from R foundation, USA	R foundation, USA
4.	Krishna Katyal	17bcs030	Pursuing Internship at Global Satellite Engineering, florida, USA	Global Satellite Engineering, florida, USA
5.	Manoranjan Kumar	17bcs033	Pursuing Internship at Global Satellite Engineering, florida, USA	Global Satellite Engineering, florida, USA
6.	Deepak Singh	17bcs021	Pursuing Internship at Global Satellite Engineering, florida, USA	Global Satellite Engineering, florida, USA
7.	Puneet Batra	17bcs042	Google summer of code Intern, USA	Google
8.	Mayank	16bcs023	Got an admission in Stony Brook University, New York for Masters in Computer Science.	Stony Brook University, New York
9.	Deepdarshan	19BCS031	Kharagpur Winter of Code 2020 (KWoC 2020)	IIT Kharagpur
10.	Malvika Ashok	18dcs005	Presented an abstract entitled "A Review of the Deep Learning Models for the Automatic Segmentation of Organs in Computed Tomography Images" as Conference Speaker at International Conference on Robotics, Computer Vision and Intelligent Systems (ROBOVIS 2020) on 5 th November, 2020	Institute for Systems and Technologies of Information, Control and Communication, Setúbal - Portugal

Malvika Ashok	19dcc00F	Our life of LICC MET 105	
	18dcs005	Qualified UGC NET-JRF (June 2020) exam on 30 th November, 2020	National Testing Agency, India
Malvika Ashok	18dcs005	Presented a paper on the topic "Deep learning-based techniques for the automatic segmentation of organs in thoracic computed tomography images: A Comparative study" at the International Conference on Artificial Intelligence and Smart Systems (ICAIS 2021) on 25 th March, 2021	JCT College of Engineering and Technology, Coimbatore, India.
Shabir Ahmad Magray	19mms010	Presented a paper on the topic "A Study on Various Techniques Involved In Mental and Suicide detection: A Comprehensive Review" at Online Mega International Conference "Innovations in Computers Networks, Computational Intelligence and IoT" (ICICCI-21)" on 25-26 June, 2021	St. Martin's Engineering College, Telangana, India
Bhole Shankar Singh	19bcs027	30 Days of Google cloud (15 Dec 2020)	Google cloud
Bhole Shankar Singh	19bcs027	Photography contest (9 June 2021)	Photography club smvdu
Mohit Pandey	19DCS005	Presented a Paper Titled "A Review on Face Recognition Methods Using Infrared Images" in International Conference on Intelligent Cyber Physical Systems(ICPS- 2021), June 24-26,	Indian Institute Of Information Technology Kota (IIIT Kota)
	Shabir Ahmad Magray Bhole Shankar Singh Bhole Shankar Singh	Shabir Ahmad 19mms010 Magray Bhole Shankar 19bcs027 Singh Bhole Shankar 19bcs027 Singh	Malvika Ashok 18dcs005 Presented a paper on the topic "Deep learning-based techniques for the automatic segmentation of organs in thoracic computed tomography images: A Comparative study" at the International Conference on Artificial Intelligence and Smart Systems (ICAIS 2021) on 25th March, 2021 Shabir Ahmad 19mms010 Presented a paper on the topic "A Study on Various Techniques Involved In Mental and Suicide detection: A Comprehensive Review" at Online Mega International Conference "Innovations in Computers Networks, Computational Intelligence and IoT" (ICICCI-21)" on 25-26 June, 2021 Bhole Shankar 19bcs027 Singh Mohit Pandey 19DCS005 Presented a paper on the topic "A Study on Various Techniques Involved In Mental and Suicide detection: A Comprehensive Review" at Online Mega International Intelligence and IoT" (ICICCI-21)" on 25-26 June, 2021 Bhole Shankar 19bcs027 Singh Mohit Pandey 19DCS005 Presented a Paper Titled "A Review on Face Recognition Methods Using Infrared Images" in International Conference on Intelligent Cyber Physical Systems(ICPS-



SCHOOL OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Name of the School: School of Electronics and Communication Engineering

2. Faculty Profiles:

S.No.	Name of Faculty member	Designation	Qualifications	Specialization
1.	Dr. Kumud Ranjan Jha	Associate Professor	AMIE (ECE), M.E (E&C). Ph.D. (ECE) Post Doc. (USA)	Antenna Design, Microwave Engineering
2.	Dr. Vipan Kakkar	Associate Professor	B.E. M.S. (Elec & Control Sys) PD - Eng (Microelectronics)	Ultra Low Power VLSI, MEMS, Biosensors
3.	Dr. Amit Kant Pandit	Associate Professor	B.Tech. (E&CE) Diploma. (IT/CSE) Ph.D. (ECE)	DSP, DIP, Signal and Systems, Microprocessor
4.	Dr. Rakesh Kumar Jha	Associate Professor	M.Tech. (E&C) B.E.(ECE), Ph.D.	Wireless Communication, Network Security issues
5.	Dr. Sumeet Gupta	Associate Professor	B.E. (Electronics) M.Tech. (IT) Ph.D	Digital System Design, Embedded Systems, Circuit design & simulation
6.	Dr. Manish Sabraj	Associate Professor	B.E. (ECE). M.Tech. (ECE) Ph.D., GATE	SIGNAL PROCESSING
7.	Mr. Shashi Bhushan Kotwal	Assistant Professor	B.E. (Elec. & Telecom) M.Tech. (IT)	Microprocessor, Wireless Communications & Signal Processing, Sensor Networks
8.	Mr. Ashish Suri	Assistant Professor	B.E., M.Tech. (IT), M.Tech (E&CE)	Wireless & Mobile Communication, Digital Signal Processing
9.	Dr. Anil Kumar Bhardwaj	Assistant Professor	B.Tech. (ECE) M.Tech. (ECE) Ph.D.	Nanoelectronics, VLSI , Low power design Digital and Analog, Image Processing.
10.	Mr. Neeraj Tripathi	Assistant Professor	B.E. (ECE) M.Tech. (Microelectronics & VLSI Design) M.Phil. (NEMS/MEMS) Ph.D.(thesis Submitted)	MEMS,NEMS,VLSI, Circuit Designing, VLSI Design, Device Modeling
11.	Mr. Swastik Gupta	Assistant Professor	M.Tech. (Electrical Engg.) B.E. (Electrical Engg.)	Data Networks, Embedded Systems, Computer Programming

12.	Dr. Purnima Hazra	Assistant Professor	AMIETE M.Tech.(ECE) Ph.D. (Electronics Engg.) GATE	Semiconductor devices and circuits, Microelectronic and nanoelectronic devices
13.	Dr. Vikram Singh	Assistant Professor	B.Tech.(ECE) M.Tech.(VLSI Design & Embedded Systems), UGC-NET	VLSI Design, Digital Design using VERILOG and VHDL
14.	Dr. Sachin Kumar Gupta	Assistant Professor	B.Tech.(ECE) M.Tech.(System Design), GATE, Ph.D	Wireless Networking, Computer Networks, Data Communications, Systems Theory
15.	Dr. Vijay Kumar Sharma	Assistant Professor	B.Tech.(ECE) M.Tech.(ECE), Ph.D.(IT), GATE	Low Power VLSI Design, Process Variation Aware Design

3. **Programmes Offered & Enrollment (2020-2021):**

B.Tech.	M.Tech.	Ph.D
Electronics &	Electronics &	Electronics & Communication Engineering
Communication	Communication	
Engineering	Engineering	

4. Details of B.Tech.(ECE) Students (2020-2021):

Batch	Admitted Students		
2020 Entry	Male	Female	Total
20BEC	83	13	96

5. Details of M.Tech. Students (2020-2021):

Batch	Admitted Students		
2020 Entry	Male	Female	Total
20MMC	5	15	20

6. **Details of Research Scholars:**

Year 2020-21 Ph.D.			
	Male	Female	Total
Admitted 2020-21	1	1	2
Awarded 2020-21	01	01	2
Total Presently under Supervision	04	09	13

Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2020-2021):

Example:

SI. No.	Title of the seminar/conference and dates & year	Title of the Talk	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ Intern ational (abroad)/ Intern- ational (within the country)/ State/ University
1.	Webinar on 'Career Options and Opportunities for Electronics Graduates',	Career Options and Opportunities for Electronics Graduates	SMVDU	RenjithCV , Philips India Ltd	National

8. **Degree Awardees Nos. (2020-2021):**

B.Tech :70 M.Tech. : 16 Ph.D. : 2

Information of Ph.D. Degree Awardees (2020-2021):

SI. No.	Name of the Candidate	Name of Supervisors &	Entry No.
_		Co-supervisors	
1.	Ms. Shagun Gupta	Dr.VipanKakkar, Associate Professor, SoECE	17DEC002
2.	Mr. Anil Kumar Bhardwaj	Dr.Sumeet Gupta, Associate Professor, SoECE	11PHDECE001

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2020-2021)

S.No	Title of the project	Whether major or minor project	Funding agency	Funding received/ Total grants	Role performed: Investigator / Co- investigator / Project director	Date of commen cement and date of complet ion	Whether outcome/ outputs sent to sponsoring Govt. Agency
1.	An Empirical Study of Bank Credit Risk Management Using Big Data Analytics	Major	IMPRESS	15 Lac +	Co PI	2018	In process

2.	Study of Fault Tolerant Quantun Dot Cellular Automata Circuits for Ultra Low Power Applications	Major	TEQIP III	5.05 lakhs	Co- investigator	July 2019- July 2020 (extended for one year)	ongoing
3.	Tailoring of Thermoel- ectric Properties of PbS Quantum Dot Based Thin Fihns for High Temperature Applications	Major	DST-SERB	10.6 lakh	Co PI	2018-2021	Ongoing

9.2 Patents (2020-2021):

SI. No.		Registrat <mark>ion No. and year</mark>	International/ National
1.	A Face Identification Method and A System Thereof (PUBLISHED)	202111022 <mark>328</mark> Year: 2021	National
2.	A System and Method for Covid-19 Diagnosis Using Detection Results from Chest X- Ray Images		International (Australian Innovation Patent) submitted in process



9.3 Research Publications (with full details in below format) for 2020-2021: For chapters in a book (2020-2021):

SI. No	Title of the chapter Author of the Chapter	Title of the book	Editors (Mention all Editors)	Name of the publisher Indicate National or International	ISBN No. and year of publication
1.	Reconfigurable MIMO Antennas Dr. Kumud R. Jha	Multifunctional Antennas and Arrays for Wireless Communication Systems	Satish K. Sharma, Jia- Chi S. Chieh	Wiley Online Library & IEEE Xplore	Print ISBN:978111 9535058 Online ISBN:978111 9535096 DOI:10.100 2/978111953 5096 2021
2.	Multifunctional Antennas for 4G/5G Communications and MIMO Applications Dr. Kumud R. Jha	Multifunctional Antennas and Arrays for Wireless Communication Systems	Satish K. Sharma, Jia- Chi S. Chieh	Wiley Online Library & IEEE Xplore	Print ISBN:978111 9535058 Online ISBN:978111 9535096 DOI:10.100 2/978111953 5096 2021
3.	COVID-19 Detection: An Approach Using X-Ray Images and Deep Learning Techniques	Advances in Intelligent Computing and Communication	SwagatamDas Mihir Narayan Mohanty	International	ISBN: 978 - 981-16- 0695-3 2021
4.	Classification and Detection of Leaves Using Different Image Processing Techniques	Advances in Intelligent Computing and Communication	SwagatamDas Mihir Narayan Mohanty	International	ISBN: 978 - 981-16- 0695-3 2021
5.	Detection of Broken and Good Medical Tablets Using Various Machine Learning Models	Advances in Intelligent Computing and Communication	SwagatamDas Mihir Narayan Mohanty	International	ISBN: 978 - 981-16- 0695-3 2021

For paper (2020-2021):

SI. No.	Name of	Title of paper	Name of the	Volume:	Specify:
	Author, if more		Journal:	Issue No.:	Peer-reviewed
	than one,		Publisher &	Year:	UGC listed
	then:		Location: (Online)	Page Nos.:	Journal
	1. Author		ISSN No.:		Indexed
	2. Author		DoI:		Journals
	3. Author		(ISSN or DoI)		SCI & SCOPUS
	4. Author,				Impact factor:
	likewise				(if available)
	&				
	Whether the				
	applicant is				
	the main				
	author				
	Yes/ No				

1.	Dar, Aasif	Filterless optical	Optical and Quantum	53, no. 1	SCI
	Bashir, Faroze	millimeter-wave	Electronics	(2021): 1-15.	
	Ahmad, and	generation using			
	Rakesh Kumar	cascaded-parallel	https://doi.org/10.10		
	Jha	Mach-Zehnder	07/s11082-020-		
		modulators with	02666-1		
		tunable frequency			
		multiplication	ISSN		
		factor	0306-8919		
2.	Singh, Chitra,	Tripole type	IET Microwaves,	14, no. 13	SCI
2.	Kumud Ranjan	wideband	Antennas &	(2020):	561
	Jha, and Satish	bandpass	Propagation	1619-1625.	
	Kumar Sharma	frequency	Tropagation	1015 1025.	
	Kumai Sharma	selective surface			
		for X-band			
		applications			
3.	Singh, Digvijay,	Nearly omni-	International Journal	Volume31,	SCI
٥,	Kumud Ranjan	directional	of RF and Microwave	Issue 8	301
	Jha, and Satish	compressed	Computer-Aided	(2021):	
	K. Sharma.	multiband flexible	Engineering	e22732	
	K. Shailia.	and conformal	Liigineeiiiig	622/32	
			https://doi.org/10.10		
		dipole antenna	https://doi.org/10.10		
4	Munaud D. Iba	4-Port MIMO	02/mmce.22732	2021	CCI
4.	Kumud R Jha.,		IEEE Open Journal of	2021	SCI
	ZA PANDIT	Antenna using	Antennas and		
	Jibran, Chitra	Common Radiator	Propagation		
	Singh, and	on a Flexible	10 1100/0140 2021 2		
	Satish K.	Substrate for	10.1109/OJAP.2021.3		
	Sharma	Sub-1GHz, Sub- 6GHz 5G NR and	083932		
		Wi-Fi 6			
		Applications			
5.	Shagun Gupta,	Point-of-care	Journal Name:	Volume: 127	SCI IF 2.576
٥,	PurvaBattar,	detection of	Tuberculosis	Issue No.:	3CI IF 2.370
	VipanKakkar	tuberculosis using	Publisher:	Year: 2021	
	Vipalikakkai	magnetoresistive	Elsevier	Page Nos.:	
		biosensing chip	ISSN:	102055	
		blosensing chip	1472-9792	102033	
6.	Sharma,	A Comprehensive	Wireless Personal	(2021): 1-55.	SCI
U,	Arunima, and	Survey on	Communications	(2021). 1-33.	301
	Rakesh Kumar	Security Issues in	Springer		
	Jha	5G Wireless	Springer		
	Sila	Communication	DOI		
		Network using	https://doi.org/10.10		
		Beamforming	07/s112 <mark>77-021-</mark>		
		Approach	08416-0		
7.	Anil Bhardwaj,	Investigation of	Journal of	15, Number	Peer-reviewed
/.	Kumar, Sumeet	Parameters for	Nanoelectronics and	7, July 2020,	UGC listed
	Gupta;	Schottky Barrier	Optoelectronics,	pp. 783-	Journal
	Balwinder Raj,	(SB) Height for	Publisher: American	791(9)	Journal
	barwinaer Raj,	Schottky Barrier	Scientific Publishers	751(5)	
		Based Carbon	Scientific Fubilishers		
		Nanotube Field	DOI:		
		Effect Transistor	https://doi.org/10.11		
		Device	66/jno.2020.2803		
		DEVICE	00/ 110.2020.2003		

8.	H. Kour and R. K. Jha	Electromagnetic Radiation Reduction in 5G Networks and Beyond Using Thermal Radiation	IEEE Transactions on Vehicular Technology doi: 10.1109/TVT.2020.3 020004.	vol. 69, no. 10, pp. 11841- 11856, Oct. 2020,	SCI
		Mode			
9.	Shubham Mahajan Shagun Gupta Amit Kant Pandit	Classification of Different Techniques in Machine Learning for Detecting Diseases in Plants Using Weka	978-93-90178-00-1	2020	
10.	Shubham Mahajan Shagun Gupta Anil Kumar Bhardwaj CH. Vanipriya Amit Kant Pandit	Detection of 3- Dimensional Superficial Landmarks by using Deep Neural Networks	International Journal of Control and Automation http://sersc.org/journals/index.php/IJCA/article/view/16462	2020	Scopus
11.	Shubham Mahajan Shagun Gupta Amit Kant Pandit	Image Superiority Calculation Meant for Biometric Fake Detection Approach of Fingerprint	10.1109/CICN49253. 2020.9242602	2020	Scopus
12.	Shubham Mahajan Shagun Gupta Amit Kant Pandit	A Review: On Image Processing Techniques	10.1109/CICN49253. 2020.9242606	2020	Scopus
13.	Sarthak Sharma Shubham Mahajan Arvind Rehalia Amit Kant Pandit Sumeet Gupta Anil Kumar Bhardwaj	Analysis of Low Power Design Techniques for GNRFET AND CNTFET Based Devices	10.31838/jcr.07.19.9 7	2020	Scopus
14.	Akshay Raina Shubham Mahajan CH. Vanipriya Anil Bhardwaj Amit Kant Pandit	Classification and Detection of Leaves using Different Image processing Techniques	https://doi.org/10.10 07/978-981-16- 0695-3_1	2020	Scopus
15.	Akshay Raina Shubham Mahajan CH. Vanipriya Anil Bhardwaj Amit Kant Pandit	Covid-19 Detection a Break Through Approach Using X-Ray Images and Deep Learning Techniques	https://doi.org/10.10 07/978-981-16- 0695-3_2	2020	Scopus
16.	SuvajitLodh Shubham Mahajan CH. Vanipriya Anil Bhardwaj Amit Kant Pandit	Detection of Broken and Good Medical Tablets Using Various Machine Learning Models	https://doi.org/10.10 07/978-981-16- 0695-3_6	2020	Scopus

17.	Krishan Kumar Rajender Kumar Shubham Mahajan Amit Kant Pandit	Efficiency Enhancement of K-Multi Constraints Paths in Hybrid Video Coder Using Information Based Quantization Method	https://doi.org/10.10 07/s12652-020- 02766-6	2021	SCI/SCI-E & Scopus
18.	Shubham Mahajan Akshay Raina Xiao-Zhi Gao Amit Kant Pandit	Plant Recognition using Morphological Features Extraction and Transfer Learning over SVM and AdaBoost	https://doi.org/10.33 90/sym13020356	2021	SCI/SCI-E & Scopus
19.	Shubham Mahajan Nitin Mittal Amit Kant Pandit	Image segmentation using multilevel thresholding based on type II fuzzy entropy and marine predators algorithm	https://doi.org/10.10 07/s11042-021- 10641-5	2021	SCI/SCI-E & Scopus
20.	Sanna Lone Anil Kumar Bhardwaj Amit Kant Pandit Sumeet Gupta Shubham Mahajan	A Review of Graphene Nanoribbon Field- Effect Transistor Structures	https://doi.org/10.10 07/s11664-021- 08859-y	2021	SCI/SCI-E & Scopus
21.	Rajender Kumar Krishan Kumar Shubham Mahajan Amit Kant Pandit	Study and Implementation of K-Multiple Constraint Shortest Path for H.265 HEVC for optimal Video Compression	https://doi.org/10.10 07/s12652-021- 03031-0	2021	SCI/SCI-E & Scopus
22.	Shivalika Sharma Chinmay Chakraborty Davinder Paul Singh Shubham Mahajan Amit Kant Pandit	Image-Based Automatic Segmentation of Leaf Using Clustering Algorithm	ACCEPTED	2021	SCI/SCI-E & Scopus
23.	Gagandeep Singh Walia Parulpreet Singh Manwinder Singh Mohamed Abouhawwash Hyung Ju Park Byeong-Gwon Kang Shubham Mahajan Amit Kant Pandit	A Novel Localization Approach to Locate Mobile Sensor Nodes in 3D WSNs using APPA Algorithm	ACCEPTED	2021	SCI/SCI-E & Scopus

24.	Shubham Mahajan Akshay Raina Mohamed Abouhawwash Xiao-Zhi Gao Amit Kant Pandit	COVID-19 Detection Using Advanced Deep Learning Techniques in Chest X-Ray	ACCEPTED Journal of	2021	SCI/SCI-E & Scopus
25.	Anil Kumar Bhardwaj, Sumeet Gupta, Balwinder Raj	Development and Analysis of Compact Model for Double Gate Schottky Barrier Carbon Nanotube Field Effect Transistor	Journal of Nanoelectronics and Optoelectronics	15 (10), 1199-1208, 2020	SCI Expanded 1.3
26.	Vikram Kumar, VipanKakkar	Efficient Resonant Frequency Power Modulation Technique for High Frequency Isolated Dual Active Bridge Converter	Journal Name: Journal of Huazhong University of Science and Technology (https://www.scopus. com/sourceid/22382) Publisher: Huazhong University of Science and Technology ISSN: 1671-4512	Volume: 50 Issue No.: 4 Year: 2021 Page Nos.: 1- 15	Scopus, UGC approved
27.	Neeraj Tripathi, VipanKakkar	Low Power Electrode Interface for Implantable Medical Devices	Journal Name: Journal of Huazhong University of Science and Technology (https://www.scopus. com/sourceid/22382) Publisher: Huazhong University of Science and Technology ISSN: 1671-4512	Volume: 50 Issue No.: 4 Year: 2021 Page Nos.: 1- 5	Scopus, approved UGC
28.	Vikram Kumar, VipanKakkar	A Review on Topologies of Dual Active Bridge - Isolated Bidirectional DC-DC Converters for High Frequency Power Conversion Systems	Journal Name: Journal of Emerging Technologies and Innovative Research Publisher: IJ Publication ISSN: 2349-5162	Volume: 8 Issue No.: 2 Year: 2021 Page Nos.: 1178-1187	UGC approved
29.	Vikram Kumar, VipanKakkar	A Review on Control Strategies of Dual Active Bridge-Isolated Bidirectional DC-DC Converter for High Frequency Power Conversion Systems	Journal Name: Journal of Emerging Technologies and Innovative Research Publisher: IJ Publication ISSN: 2349-5162	Volume: 8 Issue No.: 2 Year: 2021 Page Nos.: 1197-1206	UGC approved

30.	Vikram Kumar,	A Review on Soft	Journal Name:	Volume: 8	UGC approved
	VipanKakkar	Switching	Journal of Emerging	Issue No.: 2	
		Solutions of Dual	Technologies and	Year: 2021	
		Active Bridge-	Innovative Research	Page Nos.:	
		Isolated	Publisher:	1207-1218	
		Bidirectional DC-	IJ Publication		
		DC Converter for	ISSN:		
		High / Frequency	2349-5162		
		Power Conversion			
		Systems			

9.4 Conferences/Workshops/Seminars/Short term Courses /FDP/MDPs/Attended or Presented (2020-2021) Example:

SI. N	Seminar/Conference /Workshop and Dates & Year	Title of the Talk (if presenter) Or For Shor-term course & Workshop (NA)	Organizing agency	Who presented as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker Or Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1.	IEEE 2021 International Conference for Intelligent Technologies, Karnataka, 26-27 June, 2021.	Novel Design of Reversible Toffoli Gate in Quantum-Dot Cellular Automata (full paper-scopus indexed)	KLE Institute, Hubbeli, Karnataka	Mohsin Fayaz Shah, Mohammad Waqas Wani and VipanKakkar	Interrnational (within the country) Scopus indexed paper publication
2.	4th International Conference on Recent Innovations in Computing (ICRIC), Jammu, India, 8-9 June 2021.	Quantum dot Cellular Automata based Design of 4x4 TKG Gate and Multiplier with Energy Dissipation Analysis (full paper accepted for publication in Lecture notes in Electrical Engineering, Springer 2021)	Central University of Jammu		Interrnational (within the country) Lecture notes in Electrical Engineering, Springer 2021.
3.	International Conference on Recent Advances in Manufacturing Engineering Research, Tamil Nadu, India, 15- 16 April 2021.	Comaprative Analysis of Reversible Logic based Multipliers using Quantum dot Cellular Automata Nanotechnology	SRM institute of Science & Technology	Soha Maqbool Bhat, VipanKakkar	Interrnational (within the country)
4.	3rd IEEE International Conference on Emerging Smart Computing and Informatics, Pune, India, 5-7 March 2021.	Design and Modeling of an Ultra-Efficient 3X3 SSG-1 Reversible Gate for Nanoscale Applications (full paperscopus indexed)	AISSMS Institute of Information Technology, Pune	Soha Maqbool Bhat, VipanKakkar	Interrnational (within the country) Scopus indexed paper publication

9.5 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

SI. No.	Title of the	Organiser's	Role	Organizing	National/
	Seminar/Conference	Name		agency	International
	/Workshop/Etc. and				(abroad)/
	Dates & Year				International
		/			(within the
					country)/
					State/University

9.6 Ph.D. Guided 2020-2021

SI. No.	Name of Student	Name of the Supervisor/s Mention Main Supervisor:	Awarded (Title of the thesis/dissertation)	Submitted (Title of the thesis/dissertation)
1.	Shagun Gupta 17DEC002	Co-supervisor Dr.VipanKakkar, Associate Professor, SoECE	"On-Chip Tuberculosis Diagnostics,"	"On-Chip Tuberculosis Diagnostics,"
2.	Anil Kumar Bhardwaj 11PHDECE001	Dr.Sumeet Gupta, Associate Professor, SoECE	Modeling & Simulation of Carbon Nano Tube FET for low Power Digital Design	
3.	Vikram Kumar	VipanKakkar		Submitted (Modeling and Optimization of Bidirectional DC-DC Converter for High Frequency Isolation of Power Conversion Systems) Applied for final defense.
4.	Neeraj Tripathi	VipanKakkar	6 51	Submitted (Modeling and Optimization of Microelectrode for Deep Brain Stimulation)

9.7 Students' Achievement (2020-2021)

	SI. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
	1.	Soha Maqbool Bhat,	19MMC009,	ORAL PAPER PRESENT (08-09-, June, 2021)	4th International Conference on Recent
				"Quantum dot Cellular Automata based Design of 4x4 TKG Gate and Multiplier with Energy Dissipation Analysis"	Innovations in Computing (ICRIC), being organized by Central University Jammu in collaboration with Knowledge University, Erbil, Eotvos Lorand University and WSG University, Bydgoszcz Poland
H	2.	SWARAJSRIVA	18BEC063	Written Conference	Bydgoszcz, Poland "3rd International
		STAVA		Paper(13/5/2021-14-05-	Conference on
				2021)	Signal Processing and Communication".
				"Design of block coding 3B/4B for digital	and Communication .
				communication using	
				Quantum Dot Cellular Automata technology."	
	3.	Shagun Gupta	18MMC014	1. A Review <mark>: On</mark> Image Processing	International Conference CICN-
				Techniques Review: On	2020(25-
				Image Processing	26,Sept,2020)
				Techniques 2. Image Superiority	
				Calculation Meant for	
				BiometricFake Detection Approach of Fingerprint	
-	4.	SHUBHAM	19 DEC001	Selected and Attended	IEEE Signal
		MAHAJAN		(Virtually), 27th IEEE	Processing Society
				International Conference on Image Processing (ICIP	(SPS), Abu Dhabi
			1211	2020) Progress Workshop	
				Selected and Attended (Virtually), 2nd IEEE	IIT Kanpur
				Winter School on Fog/Edge Computing 2020	
				Selected and Attended	IEEE Signal
				(Virtually), 2021 Progress Workshop at ICASSP-2021	Processing Society (SPS), Toronto, Canada

			Selected for IEEE Signal Processing Society Professional Development (To cover your registration fee) Awarded with IEEE	2021 PROGRESS Workshop at ICASSP 2021, IEEE Signal Processing Society (SPS), Toronto, Canada IEEE
			Student and Early Researcher Conference Fund (SERCF-2020)	
5.	Mohammad Waqas Wani , Mohsin Fayaz	17BEC033, 17BEC034	Paper accepted in scopus indexed	K.L.E Institute of Technology, Hubbelli, Karnataka, IEEE conference on Intelligent Technologies, 26-27 June (CONIT-21)
6.	Soha Maqbool Bhat	19MMC009	Paper presented and published by IEEE (scopus indexed)	AISSMS Institute of Information Technology, Pune, 3rd IEEE International Conference on Emerging Smart Computing and Informatics, Pune, India, 5-7 March 2021.



SCHOOL OF ENERGY MANAGEMENT

1. Name of the School: Energy Management

2. Faculty Profiles:

S. No.	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. Vineet V. Tyagi	I/c Head & Assistant Professor	PhD	Solar Thermal Energy Storage, Phase Change Materials, Solar Collectors, Energy Exergy Analysis, PV/T Systems and Biomass and Bio Energy
2.	Dr. Sanjeev Anand	Assistant Professor	PhD	Industrial Energy Management, Exergy Analysis, Energy Efficiency in Buildings
3.	Mr. Amit Verma	Assistant Professor (Contractual)	M.Tech	Solar Photovoltaic design & Solar Thermal, Electrical Machine
4.	Ms. Divanshi Gupta	Assistant Professor (Contractual)	M.Tech	Solar Photovoltaic design, Solar Energy Utilization & Power Systems

3. Programmes Offered & Enrollment (2020-2021):

M.Tech.	PhD
Energy Systems	Energy Management

4. Details of M.Tech. Students (2020-2021):

Batch	Admitted Students Male Female Total		
2020 Entry			
	05	03	08

5. Details of Research Scholars:

Year 2020-21	Ph.D.		
	Male	Female	Total
Admitted 2020-21	01	Nil	01
Awarded 2020-21	01	Nil	01
Total Presently under Supervision	07	Nil	07

6. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2020-2021):

7. Degree Awardees Nos. (2020-2021):

M.Tech. : 12 Ph.D. : 01

Information of Ph.D. Degree Awardees (2020-2021):

SI. No.	Name of the Candidate	Name of Supervisors & Co- supervisors	Entry No.
01	Mr. Kapil Chopra	Dr. Vineet V. Tyagi	16DEM003

8. Information About Each Faculty

8.1 Research Publications (with full details in below format) for 2020-2021: For book:

SI. No	Title of the book	Authored/ Co- authored (Mention all authors)	Name of the publisher Indicate National or International	ISBN No. Year of publication
1.	Algal Biofuel: Sustainable Solution	Dr. Vineet V. Tyagi, Dr. V.V. Pathak & Dr. Richa Kothari	TERI Press, New Delhi	ISBN No: - 9789386530943 & 2021

For chapters in a book (2020-2021):

S N		Title of the book	Editors (Mention all Editors)	Name of the publisher Indicate National or International	ISBN No. and year of publication
1	Energy Systems and Nanotechnology	Renewable Energy- Driven Charging Station for Electric Vehicles. (pp. 57-78). Springer, Singapore.		Springer	978-981-16- 1255-8 978-981-16- 1256-5 (eBook)
2	Advances in Hybrid Conducting Polymer Technology pp 135-157	Conducting Polymer Based Nanoadsorbents for Removal of Heavy Metal Ions/Dyes from Wastewater		Springer	978-3-030- 62089-9

For paper (2020-2021):

SI. No.	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise & Whether the applicant is the main author Yes/ No	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: DoI: (ISSN or DoI)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
1.	Reji Kumar, R., Samykano, M., Pandey, A. K., Kadirgama, K., V.V. Tyagi	Phase change materials and nano-enhanced phase change materials for thermal energy storage in photovoltaic thermal systems: A futuristic approach and its technical challenges	Renewable and Sustainable Energy Reviews DoI: https://doi.org/10.1 016/j.rser.2020.110 341	Volume: 133 Issue No.: Year: 2020 Page Nos.: 110341	Impact factor: 14.98
2.	Kothari, R., Vashishtha, A., Singh, H.M., V.V. Tyagi , Ashok kumar, V., Singh, D.P.	Assessment of Indian bioenergy policy for sustainable environment and its impact for rural India: Strategic implementation and challenges	Environmental Technology and Innovation DoI: https://doi.org/10.1 016/j.eti.2020.1010 78	Volume: 20 Issue No.: Year: 2020 Page Nos.: 101078	Impact factor: 5.26
3.	Mohan Singh, H., V.V. Tyagi, Kothari, R., Singh Slathia, P., Singh, B.	Bioprocessing of cultivated Chlorella pyrenoidosa on poultry excreta leachate to enhance algal biomolecule profile for resource recovery	Bioresource Technology DoI: https://doi.org/10.1 016/j.biortech.2020. 123850	Volume: 316, Issue No.: Year: 2020 Page Nos.: 123850	Impact factor: 9.64
4.	Pandey A.K., Mathew George, Nasrudin Abd Rahim, V.V. Tyagi, Syed Shahabuddin, R. Saidur	Preparation, characterization and thermophysical properties investigation of A70/polyaniline nanocomposite phase change material for medium temperature solar applications	Energy and Built Environment DoI: https://doi.org/10.1 016/j.enbenv.2020. 09.001	Volume: Issue No.: Year: 2020 Page Nos.:	Impact factor: Scopus

6.	Alok K. Ansu, R.K. Sharma, V. V. Tyagi, Dharmendra Tripathi Javid, I., Chauhan, A., Thappa, S., Verma, S. K., Anand, Y., Sawhney, A.,	Prediction of Thermal Properties and Reliability Testing of Binary Eutectic Mixture of Polyethylene Glycol 2000 and 10000 as Phase Change Materials Futuristic decentralised clean energy networks in view of inclusive-economic growth	DoI: https://doi.org/1 0.1002/slct.20200 2183 Journal of Cleaner Production DoI: https://doi.org/10.1	Volume: 5 Issue No.: 31 Year: 2020 Page Nos.: Volume: Issue No.: Year: 2021 Page Nos.:	Impact factor: 1.81 Impact factor: 9.29
	V.V. Tyagi & Anand, S	and sustainable society	016/j.jclepro.2021.1 27304	127304	
7.	B K, Pandey A.K, Shahabuddin S, George M, Sharma K, Samykano M, V.V. Tyagi, Saidur R	Synthesis and characterization of conducting Polyaniline@cobalt-Paraffin wax nanocomposite as nano-phase change material: Enhanced thermophysical properties	Renewable Energy DoI: https://doi.org/10.1 016/j.renene.2021.0 4.050	Volume: 173 Issue No.: Page Nos.: 1057 – 1069 Year: 2021	Impact factor: 8.01
8.	Hekimoğlu, G., Sarı, A., Kar, T., R. K. Sharma, V. V. Tyagi, Saleh, T.A.	Carbonized waste hazelnut wood-based shape-stable composite phase change materials for thermal management implementations	International Journal of Energy Research DoI: https://doi.org/10.1002/er.6514	Volume: 45(7) Issue No.: Year: 2021 Page Nos.: 10271– 10284	Impact Factor – 4.71
9.	Ahmad, S., Kothari, R., Singh, H.M., V.V. Tyagi, Singh, B., Sari, A.	Experimental investigation of microalgal harvesting with low cost bottom ash: Influence of temperature and pH with zeta potential and thermodynamic function	Innovation DoI: https://doi.org/10.1 016/j.eti.2021.1013	Volume: 22 Issue No.: Year: 2021 Page Nos.: 101376	Impact factor: 5.26
10.	Sarı, A., Saleh, T.A., Hekimoğlu, G., V.V. Tyagi, Sharma, R.K.	Microencapsulated heptadecane with calcium carbonate as thermal conductivity- enhanced phase change material for thermal energy storage		Volume: 328 Issue No.: Year: 2021 Page Nos.: 115508	Impact factor: 6.16

1	11.	Hekimoğlu,	Silica fume/capric	Energy	Volume:	Impact factor:
		G., Nas,	acid-stearic acid		219	7.14)
		M., Ouikhalfan,	PCM included-	DoI:	Issue No.:	
		M. V.V. Tyagi	cementitious	https://doi.org/10.1	Year:	
		Saleh, T.A.	composite for	016/j.energy.2020.1	2021	
			thermal controlling	19588	Page Nos.:	
			of buildings:		119588	
			Thermal energy			
			storage and			
			mechanical			
			properties			
1	12.	Hekimoğlu,	Thermal	Construction and	Volume:	Impact factor:
		G., Nas,	management	Building Materials	274	6.14
		M., Ouikhalfan,	performance and		Issue No.:	
		M., V. V. Tyagi,	mechan <mark>i</mark> cal	DoI:	Year:	
		Sharma,	properties of a novel	https://doi.org/10.1	2021	
		R.K., Saleh, T.A.	cementitious	016/j.conbuildmat.2	Page Nos.:	
			composite	020.122105	122105	
			containing fly			
			ash/lauric acid-			
			myristic acid as			
			form-stable phase			
			change material			
1	13.	Chopra, K., V. V.	Energy, exergy,	Journal of Energy	Volume:	Impact factor:
4		Tyagi, Pandey,	enviroeconomic &	Storage	35	6.58
		A.K., Ma, Z., Ren,	exergoeconomic		Issue No.:	
		H.	(4E) assessment of		Year:	
			thermal energy	https://doi.org/10.1	2021	
			storage assisted	016/j.est.2021.1022	Page Nos.:	
			solar water heating	<u>32</u>	102232	
			system:			
			Experimental &			
	1.4	11.11	theoretical approach	1 65	37.1	Towns of Control
1	14.	Hekimoğlu,	Walnut shell derived	Journal of Energy	Volume:	Impact factor:
		G., Sarı, A., Kar,	bio-carbon/methyl	Storage	35	6.58
		T., V. V. Tyagi ,	palmitate as novel	Det	Issue No.:	
		Al-Sulaiman, F.A., Saleh, T.A.	composite phase change material with	DoI: https://doi.org/10.1	Year: 2021	
		r.A., Salell, T.A.	enhanced thermal	016/j.est.2021.1022		
					Page Nos.: 102288	
			energy storage properties	88	102200	
1	15.	Ren, H., Sun,	Improving energy	Applied Energy	Volume:	Impact factor:
		Y., Albdoor, V. V.	flexibility of a net-	Applied Elicity	285 Issue	8.84
		Tyagi, A.K.	zero energy house	DoI:	No.:	
		Pandey, A.K., Ma,	using a solar-	https://doi.org/10.1	Year:	
		Z.	assisted air	016/j.apenergy.202	2021	
			conditioning system	1.116433	Page Nos.:	
			with thermal energy		116433	
			storage and			
			demand-side			
			management			
1	16.	Singh,	A comprehensive	Sustainable Energy	Volume:	Impact factor:
		G., Chopra,	energy, exergy and	Technologies and	43	5.35
		K., V.V. Tyagi,	enviroeconomic (3-	Assessments	Issue No.:	
		Ma, Z., Ren, H.	E) analysis with		Year:	
			carbon mitigation for	DoI:	2021	
			multistage	https://doi.org/10.1	Page Nos.:	
			evaporation assisted	016/j.seta.2020.100	100925	
			milk powder	<u>925Get</u>		
			production unit			

17.	Ansu, A.K., Sharma, R.K., Hagos, F.Y., Tripathi, D., V.V. Tyagi	Improved thermal energy storage behavior of polyethylene glycolbased NEOPCM containing aluminum oxide nanoparticles for solar thermal applications	Analysis and Calorimetry DoI: https://doi.org/10.1 007/s10973-020- 09976-2	Volume: 143(3) Issue No.: Year: 2021 Page Nos.: 1881-1892	Impact factor: 4.17
18.	Chauhan, A., V.V. Tyagi Sawhney, A., Anand, S.	Comparative enviro- economic assessment and thermal optimization of two distinctly designed and experimentally validated PV/T collectors	Journal of Thermal Analysis and Calorimetry DoI: https://doi.org/10.1 007/s10973-020-10464	Volume: Issue No.: Year: 2021 Page Nos.:	Impact factor: 4.17
19.	Tyagi, S.K., Tyagi, N., Himanshu, H. Sharma, U., V. V. Tyagi	Emission reduction and fuel-saving potentials in jaggery industry via cleaner combustion	International Journal of Ambient Energy DoI: https://doi.org/10.1 080/01430750.2021 .1914726	Volume: Issue No.: Year:2021 Page Nos.:	Impact factor: Scopus
20.	Kour, G., Kothari, R., Dhar, S., Pathania, D., V. V. Tyagi	Impact assessment on water quality in the polluted stretch using a cluster analysis during preand COVID-19 lockdown of Tawi river basin, Jammu, North India: an environment resiliency	Energy, Ecology and Environment DoI: https://doi.org/10.1 007%2Fs40974- 021-00215-4	Volume: Issue No.: Year: 2021 Page Nos.:	Impact factor: Scopus
21.	Dheeraj Kumar Nagilla , Jeyraj Selvaraj , Kapil Chopra, Richa Kothari, A. K. Pandey, V. V. Tyagi	Thermal Energy Storage in Phase Change Material Integrated Solar Collectors for Air Heating Application	Materials Science and Engineering DoI: 10.1088/1757-899X/1127/1/012006	Volume: 1127 Issue No.: Year: 2021 Page Nos.: 012006	Impact factor:
22.	Dheeraj Kumar Nagilla, Kumaran Kadirgama, K. Chopra, A. K. Pandey , Richa Kothari & V. V. Tyagi	Application of Phase Change Materials in Solar Water Heating Systems for Thermal Energy Storage	Materials Science and Engineering DoI: 10.1088/1757-899X/1127/1/012012	Volume: 1127 Issue No.: Year: 2021 Page Nos.: 012012	Impact factor:
23.	Richa Kothari, Shamsha d Ahmad, M Samykano, V.V. Tyagi, A K Pandey and R. Saidur	Optimization of Extraction Process of Jatropha Oil by Using Quenching Agent	Materials Science and Engineering DoI: 10.1088/1757-899X/1127/1/012003	Volume: 1127 Issue No.: Year: 2021 Page Nos.: 012003	Impact factor:

ſ	24.	K. Chopra, Pratik	Recent	Materials Science	Volume:	Impact factor:
		Kumar	Advancements in	and Engineering	Issue No.:	
		Pathak, Mahendr	Design of Flat		Year:	
		an Samykano, V.	Plate Solar		2021	
		V Tyagi and A. K	Collectors	DoI: <u>10.1088/1757-</u>	Page Nos.:	
		Pandey		899X/1127/1/012007	012007	

8.2 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended or Presented (2020-2021)

S. No.	Title with page no.	Details of conference Publications	ISSN/ ISBN No.	No. of Co- authors and date of publication	Whether you are the main author	Inter- national / National
1.	Thermal Energy Storage in Phase Change Material Integrated Solar Collectors for Air Heating Application	IOP Conference Series: Materials Science and Engineering, Volume 1127, International Scientific Forum (ISF 2019) 16th-17th December 2019, Malacca, Malaysia	Online ISSN: 1757- 899X Print ISSN: 1757- 8981	05 March 2021	Yes	Internation al
2.	Application of Phase Change Materials in Solar Water Heating Systems for Thermal Energy Storage	IOP Conference Series: Materials Science and Engineering, Volume 1127, International Scientific Forum (ISF 2019) 16th-17th December 2019, Malacca, Malaysia	Online ISSN: 1757- 899X Print ISSN: 1757- 8981	05 March 2021	Yes	Internation al
3.	Optimization of Extraction Process of Jatropha Oil by Using Quenching Agent	IOP Conference Series: Materials Science and Engineering, Volume 1127, International Scientific Forum (ISF 2019) 16th-17th December 2019, Malacca, Malaysia	Online ISSN: 1757- 899X Print ISSN: 1757- 8981	05 March 2021	No	Internation al
4.	Recent Advancements in Design of Flat Plate Solar Collectors	IOP Conference Series: Materials Science and Engineering, Volume 1127, International Scientific Forum (ISF 2019) 16th-17th December 2019, Malacca, Malaysia	Online ISSN: 1757- 899X Print ISSN: 1757- 8981	05 March 2021	No	Internation al

SI. No.	Title of the seminar/conference and dates & year	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ International (abroad)/ International (within the country)/ State/University
5.	International conference on mathematical sciences and computational intelligence" 21st -22nd December, 2020	SMVD University	Session Chair	International
6.	National Conference on Advances in Civil Engineering and Environmental Sciences (ACEES-2021), January 14-15, 2021	YMCA University	Session Chair	National
7.	Two week online faculty development programme (phase-i), on "renewable energy intervention in industry, commercial and domestic application" (Part – II), 15th February 2021 to 27th February 2021.	Rajeev Gandhi Memorial College of Engineering and Technology, Nandyal - 518 501,Andhra Pradesh during	Faculty Participant	National
8.	Two week online faculty development programme (phase-i), on "renewable energy intervention in industry, commercial and domestic application" (Part – I), 14 December to 26 December 2020	Rajeev Gandhi Memorial College of Engineering and Technology, Nandyal - 518 501,Andhra Pradesh during	Faculty Participant	National
9.	Green Technology & Sustainability Engineering", 2021-1-19 to 2021-1-23	AICTE Training And Learning (ATAL) Academy, GBU, Noida	Faculty Participant	National
10.	"Artificial Intelligence" from at 2020-12-14 to 2020-12-18	AICTE Training And Learning (ATAL), ABES Engineering College, Gaziabad	Faculty Participant	National
11.	"Power System Reliability", 2020-10-26 to 2020-10-30	AICTE Training And Learning (ATAL), National Institute of Technology Delhi.	Faculty Participant	National

8.3 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

SI.No.	Title of the Seminar/Conference /Workshop/Etc. and Dates & Year	Organiser's Name	Role	Organizing agency	National/ International (abroad)/ International (within the country)/ State/University
1.	Energy Efficiency in Transmission Systems	School of Energy Management	Convener/ Co-Convener	Shri Mata Vaishno Devi University	National

8.4 Ph.D. Guided 2020-2021

S. No.	Name of the Student (s)	Registratio n Year and Status (Full Time/Part- time)	Title of the Topic	Supervisors Co- Supervisors (If any)	Remarks
1.	Atin K. Pathak	2015/Full Time	Solar Energy Utilization for wastewater treatment and its application for bioenergy	Dr. Vineet V. Tyagi Dr. Sanjeev Anand	Ongoing
2.	Kapil Chopra	2016/Part Time	Thermal performance study of heat pipe solar collector system with TES for Air/water heating application	Dr. Vineet V. Tyagi	Completed April 2021
3.	Har Mohan Singh	2016/Full Time	Solar Thermal Energy based Photo-bioreactor System to scale up Algal Biomass based Biofuel production	Dr. Vineet V. Tyagi	Ongoing
4.	Varun Dutta	2016 / Part Time	Experimental Studies on Partculate Reinforced Copper Alloy based Composite for Energy Efficient Marine Applications	Dr. Balbir Singh Dr. Lalit Thakur	Ongoing
5.	Sahil Thappa	2017/ Full Time	Modelling, Simulation and Development of Parabolic Trough Collector Based Solar System with Selective Coated Receiver Unit	Dr. Sanjeev Anand	Ongoing

6.	Shubham Kumar Verma	2018/ Full Time	Energy Intensive Building Design: Integrated Performance Modeling Approach	Dr. Sanjeev Anand Dr. Yatheshth Anand	Ongoing
7.	Rudraksh S Gupta	2019/ Full Time	Assessment and Optimization of Electric Vehicles in Distribution Systems with Solar Photovoltaic	Dr. Sanjeev Anand Dr. Arjun Tyagi	Ongoing
8	Sudhir K. Pathak	2020/ Full Time	Course work ongoing	Dr. Vineet V. Tyagi	Ongoing

8.5 Students' Achievement (2020-2021)

3.5 Students' Achievement (2020-2021)							
SI. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event			
1.	Atin Kumar Pathak	15dem001	Apperication Certificate in International Conference on Recent advances in applied sciences and technology & health (3th 5 th , March 2021	SRM Institute of Science and Technology, Kattankulathur, Tamil Naidu			
2.	Shubham Kumar Verma	18dem001	Participation Certificate in International Conference on advances in mechanical engineering and nanotechnology 28 th – 29 th , February 2020	Manipal University, Jaipur			
3.	Sahil Thappa	17dem001	Paper Published & Thermal selective coatings and its enhancement characteristics for efficient power generation through parabolic trough collector (PTC)	Clean Technologies and Environmental Policy			
4.	Rudraksh S. Gupta	19dem001	Thermal selective coatings and its enhancement characteristics for efficient power generation through parabolic trough collector (PTC)	Journal of Energy Storage			
5.	Harmohan Singh	16dem001	National Conference on Advances in Civil Engineering and Environmental Sciences (ACEES	J.C. Bose University of Science and Technology (YMCA), Faridaba			



SCHOOL OF MECHANICAL ENGIENERING

1. Name of the School: Mechanical Engg.

2. Faculty Profiles:

S.No.	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. Eswarmoorthy Muthusamy	Professor	Ph.D.	Thermal
2.	Dr. Raghvendra Kumar Mishra	Associate Professor	Ph.D.	Design
3.	Dr. Balbir Singh	Associate Professor	Ph.D.	Production
4.	Dr. Ankush Anand	As <mark>sociate</mark> Professor	Ph.D.	Design
5.	Mr.Yatheshth Anand	Assistant Professor	Ph.D. Thesis Submitted	CAD/CAM
6.	Mr. Sanjay Mohan Sharma	Assistant Professor	Ph.D. Thesis Submitted	Industrial
7.	Mr. Varun Dutta	Assistant Professor	Ph.D. pursuing	Design
8.	Mr. Sanjay Sharma	Assistant Professor	Ph.D	Thermal
9.	Mr.Mir Irfan-Ul-Haq	Assistant Professor	Ph.D.	Design
10.	Mr.Kapil Chopra	Assistant Professor	Ph.D.	Thermal
11.	Mr. Amit Kr. Sinha	Assistant Professor	Ph.D.	Industrial
12.	Mr. Rajiv Kumar	Assistant Professor	Ph.D.	Industrial & Production
13.	Mr. Ankush Raina	Assistant Professor	Ph.D.	Design

3. Programmes Offered & Enrollment (2020-2021):

B.Tech.	M.Tech.	Ph.D.
47	16	2

4. Details of Research Scholars:

Year 2020-21	Ph.D.			
	Male	Female	Total	
Admitted 2020-21	2	0	0	
Awarded 2020-21	0	0	0	
Total Presently under Supervision	8	0	8	

5. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2020-2021): Example:

	Faculty	Title of the seminar/confere nce and dates & year	Title of the Talk	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ International (abroad)/ International (within the country)/ State/University
	Dr. Ankush Anand	1. Sustainable Product Design and Manufacturing" (Phase III) at 21-27 May, 2021.	Risk Mitigation in Product Design – A Sustainability Perspective Sustainable	SMVDU, Katra,	Invited lecture	National
		 Essentials of Sustainable Design ISO and 	Product Design and Manufacturing" (Phase II), Sustainable	SMVDU Katra	Invited lecture	National
1		Product Sustainability 4. Sustainability	Product Design and Manufacturing" (Phase I)	SMVDU Katra	Invited lecture	National
		Engineering and Green Tribology 22nd Feb., 2021. 5. Impact Assessment of Technical	Sustainability and Green Tribology, Canara Engineering College,	Bantwal, Mangalore, Karnataka,	Invited lecture	National
		Education during COVID 19; 19th Feb., 2021.	STC Design and Research Techniques,	QIP Centre, IIT Roorkee,	Invited lecture	National
	Dr. Balbir Singh	1.Tribology for Sustainable Development" held online 20th-24th July,2020.	-Online Lecture delivered on "Wash Standards For Covid 19 (Workplace Assessment For Safety And Hygiene)	-School of Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir	Invited lecture	National
		2.Sustainability in life using universal human value approach	-AICTE-ISTE sponsored online Induction/Refre sher program on Sustainable Product Design And Manufacturing	School of Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir	Invited lecture	National

Dr. Sanjay	1.Expert talk on	Expert talk	Universiti	Invited speaker	International
Mohan	"The Role of		Malaysia		
	Tribology in		Sabah, Sabah,		
	Manufacturing" at		Malaysia		
	Universiti Malaysia				
	Sabah, Sabah,				
	Malaysia on 27				
	Dec.2020	,			
	2.Lecture on "Role				
	of Tribology in	STC		Invited speaker	
	Manufacturing		B.C.E.T,		
	Industry" in a STC		Gurdaspur,		National
	held from 26th		Punjab		
	October, 2020 to		anjas		
	30th October,				
	2020 at BCET,				
	Gurdaspur, Punjab				
	3. Talk on "Iron				
	based Self				
	Lubricating				
	Composites: Green and	Expert talk			National
	SustainableMateria	Expert talk		Invited speaker	Ivational
	Is"		AICTE ICTE O	Invited speaker	
			AICTE, ISTE &		
	at AICTE ISTE		SMVDU		
	sponsored				
	Induction/Refreshe				
	r program on				
	"Sustainable				
	Product Design and				
	Manufacturing				
	(Phase I II)"				
	held				
	held online during May				
	held online during May 21 27 2021				
Dr. Sanjay	held online during May 21 27 2021 One Week Online	The	School of	Speaker	International
Dr. Sanjay Sharma	held online during May 21 27 2021	The Performance	School of Mechanical	Speaker	International
	held online during May 21 27 2021 One Week Online			Speaker	International
	held online during May 21 27 2021 One Week Online Short Term Course	Performance Performance	Mechanical	Speaker	International
	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable	Performance Characteristics	Mechanical Engineering	Speaker	International
	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for	Performance Characteristics of Textured	Mechanical Engineering Shri Mata Vaishno Devi	Speaker	International
	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable	Performance Characteristics of Textured Hydrodynamic	Mechanical Engineering Shri Mata Vaishno Devi University,	Speaker	International
	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable	Performance Characteristics of Textured Hydrodynamic	Mechanical Engineering Shri Mata Vaishno Devi	Speaker	International
	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development"	Performance Characteristics of Textured Hydrodynamic Journal Bearing	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir		International
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable	Performance Characteristics of Textured Hydrodynamic Journal Bearing	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College	Speaker Invited Lecture	
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional	Performance Characteristics of Textured Hydrodynamic Journal Bearing	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering		
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering & Technology,		
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering		
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery)	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering & Technology,	Invited Lecture	National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering & Technology, Gurdaspur		
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering & Technology, Gurdaspur	Invited Lecture	National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering & Technology, Gurdaspur Yogananda college of	Invited Lecture	National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering Technology, Gurdaspur Yogananda college of Engineering &	Invited Lecture	National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering & Technology, Gurdaspur Yogananda college of	Invited Lecture	National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on Innovation	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering Technology, Gurdaspur Yogananda college of Engineering &	Invited Lecture	National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on Innovation 3. Clean & Sustainable	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering Technology, Gurdaspur Yogananda college of Engineering &	Invited Lecture	National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on Innovation 3. Clean &	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour Innovation	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering & Technology, Gurdaspur Yogananda college of Engineering & Technology	Invited Lecture Invited Lecture	National National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on Innovation 3. Clean & Sustainable Energy	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour Innovation Buildings	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering & Technology, Gurdaspur Yogananda college of Engineering & Technology	Invited Lecture	National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on Innovation 3. Clean & Sustainable Energy 4. Advances in	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour Innovation	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering & Technology, Gurdaspur Yogananda college of Engineering & Technology	Invited Lecture Invited Lecture	National National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on Innovation 3. Clean & Sustainable Energy 4. Advances in clean energy	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour Innovation Buildings	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering Technology, Gurdaspur Yogananda college of Engineering & Technology Yogananda college of Engineering & Technology	Invited Lecture Invited Lecture	National National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on Innovation 3. Clean & Sustainable Energy 4. Advances in	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour Innovation Buildings	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering & Technology, Gurdaspur Yogananda college of Engineering & Technology	Invited Lecture Invited Lecture	National National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on Innovation 3. Clean & Sustainable Energy 4. Advances in clean energy	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour Innovation Buildings	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering Technology, Gurdaspur Yogananda college of Engineering & Technology Yogananda college of Engineering & Technology	Invited Lecture Invited Lecture	National National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on Innovation 3. Clean & Sustainable Energy 4. Advances in clean energy conversion	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour Innovation Buildings sustainability Novel energy	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering Technology, Gurdaspur Yogananda college of Engineering & Technology Yogananda college of Engineering & Technology	Invited Lecture Invited Lecture	National National
Sharma	held online during May 21 27 2021 One Week Online Short Term Course on "Tribology for Sustainable Development" 1. Energy (Non- Coventional Sources of Engery) 2. Orientation session on Innovation 3. Clean & Sustainable Energy 4. Advances in clean energy conversion 5. Technologies &	Performance Characteristics of Textured Hydrodynamic Journal Bearing Energy and Buildings: Need of the Hour Innovation Buildings sustainability	Mechanical Engineering Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir Beant College Of Engineering & Technology, Gurdaspur Yogananda college of Engineering & Technology Yogananda college of Engineering & Technology	Invited Lecture Invited Lecture Invited Lecture	National National

Mir Irfan Ul Haq	1. Researches in Surface Engineering for Reliable Tribology 2. Short Term Course on	Tribology of Light Weight and 3D Printed Parts	GIMT Guwahati in association with Assam Science and Technology University	Invited Speaker	National
	"Tribology and Sustainability"	Tribology of Aluminium	SRM University,	Invited Speaker	International
		Composites	Chennai		
Ankush Raina	AICTE Training and Learning (ATAL) Academy Program on 3D Printing and Design	Tribological Applications of 3D Printed Parts	University Institute of Engineering and Technology, M.D. University, Rohtak	Invited lecture	National

6. Information About Each Faculty

6.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2020-2021)

SI.No	Title of the project	Whether major or minor project	Funding agency	Funding received/ Total grants	Role performed: Investigator / Co- investigator / Project director	Date of commen cement and date of completion	Whether outcome/ outputs sent to sponsoring Govt. Agency
Mir Irfan Ul Ha			AICTE through CRS- TEQIP-III scheme	13,28,000/-	Dr. Mir Irfan Ul Haq (Co- PI)	July 2019	Ongoing

6.2 Patents (2020-2021):

SI. No	Title and description of the Patent	Registration No. and	International/National
	(who filed/awarded)	year	
Dr.			National
Sanjay	Patent published in the Official journal	Application	
Mohan	of the Patent Office, India, Title:	No.201811038186 A,	
	"Multitasking Mop Handle",	33, 2020 Dt.14/8/20	

6.3 Research Publications (with full details in below format) for 2020-2021:

Example:

For book:

SI. No	Title of the book	Authored/ Co- authored (Mention all authors)	Name of the publisher Indicate National or International	ISBN No. Year of publication
Dr. Balbir Singh	Book Chapter "A critical assessment of electric discharge machining process: Variants and hybrid approaches" in Book: Advanced Materials & Manufacturing, Editor: Anand Pandey	Authors: Vivuo Gupta, Balb Singh, R. K. Mishra, and Pawandeep Singh.	Chapter No. 4, Page No. 68-96,	ISBN- 978-93- 89988-70-3

For chapters in a book (2020-2021):

SI. No.	Title of the chapter Author of the Chapter	Title of the book	Editors (Mention all Editors)	Name of the publisher Indicate National or International	ISBN No. and year of publication
Dr. Sanjay Mohan	Mechanical and Tribological Properties of Aluminium Based Metal Matrix Nanocomposites	Encyclopaedia of Materials: Composites, By Elsevier	Dermot Brabazon (Editor in chief)	Elsevier	97801281972 40
Dr. Sanjay Sharma	Lubrication Characteristics of Newtonian-lubricated Hydrodynamic Bearing with Partial and Fully Textured Surface	Lecture Notes in Mechanical Engineering.	Cavas- Martínez, F., Chaari, F., di Mare, F., Gherardini, F., Haddar, M., Ivanov, V., Kwon, Y.W., Trojanowska, J.	Springer nature International	ISSN: 2195- 4356
Varun Dutta	Nano-based composites and their synthesis	Nanomaterials and Environmental Biotechnology	Indu Bhushan, Vivek Kumar Singh, Durgesh Kumar Tripathi	Springer Nature	ISSN 2523- 8027
Yathesh th Anand	Rudraksh Sehgal Gupta, Arjun Tyagi, Vineet V. Tyagi, Yatheshth Anand A. Sawhney and Sanjeev Anand	Renewable Energy- Driven Charging Station for Electric Vehicles	Advances in Sustainability Science and Technology	Page No: pp 57- 78 Volume: Issue: Year: 2021 Dol: 28 May 2021	Scopus
Mir Irfan Ul Haq	Mechanical and Tribological Properties of Aluminium Based Metal Matrix Nanocomposites	Encyclopaedia of Materials: Composites, By Elsevier	Dermot Brabazon (Editor in chief)	Elsevier	97801281972 40

For paper (2020-2021):

For paper (2020-2021):				
Faculty	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise & Whether the applicant is the main author Yes/No	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: DoI: (ISSN or DoI)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
Dr. Balbir Singh	1.Vivudh Gupta, Balbir Singh, R. K. Mishra, and Pawandeep Singh 2.Vivudh Gupta, Balbir Singh, R. K. Mishra, and Pawandeep Singh	-Tribological characterizatio n of AA7075 composites reinforced with rice husk ash and carbonized eggshells - Microstructural and mechanical characterizatio n of AA7075 composites reinforced with rice husk ash	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	Accepted	SCI-E
	3. Pawandeep Singh, R. K. Mishra, Balbir Singh & Vivudh Gupta	and carbonized eggshells Microstructural and mechanical characterizatio n of lamb bone ash and boron carbide reinforced ZA-27 hybrid metal matrix	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications Journal of Mechanical Engineering Science	https://doi.or g/10.1177/1 4644207211 007506	SCI-E
	4.Pawandeep Singh, R. K. Mishra, Balbir Singh & Vivudh Gupta	composites Mechanical characterizatio n of eggshell ash and boron carbide reinforced ZA- 27 hybrid metal matrix composites	Part E: Journal of Process Mechanical Engineering.	Accepted	SCI-E
	5.Dubey, Vineet; Sharma, Anuj; Singh, Balbir	Optimization of Machining parameters in Chromium Additive mixed EDM of AA7075/5%B4 C composite	Engineering.	Accepted	SCI

Dr. Ankush Anand	Amit Kumar Sinha	Development of a supply chain configuration model for new product development: a multi- objective solution approach	Soft computing journal	25 (13), 8371-8389	SCI-E
Dr. Sanjay Mohan	1.Sanjay Mohan, Ankush Anand, Mir Irfan Ul Haq, Ankush Raina, Rajiv Kumar, Mohd Kamal	Development of a NIOSH based software tool for musculoskelet al disorders	Indian Journal of Engineering and Materials Sciences (IJEMS) 0975-1017 (Online)	27, 4, 2021; 860-865	SCI-E
	2. Mohd Kamal Mohd Shah, Sanjay Mohan, Irma Othman, M Zakrymizam Yusuf & Alexander C.	Investigation of Tensile properties of Bambusa Vulgaris Reinforced Unsaturated Polyester	Journal of Pure and Applied Physics,	vol. 59, March 2021, pp. 190-196.	SCI-E
	3. Mir Irfan Ul Haq, Ankush Raina, Sanjay Mohan Sharma, Ankush Ananda & Mohd Fadzli Bin Abdollah,	Resin. International Potential of AA7075 as a Tribological Material for Industrial Applications -A Review,	International Journal of Pure and Applied Physics,	vol. 59, March 2021, pp. 197-201	SCI-E
Dr. Sanjay Sharma	1.Sanjay Sharma, 2.Ranjit Singh, 3. Brij Bhushan	CFD based thermal efficiency of square shape protruded roughened absorber plate for solar air heater	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Year- (2021):pp 1- 22.	SCI
	Shalok Bharti., Varun Dutta, Sanjay Sharma., & Ghetiya, N. D. (2020).	Investigating the effect of tool speed on the mechanical properties of Al5052 Processed by friction stir processing.	Materials Today: Proceedings,	Vol.33, pp.1605- 1609	Scopus

Yatheshth Anand	1. Vibhu shit Gupta,Azhar Jameel, Sanjeev Anand, Yatheshth Anand 2. Iqra Javid, Aditya Chauhan, Sahil Thappa, SK Verma, Y Anand, A Sawhney, VV Tyagi, S Anand	Analysis of composite plates using isogeometric analysis: A discussion Futuristic decentralized clean energy networks in view of inclusive-economic growth and sustainable society	Materials Today: Proceedings Journal of Cleaner Production	Page No: 1190-1194 Volume: 44 Issue: Year: 2021 Dol: 2021/1/1 Page No:127304 Volume: 309 Issue: Year: 2021 Dol: 2021/4/29	Scopus
	Rajiv Kumar,	Effect of water	Proceedings of the	1350650121	SCI-E
M: T. C	Mir I Ul Haq,	absorption on	Institution of	1005635	
Mir Irfan Ul Haq	Sanjay M Sharma,	mechanical and	Mechanical Engineers, Part J: Journal of		
Tidq	Ankush	tribological	Engineering Tribology		
	Raina,	properties of			
	Ankush	Indian	SAGE Publications		
	Anand	ramie/epoxy composites	https://doi.org/10.11 77/13506501211005		
	No	composites	635		
	Raina, A.,	Nanodiamond	Nanomaterials, 11(6),		SCI-E
	Irfan Ul Haq, M., Anand,	Particles as	1438. https://doi.org/10.33		
	A., Mohan,	Secondary Additive for	90/nano11061438		
	S., Kumar,	Polyalphaolefin			
	R., Jayalakshmi,	Oil Lubrication			
	S., & Arvind	of Steel-			
	Singh, R.	Aluminium			
	Yes	Contact			
	Anand, R.,	Synergism of	Tribology		SCI-E
	Raina, A., Ul Haq, M. I.,	TiO ₂ and	Transactions, 1-21,		
	Mir, M. J.,	graphene as	2020	4	
	Gulzar, O., &	nano-additives			
	Wani, M. F.	in bio-based cutting fluid-an			
		experimental			
		investigation.			
		vestigation.			
	Gupta, G.,	Effect of	Proceedings of the	1350650121	SCI-E
	Haq, M. I.	epoxidation	Institution of	1005635	
	U., Raina, A., & Shafi, W. K	and	Mechanical Engineers, Part J: Journal of		
	a Shari, W. K		raic 5. Journal Of		

		nanonartiala	Engineering Tribales		
		nanoparticle addition on the rheological and tribological properties of canola oil.	Engineering Tribology SAGE Publications https://doi.org/10.11 77/13506501211005 635		
	Mir Irfan Ul Haq, Ankush Raina, Ankush Anand, Sanjay Mohan Sharma, Rajiv Kumar	Elucidating the Effect of MoS2 on the Mechanical and Tribological Behavior of AA7075/Si3N4 Composite	Journal of Materials Engineering and Performance Springer 1059-9495	29, 11, 2020; 7445- 7455	SCI-E
Ankush Raina	Rajiv Kumar, Mir I Ul Haq, Sanjay M Sharma, Ankush Raina, Ankush Anand	Effect of water absorption on mechanical and tribological properties of Indian ramie/epoxy composites	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology SAGE Publications https://doi.org/10.11 77/13506501211005 635	1350650121 1005635	SCI-E
	Raina, A., Irfan Ul Haq, M., Anand, A., Mohan, S., Kumar, R., Jayalakshmi, S., & Arvind Singh, R. Yes	Nanodiamond Particles as Secondary Additive for Polyalphaolefin Oil Lubrication of Steel- Aluminium Contact	Nanomaterials, 11(6), 1438. https://doi.org/10.33 90/nano11061438		SCI-E
	Anand, R., Raina, A., Ul Haq, M. I., Mir, M. J., Gulzar, O., & Wani, M. F.	Synergism of TiO ₂ and graphene as nano-additives in bio-based cutting fluid-an experimental investigation.	Tribology Transactions, 1-21, 2020	Ħ	SCI-E
	Gupta, G., Haq, M. I. U., Raina, A., & Shafi, W. K	Effect of epoxidation and nanoparticle	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	1350650121 1005635	SCI-E

		addition on the rheological and tribological properties of canola oil.	SAGE Publications https://doi.org/10.11 77/13506501211005 635		
	Mir Irfan Ul Haq, Ankush Raina, Ankush Anand, Sanjay Mohan Sharma, Rajiv Kumar	Elucidating the Effect of MoS2 on the Mechanical and Tribological Behavior of AA7075/Si3N4 Composite	Journal of Materials Engineering and Performance Springer 1059-9495	29, 11, 2020; 7445- 7455	SCI-E
Rajiv Kumar	Rajiv Kumar, Mir I Ul Haq, Sanjay M Sharma, Ankush Raina, Ankush Anand	Effect of water absorption on mechanical and tribological properties of Indian ramie/epoxy composites	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology SAGE Publications https://doi.org/10.11 77/13506501211005 635	1350650121 1005635	SCI-E
	Mir Irfan Ul Haq, Ankush Raina, Ankush Anand, Sanjay Mohan Sharma, Rajiv Kumar	Elucidating the Effect of MoS2 on the Mechanical and Tribological Behavior of AA7075/Si3N4 Composite	Journal of Materials Engineering and Performance Springer 1059-9495	29, 11, 2020; 7445- 7455	SCI-E
	Sanjay Mohan, Ankush Anand, Mir Irfan Ul Haq, Ankush Raina, Rajiv Kumar, Mohd Kamal	Development of a NIOSH based software tool for musculoskeletal disorders	Indian Journal of Engineering and Materials Sciences (IJEMS) 0975-1017 (Online)	27, 4, 2021; 860-865	SCI-E

6.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended or Presented (2020-2021)

Faculty	Title of the Seminar/Confe rence/Worksh op and Dates & Year	Title of the Talk (if presenter) Or For Shor- term course & Workshop (NA)	Organizing agency	Who presented as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker Or Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
Dr. Balbir Singh	11 Jul 2020	Workplace Assessment for Safety and Hygiene (WASH) Standard	ZED Division, Quality Council of India, New Delhi	Attended	National
	12 May 2021	5SHousekeepin g	National Productivity Council, Kolkata	Attended	National
	14 May 2021	Concept of Environmental Impact Assessment	National Productivity Council, Kolkata	Attended	National
	22 Jun 2021	Waste management in cities - a practical	National Productivity Council	Attended	National
	26 Jun 2021	approach Manufacturing 4.0 and maintenance 4.0 - use of digital	National Productivity Council, Chandigarh	Attended	National
		technologies for operational excellence		A R	
Dr. Ankush Anand Dr. Sanjay		High	SRM Institute,	Presenter	International
Mohan	1.International Tribology Research	Temperature Tribological Behavior of Fe	SMVDU		

	Symposium held during 5th to 7th November 2020. SMVDU, katra. 2. National Conference on Engineering, Science, Technology and Management, 27-28March, 2021	Cu C based Self lubricating Composites for High Speed Applications Ergonomics An Important Aspect in Today's World	Indira Gandhi Institute of Technology, Sarang, Odisha	Presenter	National
Dr.Sanjay Sharma	International Tribology Research Symposium held during 5th to 7 th November 2020. SMVDU, katra.	Numerical Study of Circular Shape Dimple and Protruded Textured Hydrodynamic Journal Bearing System	SMVDU, Katra	Presenter	International
Varun Dutta	Sustainable Product Design and Manufacturing 18-24 March, 2021	FDP	SMVDU (AICTE Sponsored)	Attended	National
	One Week Online Short Term Course on "Tribology for Sustainable Development" July 20-24, 2022	STC	SMVDU	Attended	National
	Webinar on "Opportunities and Challenges in Friction Stir Welding and Processing of Nickel Based Superalloys" 1st, August, 2020	Webinar	Department of Metallurgical and Materials Engineering, Mahatma Gandhi Institute of Technology, Hyderabad	Attended	National
	International Tribology Research Symposium November 5th-7th, 2020	Effect of friction stir processing on microstructure and mechanical properties of aluminum matrix composites (AMCs) -A Review	SRM Institute of Science & Technology	Paper presented	International

Yatheshth Anand					
Mir Irfan Ul Haq	3 rd National e Conference on Recent Development in Automobile and Mechanical engineering	31 st March 2021	Easwari Engineering College, Chennai	National	Presented paper
	National Conference on Engineering, Science, Technology and Management	27 th & 28 th March,2021	Indra Gandhi Institute of Technology, Sarang	National	Presented Paper
	4 th International Conference on Inventive Material Science and Applications	14 th to 15 th May, 2021	PPG Institute of Technology	International	Contributed a Paper`
	AICTE-ISTE sponsored Induction/Refres her program on "Sustainable Product Design and Manufacturing" Phase-I	March 18-24, 2021	School of Mechanical Engineering, SMVDU	National	Attended
	AICTE-ISTE sponsored Induction/Refres her program on "Sustainable Product Design and Manufacturing" Phase-II	April 15-21, 2021	School of Mechanical Engineering, SMVDU	National	Attended

17 11					
Kapil Chopra	AICTE-ISTE sponsored Induction/Refres her program on "Sustainable Product Design and Manufacturing" Phase-III	May 21-27, 2021	School of Mechanical Engineering, SMVDU	National	Attended
Amit Kumar Sinha					
Ankush Raina	National E-Conference on Recent developments in Automobile and Mechanical Engineering (NCRDAME'21) March, 31, 2021.	Tribological aspects of diamond nanoparticles in Lubricating Oils	Easwari Engg. College, Ramapuram, Chennai India,	Paper Presented	National
	National Conference on Engineering, Science, Technology and Management (NCESTM-2021) March, 27-28, 2021	Tribological Performance of Nano-additives in Lubricating Oils	Indira Gandhi Institute of Tech., Dhenkanal, Odisha, India.	Paper Presented	National
	STC on Future Scope in Engineering Materials and Tribology"	STC	National Institute of Technology, Jalandhar	Attended	National
Rajiv Kumar	ROAD - Response Effectiveness, Organising Self, Attitudinal Shift, Decision Making 7-11 Sept., 2020	FDP	Indira Gandhi Delhi Technical University for Women-New Delhi sponsored by AICTE Training And Learning (ATAL) Academy	Simply Attended	National
	International Tribology Research	Effect of water absorption on mechanical and	SRM Institute of Science and Technology	Paper presenter	International (within the country)

Symposium: 5-7 Nov., 2020	tribological properties of Indian ramie/epoxy composites			
Sustainable Product Design and Manufacturing 18-24 March, 2021	FDP	SMVDU (AICTE Sponsored)	Simply Attended	National

6.5 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

<u> </u>					
Faculty	Title of the Seminar/Conferen ce/Workshop/Etc. and Dates & Year	Organiser's Name	Role	Organizing agency	National/ International (abroad)/ International (within the country)/ State/University
Dr. Sanjay Mohan	International Tribology Research Symposium: 5-7 Nov., 2020		Organising Secretary	SRM Institute, SMVDU	International
Dr. Sanjay Sharma	"Introduction of CFD Problems on Fluid Flow and Heat Transfer,	Dr. Sanjay Sharma	Coordinator/	School of Mechanical Engineering, SMVDU, Katra	International
Varun Dutta	"Introduction of CFD Problems on Fluid Flow and Heat Transfer,	Dr. Sanjay Sharma, Varun Dutta	Organising Secretary	School of Mechanical Engineering, SMVDU, Katra	International
Yatheshth Anand					
Mir Irfan Ul Haq	International Tribology Research Symposium: 5-7 Nov., 2020	SMVDU, SRM University and CAS-AKTU Lucknow	Convenor	School of Mechanical Engineering, SMVD University, Katra, India in collaboration with SRM Institute of Science and Technology, Chennai and Centre for Advanced Studies, AKTU, Lucknow, India.	International

Ankush Raina	International Tribology Research		Co- Convenor	School of Mechanical Engineering,	International
	Symposium: 5-7 Nov., 2020			SMVD University,	
	1000., 2020			Katra, India in	
		/		collaboration with SRM	
				Institute of Science and	- b
				Technology, Chennai and	
				Centre for	
				Advanced Studies, AKTU,	
				Lucknow, India.	
Rajiv Kumar	FDP on Tribology for Sustainable Development organized from		Coordinator	School of Mechanical Engineering, SMVD	National
	July 20th to July 24th, 2020			University	

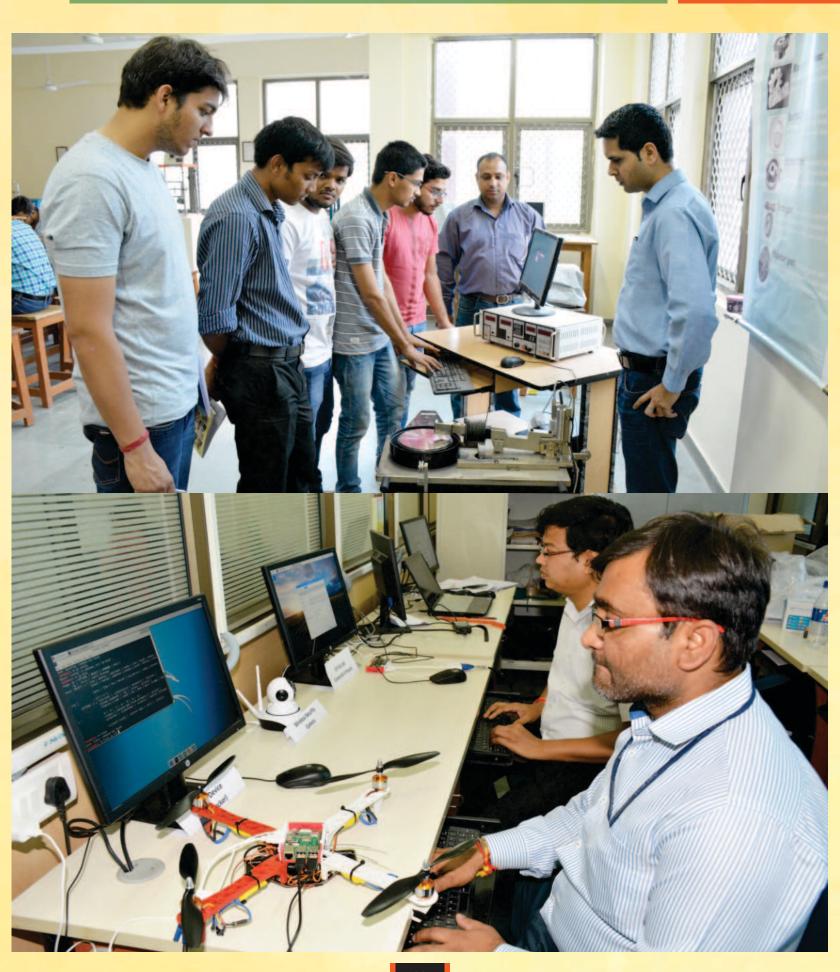
6.6 Ph.D. Guided 2020_2021

SI. No.	Name of	Name of the	Awarded	Submitted (Title of the
	Student	Supervisor/s	(Title of the	thesis/dissertation)
		Mention	thesis/dissertation)	
		Main		
		Supervisor:		
		Co-supervisor		
Dr. Sanjay	Deepak	Dr. Sanjay	Nil	Nil
Sharma	Byotra	Sharma		

6.7 Students' Achievement (2020-2021)

SI. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1.	Aniket Sharma	18mma002	Published M tech research paper in SCI-E based journal.	Sharma, S., Sharma, A., Jamwal, G., & Kumar Awasthi, R. (2021). The effect of V-shape protruded and dimple textured on the load-carrying capacity and coefficient of friction

				of hydrodynamic journal bearing: A comparative numerical study. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 235(5), 997-1011.
2.	Vivudh Gupta		1.One Week Online Short Term Course on "Hybrid Manufacturing Processes: Opportunities and Challenges" Organized at from 06 - 10 July, 2020 under TEQIP- III.	Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, India
			2.Online Short Term course on 'Tribology for Sustainable Development' July 20-24, 2020. 3. Online Short	School of Mechanical Engineering, SMVDU
			Term course on 'Tribology and Sustainability' organized August 24-28, 2020.	SRM Institute of Science and Technology, Tamil Nadu
	विङ	ज्ञान	4. Online Short Term course on 'Modeling Approach in Micro Machining Processes', October 26-30, 2020.	Department of Mechanical Engineering, School of Technology, Pandit Deendayal Petroleum University, Gandhinagar
			5. Completed NPTEL certificate on 'Advanced Machining Processes'by with Elite Score	Indian Institute of Technology, Guwahati



SCHOOL OF ELECTRICAL ENGINEERING

1. Name of the School: School of Electrical Engineering

2. **Faculty Profile:**

S. No	Name of the Faculty Member	Designation	Qualificatio n	Specialization
1	Dr Manish Sabraj	HoD	B.E, M. Tech, PhD	SIGNAL PROCESSING
2.	Dr. Arjun Tyagi	Assistant Professor	B.E, M. Tech, PhD	Power System
3.	Dr. Kamaldeep	Assistant Professor	B.Tech, M. Tech, PhD	Power Electronics
4.	Dr. Surajit Sannigarhi	Assistant Professor	B.E, M. Tech, PhD	Power System
5.	Mr. Shubham Chib	Assistant Professor	B.E, M. Tech	Power Electronics

3. **Programmes Offered & Enrollment (2020-2021):**

B. Tech	
65	

4. Details of B. Tech. Students (2020-2021):

Batch	Admitted Students			
2020 Entry	Male	Female	Total	
	52	13	65	

5. Information About Each Faculty

5.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2020-2021)

SI.No	Title of the project	Whether major or minor project	Funding agency	Funding received/ Total grants	Role performed: Investigator / Co- investigator / Project director	Date of commen cement and date of complet ion	Whether outcome/ outputs sent to sponsoring Govt. Agency
1.	A Large scale redox flow battery integrated hybrid cross wind solar PV energy management system	Major Project	Indo-EU Integrated Local Energy Systems	Awaited	Co- investigator		

5.2 Research Publications (with full details in below format) for 2020-2021:

Example:

For book:

For chapters in a book (2020-2021):

SI. No	Title of the chapter Author of the Chapter	Title of the book	Editors (Mention all Editors)	Name of the publisher Indicate National or International	ISBN No. and year of publication
1.	Kamaldeep, Himanshu Sharma, Sanjay Kumar, Arjun Tyagi, "Selective Harmonic Elimination for Cascaded Multilevel Inverters Using Particle Swarm Optimization Algorithm"	Renewable Energy Systems: Modelling, Optimization and Applications, Wiley	Sanjay Sharma	Wiley International	Accepted
2.	Himanshu Sharma, Kamaldeep, " A comparative study on the various topologies used for Z- source Inverter,"	Renewable Energy Systems: Modelling, Optimization and Applications, Wiley	Sanjay Sharma	Wiley International	Accepted

For paper (2020-2021):

SI. No.	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise & Whether the applicant is the main author	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: DoI: (ISSN or DoI)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
1.	Yes/ No 1. Arjun Tyagi 2. K. Kumar, 3. R. Krishan, 4. S. J Singh 5.M. Sardhalia Yes	Optimal Allocation Provision for EV Charging Stations in the Low Voltage Distribution System	Publisher: IAEME Publication ISSN: 0976-6553	vol. 12, no. 2, pp. 42-49, February 2021	Scopous

5.3 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented (2020-2021)

SI. No	Title of the Seminar/Conference /Workshop and Dates & Year	Title of the Talk (if presenter) Or For Shor-term course & Workshop (NA)	Organizing agency	Who presented as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker Or Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1.	The International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE 2020) 9 th -10 th October 2020		REVA University, Karnataka, India.	Dr. Kamaldeep (Session Chair)	International (with in the country)
2.	Gender Equality and Women's Rights 16 th July 2020	Webinar	National Institute of Technology Kurukshetra	Dr. Kamaldeep (Attended)	National
3.	Power Electronics Applications to Industrial Systems 7 th -11 th September 2020.	FDP	National Institute of Technology (NIT), Silchar, Assam	Dr. Kamaldeep (Attended)	National
4.	Artificial Intelligence using Python 14 th -19 th September 2020.	FDP	Brainovision Solutions India Pvt.Ltd. & National Youth Council of India	Dr. Kamaldeep (Attended)	National
5.	Universal Human Values for DEEKSHARAMBH (Student Induction Program) 21st-25th September 2020.	FDP	NIT Patna	Dr. Kamaldeep (Attended)	National
6.	Train the Trainer on Examination Reforms 4 th -7 th December 2020	i e i	BVB College of Engineering and Technology, Hubballi	Dr. Kamaldeep (Attended)	National
7.	Industrial Automation Using IOT in India 12 th June 2021		Aravali College of Engineering and Management, Faridabad	Dr. Kamaldeep (Attended)	National
8.	Entrepreneurship Development 17 th - 30 th June, 2021	FDP	SMVDU Katra	Dr. Kamaldeep (Attended)	National
9.	Universal Human Values (UHV) 24 - 28 May, 2021	FDP	AICTE	Dr. Surajit Sannigarhi	National

5.4 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

SI. No	Title of the Seminar/Conference /Workshop/Etc. and Dates & Year	Organiser's Name	Role	Organizing agency	National/ International (abroad)/ International (within the country)/ State/University
1.	National Technology Day an virtual event commenced as a part of 'Azadi ka Amrit Mahotsav'	Dr. Kamaldeep	Cordinator	SoEE, SMVDU	National
2.	"International Day for Action for Women's Health" an virtual event commenced as a part of 'Azadi ka Amrit Mahotsav'	Dr. Kamaldeep	Cordinator	SoEE, SMVDU	National
3.	"World Environment Day" an virtual event commenced as a part of 'Azadi ka Amrit Mahotsav'	Dr. Kamaldeep	Cordinator	SoEE, SMVDU	National

5.5 Students' Achievement (2020-2021)

SI. No.	Name of the Student	Entry No.	Achievement &	Institution,		
			Title of the	organized the Event		
			Event with			
			dates			
1	M. Cardbalia	10055014		International Journal		
1.	M. Sardhalia	18BEE014	Paper Publication	International Journal		
			Optimal	of Electrical		
			Alloca <mark>tion</mark>	Engineering and		
			Provision for EV	Technology		
			Charging			
			Stations in the			
			Low Voltage			
			Distribution			
2	C 1 C'	10055006	System	7 1 1: 1 7 1		
2.	S. J Singh	18BEE026	Paper Publication	International Journal		
			Optimal	of Electrical		
			Allocation	Engineering and		
			Provision for EV	Technology		
	1		Charging			
			Stations in the			
			Low Voltage			
			Distribution			
			System			
2	7 1 - 14/	10055027	0 -1-	C. FF. CM/PLI		
3.	Zuha Wani	18BEE037	Orator	SoEE, SMVDU		
			National			
			Technology Day			
			an virtual event			
			commenced as a			
			part of 'Azadi ka			
			Amrit Mahotsav'			
			/ IIIII Fidilocav			

4.	Suhani Baru	18BEE031	Orator "International Day for Action for Women's Health" an virtual event commenced as a part of 'Azadi ka Amrit Mahotsav'	SoEE, SMVDU
5.	Reshal Gupta	18BEE021	Orator "World Environment Day" an virtual event commenced as a part of 'Azadi ka Amrit Mahotsav'	SoEE, SMVDU



SCHOOL OF CIVIL ENGINEERING

- 1. Name of the School: School of Civil Engineering
- 2. Profiles:

Faculty

S. No	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. Rahul Sharma	Assistant Professor	Ph.D.	Strcutures and Concrete Technology
2	Dr. B.B.Jindal	Assistant Professor	Ph.D.	Structural Engineering
3	Dr. Vaibhav Sapkal	Assistant Professor	Ph.D.	Environmental Engineering
4	Mr. Ankur	Assistant Professor	M.Tech	Structural Engineering

3. Details of B.Tech Civil Engg. Students (2020-2021):

Batch	Admitted Students				
2020 Entry	Male	Female	Total		
60	45	07	52		

4. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2020-2021):

Example:

S. No	Title of the seminar/c onference and dates & year	Talk	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ International (abroad)/ International (within the country)/ State/University
1	Emerging Trends in Civil Engineering Impacting the Construction Industry, November 03-07, 2021	Municipal solid waste scenario in India	Civil Engineering Department of Rajkiya Engineering College, Ambedkar Nagar, U.P	Dr. Vaibhav Sapkal Invited lecture	National

5. Information About Each Faculty

5.1 Research Publications (with full details in below format) for 2020-2021:

Example:

For book:

SI.	Title of the book	Authored/ Co-	Name of the	ISBN No.
No.		authored	publisher	Year of publication
		(Mention all	Indicate	
		authors)	National or	
			International	

For chapters in a book (2020-2021):

Composite Materials Manufacturing, Properties and Applications Dr. Bharat Bhushan Jindal I.M. Low & Yu Dong Curtin Univesity, Australia. Geopolymer composites modified with nanomaterials, International, ELSEVIER, Australia Paperback ISBN: 978012820 5129	SI. No.	Title of the chapter Author of the Chapter	Title of the book	Editors (Mention all Editors)	Name of the publisher Indicate National or International	ISBN No. and year of publication
eBook	1	Manufacturing, Properties		Curtin Univesity,	composites modified with nanomaterials, International, ELSEVIER, Australia Paperback ISBN: 978012820 5129	Pages 25- 51

For paper (2020-2021):

SI. No.	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise & Whether the applicant is the main author Yes/ No	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: DOI: (ISSN or DoI)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer- reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
1.	Dr. Rahul Sharma Author	Sulfate resistance of self compacting concrete incorporating copper slag as fine aggregates with mineral admixtures		Volume 287, Year 2021	SCI Impact factor- 4.419

2.	Dr. Bharat Bhushan Jindal Co-Author	Structural health monitoring methods dispersion of fibers, micro and macro structural properties, sensing and mechanical properties of selfsensing concrete-A review	Structural Concrete Impact factor 2.174	April 2021	ESCI
3.	Dr. Vaibhav Sapkal Author	Methane Generation Potential From Landfill Leachate Of Municipal Solid Waste as an energy source – A Lab Scale Study,	Journal - Journal of Huazhong University of Science and Technology, Volume 50,Issue April-2021	Year April 2021	SCopus
4.	Dr. Vaibhav Sapkal Author	Treatment of highly contaminated wastewater generated from the municipal solid waste by the anaerobic process in control conditions		Year May 2021	SCopus

5.2 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended or Presented (2020-2021)

S. No.	Title of the	Title of the	Organizin	Who presented as	National/
	Seminar/Conferenc	Talk (if	g agency	Invited	International
	e/Workshop and	presenter)		lecture/Resource	(abroad)/
	Dates & Year	Or		person/Keynote	International
		For Shor-		speaker/Paper	(within the
		term		presenter/Plenary	country)/
		course &			State/University
		Workshop		Or	
		(NA)		Simply Attended	
1.	Prospects of	(1111)	NIT	Dr. Rahul Sharma	National
1	sustainability in		Jalandhar	Attended	Macional
	Pavement		Jaiariariar	Accended	
	Construction in India				
	14 July 2020 -18 July				
	2020				
2.	Strategic Civil		AICTE and	Dr. Rahul Sharma	National
	Infrastructure		IIT	Attended and	Hacional
	01 October - 05		Hyderabad	completed successfully	
	October 2020		117 4 61 4 5 4	compressed succession,	
3.	Smart Grid, Internet		AICTE,	Dr. Rahul Sharma	National
	of Things and Green		ISTE and	Attended and	
	Energy Building		PIEMR	completed successfully	
	16 March – 22 March		Indore	January 1	
	2021				
4.	Quantitative Data		SMVDU	Dr. Rahul Sharma	National
	Analysis using		and	Attended	
	STATCRAFT		STATCRAFT		
	01 February - 05		Bangalore		
	February 2021				

5.	Use of Micro Materials in Concrete 04 July 2020	Qcrete Readymix(I ndia) Pvt Ltd	Dr. Rahul Sharma Attended	National
6.	Development and Application of special concrete January – March 2021 (equivalent to one week)	NPTEL, & AICTE	Dr. Rahul Sharma Attended and completed successfully	National
7.	Analysis and Design of Structures: Practices and Challenges Feb. 15-19,2021	NIT, Jalandhar	Dr. Bharat Bhushan Jindal Attended and completed successfully	National
8.	Responsibilities of stakeholders of Earthquake PART-1 Nov. 02,2020	QCRETE READYMIX (INDIA) PVT. LTD.	Dr. Bharat Bhushan Jindal Attended and completed successfully	National
9.	Understanding Metakaolin July 20,2020	QCRETE READYMIX (INDIA) PVT. LTD.	Dr. Bharat Bhushan Jindal Attended and completed successfully	National
10.	Building Materials for Sustainable Construction – Metalogic PMS Webinar Feb. 26,2021	METALOGIC International	Dr. Bharat Bhushan Jindal Attended and completed successfully	National
11.	Expert Lecture on "Misconceptions and Facts about Ready- mix Concrete" July 25,2020	Indian Concrete Institute- Bangalore Centre	Dr. Bharat Bhushan Jindal Attended and completed successfully	National

5.3 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

S. No.	Title of the Seminar/Conferenc e/Workshop/Etc. and Dates & Year	Organiser's Name	Role	Organizing agency	National/ International (abroad)/ International (within the country)/ State/University
1.	Worshop on Open Roads, 29 March - 04 April 2021	Dr. Rahul Sharma Dr. Vaibhav Sapkal Dr. Bharat Bhushan Jindal	Co- Coordinator Orgainsing Secreatary	SMVDU Katra, in collbration with Innovative Systel, Jammu	National

SCHOOL OF ARCHITECTURE AND LANDSCAPE DESIGN

1. Name of the School: School of Architecture and Landscape Design

2. Faculty Profile:

S. No	Name of the Faculty Member	Designation	Qualifications	Specialization
1	Ar. Aditya Kumar Singh	Associate Professor and Head of School	B. Arch.,M.L.A., FISOLA	Landscape Architecture
2	Dr. Vijendra Kumar Dogra	Associate Professor	B.Tech.,M.Tech.,Ph.D.	Structural Engineering
3.	Ar. Abhiney Gupta	Assistant Professor	B. Arch., M.Arch.	Architecture
4.	Ar. Navin Gupta	Assistant Professor	B. Arch.,M.Arch.	Landscape Architecture
5.	Ar. Abhimanyu Sharma	Assistant Professor	B. Arch., M.Arch.	Architecture
6.	Ar. Anoop Kumar Sharma	Assistant Professor	B. Arch., M.Arch.	Architecture
7.	Ar. Vinod Kumar	Assistant Professor	B. Arch., M.C.P.	City Planning
8.	Ar. Satyanshu Kumar	Assistant Professor	B. Arch.,M.Tech.	Disaster Mitigation & Management
9.	Ar. (Dr.) Sourovee Dutta	Assistant Professor	B. Arch., M.Arch., M.Plan., Ph.D.	Urban Design

3. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2020-2021):

SI. No	Title of the seminar/conference and dates & year	Title of the Talk	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ International (abroad)/ International (within the country)/ State/University
1	Gully Street Design International Competition Global Lecture Series 04.10.2020	Streetscape Perceptions	OCULUS India	Ar. Aditya Kumar Singh	International

4.1 Research Publications (with full details in below format) for 2020-2021:

Example:

For book:

For paper (2020-2021):

SI. No.	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise & Whether the applicant is the main author Yes/ No	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: DoI: (ISSN or DoI)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
1.	1. Ar. Aditya Kumar Singh 2. Das, V. M. and 3. Garg, Y. K Yes	Cultural Continuity through Analysing Architecture of Hindu Temples in India.	International Journal on Emerging Technologies ISSN No.: 0975- 8364 DoI:	Volume:3 Issue No.:11 Year:2020 Page Nos.:1072- 1081	SCOPUS 2020 INDEXED
2.	1. Vibhushit Gupta, 2. Shubham.K.Verm a, 3. Sanjeev Anand, 4. Ar. Navin Gupta, 5. Yathesth Anand,	Evaluation of Thermal comfort and energy usage for an enclosed cavity across different climatic zones of India	ENERGY ENGINEERING, TECH SCIENCE PRESS	Volume:118 Issue No.:5 Year: 2021 Page Nos.: 1317-1331,	SCOPUS INDEXED
3.	Vinod Kumar, Rajeev Garg Yes	The Contibution of Mass Rapid Transit System (MRTS) in active living ina Mega City	In Proceeding of 6th International Conference on "Recent Trends and Advancements in Engineering and Technology (ICRTAET)/India, 978-93-88484-94-7	26/2020	UGC Listed
4.	Vinod Kumar, Amit Sinha, Rajeev Garg Yes	The Relationship of Quality of Urban Life to Spatial Conditions	In Proceedings of First International Conference on Technologies for Smart Green Connected Society 2021 on 29-30 th November 2021 by SPAST Foundation & Yokohama National University, Japan.	2022	-

5.	Rajiv Kumar,	Effect of Water	International	Vol.06/No.0	Scopus,
	Amit K. Sinha,	Absorption on	Journal of	1	UGC CARE List
	Sanjay Sharma,	Mechanical	Mechanical	Page No	Group -II
	Varun	Properties of	Engineering,	3537-	
	Dutta,Vinod	Natural Fibre	Kalahari Journal	3540/January	
	Kumar, Vaibhav	Reinforced Polymer	09745823	2022	IF- 2.1
	Sapkal	Composites: A			
		Review			
	No				

4.2 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended or Presented (2020-2021)

SI. No	Title of the	Title of the	Organizing	Who presented as	National/
	Seminar/Conference	Talk (if	agency	Invited	International
	/Workshop and	presenter)		lecture/Resource	(abroad)/
	Dates & Year	Or		person/Keynote	International
	7	For Shor-term		speaker/Paper	(within the
		course &		presenter/Plenary	country)/
		Workshop		speaker	State/University
		(NA)		Or	State, Sinversit,
		(144)		Simply Attended	
1.	SPARK:	Organized by	Organized by	1.Ar. Sourovee Dutta	State/ University
1.	International	SASI Creative	SASI Creative	(main author who	State/ University
	Conference on	School of	School of	presented the paper)	
	Architecture	Architecture,	Architecture,	2 11 1	
	and Beyond	Coimbatore,	Coimbatore,	2. Mohd.	
	(ICAB 2021),	Ta <mark>mil</mark> nadu	Tamilnadu	Hussain	
	Held on 25 & amp;				
	26 March, 2021				
	(online)				
2.	Introduction to SARG		SARG	Ar. Aditya Kumar	International
	Courses			Singh (Attended)	
	14.04.2021				
	Use of configurational		SARG	Ar. Aditya Kumar	International
	science in designing			Singh (Attended)	
	future cities—an			,	
	evidence-based				
	approach to spatial				
	planning and design				
	05.01.2021				
3.	Spatial Anaytics		SARG	Ar. Aditya Kumar	International
٥.			SAILO		International
	26.01.2021			Singh (Attended)	

4.	Building Capability in		Principal	Ar. Aditya Kumar	National
	Academia for Industry		Scientific	Singh (Attended)	
	Engagement		Adviser (Govt.		
			of India), IIT		
	29 - 30 Jan 2021		Madras and		
	29 - 30 Jan 2021		Deloitte		
5.	Cross rating for		IIA & GRIHA	An Aditus Kuman	National
٥.	Green rating for			Ar. Aditya Kumar	Ivational
100	Integrated Habitat		Council of India	Singh (Attended)	
	Assessment				
	06.03.2021				
6.	Creating Moments in		Harvard	Ar. Aditya Kumar	International
	Time-Adding Meaning		Business	Singh (Attended)	
	and Depth to Everyday		Publishing	,	
	Practice		Education		
	11.02.2021		Ladeation		
7.	Making Online		Harvard	Ar. Aditya Kumar	International
/ .					International
1 1	Classrooms Work for		Business	Singh (Attended)	
	You (and Your Students		P <mark>u</mark> blishing P		
	19.11.2020		Education		
8.	Designing a Curriculum		Harvard	Ar. Aditya Kumar	International
	for Online and Hybrid		Business	Singh (Attended)	
	Classes		Publishing		
	09.07.2020		Education		
9.	Blended Learning and		AICTE Training	Ar. Aditya Kumar	National
	flipped classrooms		and Learning	Singh (Attended)	
	10.08.2020		(ATAL)	Siligil (Aleccinada)	
	10.00.2020		Academy		
			Academy		
10.	Spatiotemporal		CoA-TRC &	Ar. Aditya Kumar	National
10.	Continuum of				National
			MANIT	Singh (Attended)	
	Traditional Knowledge				
	in Architecture: A				
	Narrative on India				
	28.11.2020				
11.	Why IP is important in		MoE's	Ar. Abhiney Gupta	National
	Academia?		Innovation Cell,	(Attended)	
	26-04-2021		Govt. of India		
12.	Design- A -Practice		ACEDGE	Ar. Abhiney Gupta	National
	Catalyzing your start-			(Attended)	
	up practice			(7.1000.7000)	
	Regd.				
12	02-05-21		Mongia Craur	Ar Abbinou Custs	Local
13.	Seminar by Mongia		Mongia Gr <mark>oup</mark>	Ar. Abhiney Gupta	Local
	Steel			(Attended)	
1.4	21-01-21	7	71 11 11		
14.	23-10-2020	Introduction to	The Hong Kong	Ar. Abhiney Gupta	International
		Indoor Air	University of	(Attended)	
		Quality	Science and		
			Technology		
15.	Webinar on "Advanced		Council of	Ar. Navin Gupta	National
	building services"		Architecture	(Attended)	
	online on 2 nd , 3 rd , 6 th ,		Training &	, and the same of	
	7 th July'2020		Research		
	7 3417 2020		Centre		
16.	Webinar on " AICTE		AICTE	Ar. Navin Gupta	National
10.	Incorporating Universal		AICIE	(Attended)	Ivacional
				(Attenueu)	
	Human Values in				
	Education (An AICTE				
	Initiative)"				
	Iniciacive)				

17.	One day conference organized by Mongia Steel Limited	Importance of different grades of steel	Mongia Steel Limited	Ar. Navin Gupta (Attended)	National
18.	Mughal Architecture and Design of Ancient India 31st May 2021	grades or steel	Federico von Borstel on Udemy.	Ar. Abhimanyu Sharma (Attended)	National
19.	"How To Teach Online": Providing Continuity for Students 31st May 2021		Matt Jenner Head of Learning FUTURE LEARN	Ar. Abhimanyu Sharma (Attended)	International
20.	SOLVING INEQUALITY IN EDUCATION 1st June 2021		FUTURE LEARN (VP of People, Samsung Electronics UK Samsung)	Ar. Abhimanyu Sharma (Attended)	International
21.	PRINCIPLES OF ENGINEERING 5th June 2021		FUTURE LEARN (King's College London)	Ar. Abhimanyu Sharma (Attended)	International
22.	"Adjusting to the New Normal: Resilience in Difficult Times"		Council Of Architecture (CoA)	Ar. Abhimanyu Sharma (Attended)	National
23.	Seminar on Industrial timber products at Fortune Inn Riviera, Jammu.		Kwality Plywood (Mr. Rajneesh Gupta)	Ar. Abhimanyu Sharma (Attended)	Local
24.	Seminar on "GYPROC" comprising of works pertaining to Pre-Fab Structures, Slabs, Ceiling, Partitions etc. at Redisson Hotel, Jammu		GYPROC India	Ar. Abhimanyu Sharma (Attended)	National
25.	Seminar on "MONGIA CEMENT"		MONGIA CEMENT	Ar. Abhimanyu Sharma (Attended)	National
26.	First International Conference on Technologies for Smart Green Connected Society on 29-30 th November 2021	The Relationship of Quality of Urban Life to Spatial Conditions	SPAST Foundation & Yokohama National University, Japan	Ar. Vinod Kumar (Attended)	International
27.	Training Program on "Green Building- The GRIHA way" from 31 st May to 4 th June 2021	Green Building- The GRIHA way	Council of Architecture Training and Research Centre, (COA-TRC).	Ar. Vinod Kumar (Attended)	National
28.	Training Program on " Advance Building Services" on 02,03,06 & 07th July 2020	Advance Building Services	Council of Architecture Training and Research Centre, (COA-TRC)	Ar. Vinod Kumar (Attended)	National
29.	Training Program on "Provisions of Energy Conservation Building Code (ECBC)" From 26th to 30th April 2021	Provisions of Energy Conservation Building Code (ECBC)	Council of Architecture Training and Research Centre, (COA-TRC)	Ar. Vinod Kumar (Attended)	National

30.	Short Term Course (Online) on "Climate Responsive Settlement Planning, Urban Design, And Architecture" from 23rd June to 27th June 2020	Climate Responsive Settlement Planning, Urban Design, And Architecture	Tulsiramji Gaikwad-Patil College of Architecture, Nagpur	Ar. Vinod Kumar (Attended)	National
31.	Short Term Course (Online) on Vastushastra from 8th June to 12th June 2020.	Vastushastra	Tulsiramji Gaikwad-Patil College of Architecture, Nagpur	Ar. Vinod Kumar (Attended)	National
32.	Short Term Course on Energy and Innovative Building Construction Practices from 23/08/2021 to 28/08/2021 (One Week)	Energy and Innovative Building Construction Practices	Civil Engineering Department,NI TTTR Chandigarh	Ar. Vinod Kumar (Attended)	National
33.	e-workshop on "Qualitative Data Analysis with 'NVivo' held from 8 th to 9 th January 2022	Qualitative Data Analysis with 'NVivo'	Commacad	Ar. Vinod Kumar (Attended)	National
34.	e-workshop on "Data Analysis with SPSS(Basic to Intermediate) " held from 19 th to 21 st November 2021	Data Analysis with SPSS(Basic to Intermediate)	Commacad	Ar. Vinod Kumar (Attended)	National
35.	e-workshop on "Advance Data Analysis with SPSS" held from 27 th to 28 st November 2021	Advance Data Analysis with SPSS	Commacad	Ar. Vinod Kumar (Attended)	National
36.	e-workshop on "Data Analysis with R Programming" held from 10 th to 12 th December 2021	Data Analysis with R Programming	Commacad	Ar. Vinod Kumar (Attended)	National
37.	Faculty Development Program on " Augmented Reality (AR)/ Virtual Reality (VR)" from 16 th June to 20 th June 2020.	Augmented Reality (AR)/ Virtual Reality (VR)	National Institute of Technology Warangal and AICTE Training And Learning (ATAL) Academy	Ar. Vinod Kumar (Attended)	National
38.	ARPIT (MOOC Course) on "Emerging Areas In Hospital Planning, Design, Construction, And Facilities Management" from 01 Sep 2019 to 31 Jan 2020	Emerging Areas In Hospital Planning, Design, Construction, And Facilities Management	conducted by the School of Planning and Architecture, New Delhi	Ar. Vinod Kumar (Attended)	National

39.	MOOC Certification Course on "Sustainable Construction Materials and Techniques" during 1st Dec 2020 to 31st March 2021 which is	Sustainable Construction Materials and Techniques	NITTTR Chennai.	Ar. Vinod Kumar (Attended)	National
40.	Webinar on "Temple Architecture" on 18 th June 2020	Temple Architecture	IGNCA	Ar. Vinod Kumar (Attended)	National
41.	Webinar on "Cyberology for 21st century Classrooms" on 18th -19th May,2020	Cyberology for 21 st century Classrooms	IUCTE, Maharaja Sayaji Rao University of Baroda, Vadodara, Gujrat.	Ar. Vinod Kumar (Attended)	National
42.	Webinar on Conquering the intricacies of citations and references on 24 th August 2021	Conquering the intricacies of citations and references	Willy	Ar. Vinod Kumar (Attended)	International
43.	Webinar on Mastering the craft of academic writing: a systematic approach on 31st august 2021	Mastering the craft of academic writing: a systematic approach	Willy	Ar. Vinod Kumar (Attended)	International
44.	Webinar on Winning the game of publishing research papers, raising your profile, extending the impact of your publications on 07th September 2021	Winning the game of publishing research papers, raising your profile, extending the impact of your publications	Willy	Ar. Vinod Kumar (Attended)	International
45.	Webinar on "Attracting grants and funds for research" on 14 th September 2021	"Attracting grants and funds for research"	Willy	Ar. Vinod Kumar (Attended)	International
46.	Webinar on "Daylighting Simulation for ECBC Compliance" on 25 th Feb,26 th Feb & 03 rd March 2021	Daylighting Simulation for ECBC Compliance	Punjab Energy Development Agency(PEDA) & BEE.	Ar. Vinod Kumar (Attended)	National
47.	Webinar on "How Asian Cities Coping with COVID-19?" on 23 rd April 2020	" How Asian Cities Coping with COVID- 19?	Smart Cities Council India.	Ar. Vinod Kumar (Attended)	National
48.	Webinar on "Smartening Port Development by Construction World/Infrastructure Today" on 12 th May 2020	Smartening Port Development by Construction World/Infrastru cture Today	Infra-e- conclave.	Ar. Vinod Kumar (Attended)	National
49.	Short Term Course (Online) on Research Methodology in Architecture from 11- 15 th April 2022	Research Methodology in Architecture	N.I.T. Patna.	Ar. Vinod Kumar (Attended)	National

Urban Land- Use and Transportation Planning 14/09/2020 - 04/12/2020 (12 weeks MOOC and FDP) Prof. Debapratim Pandit, Associate Professor at the Department of Architecture and Regional	n National
14/09/2020 – Professor at the Department of Architecture	
04/12/2020 (12 weeks MOOC and FDP) Department of Architecture	
MOOC and FDP) Architecture	
and Regional	
Planning,	
Indian Institute	
of Technology,	
Kharagpur.	
51. Sustainable Amity School of Ar. Sourovee Dutta	n National
Built Architecture & (attended)	
Environment in Planning, Amity the Face of University,	
COVID-19 Kolkata in	
09/07/2020 – collaboration	
10/07/2020 & with Centre for	
13/07/2020 – Science and	
15/07/2020 Environment	
(5 days FDP / MOOC) (CSE), New	
52. 19/11/2020 Essentials of Elsevier in Ar. Sourovee Dutta	n National
(1 day Online Training) Research collaboration (attended)	National
Writing & Using with SMVDU	
Mendeley	
Reference	
Manager	
53. International MM School of Ar. Sourovee Dutta	International
Conference on Re- Discovering Cities Architecture, MM University, (attended)	
(ICRC 2K20) Ambala & IIA	
07/07/2020 - (Hry-Pb	
09/07/2020 Chapters)	
54. FDP & MOOC IIT Roorkee Ar. Satyanshu Kum	nar National
Certification Corse with NA (Attended)	
silver medal on	
"Principles and Applications of	
Building Sciences"	
through NPTEL	
Sep-Oct 2020	
(4week course)	
	7
55. 3-day lecture series Rediscovering MM University Attended by Ar. And Guring International Cities' Attended by Ar. And Kumar Sharma	
during International Cities' and IIA Kumar Sharma	(online mode)
"Rediscovering Cities'	
organized by MM	
university, Ambala	
during 7 th -9 th July,	
2020. (organized in	
collaboration with IIA).	non Notices (Outine
56. 1 week workshop Socio- NIT Hamirpur Attended by Ar. And (18 th -22 nd Dec, 2020) ecological (H.P) Kumar Sharma	noop National (Online mode)
on socio-ecological resilience in	mode)
resilience in hills, hills	
organized by	
Department of	

57.	1 week workshop (28 th Oct -1 st Nov, 2020) on 'Traditional knowledge and urban resilience' organized by Department of Architecture, NIT Hamirpur (H.P.)	Traditional knowledge and urban resilience	NIT Hamirpur (H.P)	Attended by Ar. Anoop Kumar Sharma	National (Online mode)
58.	08 weeks NPTEL- SWAYAM Course (Sept- Nov, 2020) on topic contemporary Architecture and Design with Silver Medal and Elite certification, organized by IIT Roorkee.	Contemporary Architecture and Design	IIT Roorkee	Attended and Qualifed through offline exam by Ar. Anoop Kumar Sharma	National
59.	Attended 1-week long online training program (26 th -30 th April, 2021) conducted by Council of Architecture (CoA)-TRC in collaboration with Bureau of Energy Efficinency on the topic 'Introduction to ECBC (Energy conservation building Code)'.	'Introduction to ECBC (Energy conservation building Code)'.	Council of Architecture in collaboration with BEE.	Attended by Ar. Anoop Kumar Sharma	National (Online mode)

4.3 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

SI. No	Title of the Seminar/Conference /Workshop/Etc. and Dates & Year	Organiser's Name	Role	Organizing agency	National/ International (abroad)/ International (within the country)/ State/University
1.	Geospatial Inputs for Enabling Master Plan Formulation July 27,2020 to July 31,2020	Ar. Aditya Kumar Singh	University Coordinator	Indian Institute of remote Sensing, ISRO Dehradun ISRO, Dept. of Space, Govt. of India	National
2.	6 th International Conference on "Recent Trends and Advancements in Engineering and Technology (ICRTAET)" held on 17-18 th January, 2020	Dr. Rakesh Kumar Jha, Vinod Kumar	Organizing Member	SMVD University, Katra,J & K.	International
3.	Webinar on "Building Services" which was organized 27th September, 11th October and 18 th October 2020 at SoALD, SMVD University.	Anoop Kumar Vinod Kumar,	Secretary Orgnaizing Secretary	SoALD ,SMVD University, Katra,J & K.	National

4.4 Students' Achievement (2020-2021)

SI. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1.	Yagvendra Kumar Mamoria	15bal025	National Award for Excellence in Architectural Thesis and JK AYA Best Architecture student of the year award for his UGC thesis on National War and Military Museum Delhi, March 2021	Council of Architecture-TRC Pune
2.	Adarsh Kumar Singh	15bar001	Best studio project award of Transparence 2020, Feb 2021	ETHOS Foundation and Saint Gobain
3.	Chanchal	18bar	NPTEL online certification Elite Category	NPTEL



FACULTY OF MANAGEMENT

SCHOOL OF BUSINESS

1. Name of the School: School of Business

2. Faculty Profiles:

S. No.	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. Supran Kumar Sharma	Associate Professor	Ph.D., M.A.	Project Management, Entrepreneurship Management, Decision Science, Research Methods, Managerial Economics
2.	Dr. Ashutosh Vashishtha	Associate Professor	Ph.D., MBA	Finance
3.	Dr. Jyoti Sharma	Associate PRofessor	Ph.D., M.Com.	Human Resource Management and Organsiation Behaviour
4.	Dr. Sushil Kumar Mehta	Associate Professor	Ph.D., MBA	Finance
5.	Dr. Saurabh	Associate Professor	Ph.D., MBA	Strategic Management and Marketing
6.	Dr. Hari Govind Mishra	Associate Professor	Ph.D., MBA	Marketing
7.	Dr. Arti Maini	Assistant Professor	Ph.D., MBA	Human Resource Management
8.	Dr. Rashi Taggar	Assistant Professor	Ph.D., MBA	Marketing and Supply Chain Management
9.	Dr. Sanjay Kumar Mishra	Assistant Professor	Ph.D., MBA	Finance
10.	Dr. Syeda Shazia Bukhari	Assistant Professor	Ph.D., MBA	Human Resource Management and Marketing
11.	Dr. Deepak Jain	Assistant Professor	Ph.D., MBA	Marketing, Rural Marketing

3. Programmes Offered & Enrollment (2020-2021):

5 years Integrated MBA	M.B.A.	Ph.D
120	84	09

4. Details of M.B.A. Students (2020-2021):

Batch	Admitted Students				
2020 Entry	Male Female Total				
84	36	48	84		

5. Details of 5 years Integrated MBA Students (2020-2021):

Batch	Admitted Students				
2020 Entry	Male Female Total				
120	84	36	120		

6. Details of Research Scholars:

Year 2020-21	Ph.D.		
	Male	Female	Total
Admitted 2020-21	03	06	09
Awarded 2020-21	02	01	03
Total Presently under Supervision	18	20	38

7. Degree Awardees Nos. (2020-2021):

M.B.A: 54 Ph.D.: 3

Information of Ph.D. Degree Awardees (2020-2021):

SI. No	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.
1.	Sonali Heera	Dr. Arti Maini	13PHDSOB07
2.	Ajaz UI islam	Dr. Sanjay Kumar Mishra	13PHDSOB04
3.	Sahil Singh Jasrotia	Dr. Rooplal Sharma and D <mark>r. H.G. Mishra</mark>	15DBU004

8. Extension Lectures Delivered by Outside Experts/Outside Faculty in the School (2020-2021):

SI. No.	Title of the seminar/conference and dates & year	Title of the Talk	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ International (abroad)/ International (within the country)/ State/University
1.	Orientation Program for freshers of School of Business, 9 October 2020	Motivating future managers	SoB	Ms Harshita Dhal , HR Manager- Mondelez	University
2.	National Workshop on 'Quantitative Data Analysis using STATCRAFT', 1 Feb 2021	data preparation and descriptive statistics	SoB and STATCRAFT, Bangalore	Mr. Subhadip Dey, Statistician from STATCRAFT	National
3.	National Workshop on 'Quantitative Data Analysis using STATCRAFT', 2-5 Feb 2021	sessions on t- test, One way ANOVA, Two way ANOVA, Correlation, Regression, Factor Analysis, Cluster Analysis, Linear Discriminant Analysis	SoB and STATCRAFT, Bangalore	Prof. Saurabh Agarwal, HBTI-Kanpur	National
4.	Interactive Session, 24 Feb 2021	Interactive session	SoB	Brigadier Udai Jawa	University

5.	Workshop on Business Model Canvas, 29 March 2021	Preparation of Lean Business Canvas	IIC & EDC- SMVDU	Dr. Ashish Arora, Head, GNDU College, Jallandhar	National
6.	Workshop on Intellectual Property Rights (IPR) & IP Management for Startup, 30 March 2021	Application of IPRs	IIC & EDC- SMVDU	Prof. Sudhir K Jain, Prof. Emeritus, Atal Bihari Vajpayee School of Management & Entrepreneurship, Jawaharlal Nehru University	National
7.	Workshop on Intellectual Property Rights (IPR) & IP Management for Startup, 30 March 2021	Relevance of IPRs to commercialize the innovations in business start-ups	IIC & EDC- SMVDU	Dr. Lakhwinder Pal Singh, Associate Professor, Department of Industrial and Production Engineering	National
8.	Lecture Series on Rural Marketing: A Way Ahead, 23 March 2021	Scope and challenges of rural marketing	SoB	Dr. Mahesh Suresh Chopde, the resource person from Mahatma Gandhi National Council for Rural Education, MoE, GOI, Nagpur	University
9.	Lecture Series on Rural Marketing: A Way Ahead, 25 March 2021	Approaches to reach rural markets and the application of Rural Marketing Information Systems	SoB	Mr. J. Sai Sudheer Kumar, resource Person from MGNCRE, Andhra Pradesh	University
10.	Lecture Series on Rural Marketing: A Way Ahead, 26 March 2021	Selecting rural markets and developing strategies to target rural customers	SoB	Mr. Manoj Parmar, Managing Director, Eduknox Technologies, Telangana	University
11.	Lecture Series on Rural Marketing: A Way Ahead, 31 March 2021	The avenues of rural tourism in Jammu and the challenges	SoB	Dr. Suvidha Khanna, Assistant Professor of School of Hospitality and Tourism Management	University
12.	Lecture Series on Rural Marketing: A Way Ahead, 6 April 2021	The marketing of agriculture inputs and mobile trading in rural markets	SoB	Dr. Manisha Jagtap, Associate Professor, Dnyansagar Institute of Management and Research, Pune	University

Extension Lectures Delivered by in-house Faculty in the School (2020-2021):

SI. No.	Title of the seminar/conference and dates & year	Title of the Talk	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ International (abroad)/ International (within the country)/ State/University
1.	AICTE Sponsored STTP on "Strategic Planning in Higher Education Institutions: Issues,	'Professional Development of Human Resources &	AICTE Sponsored STTP on "Strategic	Dr. Supran Kumar Sharma : Resource Person	National

2.	Tools and Techniques" at MIET, Jammu 10th June, 2021	Higher Education: Challenges & Prospects'	Planning in Higher Education Institutions: Issues, Tools and Techniques" at MIET, Jammu AICRP	Dr. Supran Kumar	National
2.	Dr. Supran Kumar Sharma Conducted training session on on 21st May, 2021 in "Beekeeping: Opportunities and Challenges"	Marketing of Honey Bee Products'	(Honeybee & Pollinators), Division of Entomology, Faculty of Agriculture, SKUAST-Jammu in collaboration with National Bee Board, India	Sharma : Resource Person	National
3.	AICTE Sponsored FDP on Social Enterprises Management and Self Reliant India" on 19th May, 2021	'Vibrant Demography in Largest Democracy for Self Reliant India: In Special Reference to Social Enterprises'	Faculty of Management, MEFGI, Gujrat.	Dr. Supran Kumar Sharma : Resource Person	National
4.	Two-week UGC sponsored online Refresher Course on 'Research Methodology for Social Science' on 4th March, 2021	'Research Process & Research Problem Formulation'	UGC-Human Resource Development Centre GJU S&T, Hisar	Dr. Supran Kumar Sharma : Resource Person	National
5.	"Extension Lecture on 24th February,2021	`Rational Decision Making: A Tool for Operation Management'	SKUAST, Jammu	Dr. Supran Kumar Sharma : Resource Person	National
6.	FDP on 'Innovation Management' under ATAL program of AICTE on 23rd February, 2021	`Lean Canvas: A Tool for Innovation Management & Uncertain World'	Department of Humanities and Management Dr. B R Ambedkar, National Institute of Technology, Jalandhar	Dr. Supran Kumar Sharma : Resource Person	National
7.	"Workshop on Academic Writing" 19th January, 2021	`Plagiarism'	UGC-HRDC, BPS Women University, Sonipat	Dr. Supran Kumar Sharma : Resource Person	National
8.	Rerefresher course on 'Entrepreneurship Development' organized on 18th February,2021	`Entrepreneuria I Practices & Business Plan Formulation: Process & Precautions'	Human Resource Development Centre, University of Jammu	Dr. Supran Kumar Sharma : Resource Person	National

9.	DST Sponsored Two Week Faculty Development Program on "Entrepreneurship" on 14th February, 2021	'Technology Business Incubation: Process & Practice'	GNDU College, Jallandhar	Dr. Supran Kumar Sharma : Resource Person	National
10.	Workshop" on Professional Development of Human Resources & Higher Education: Challenges & Prospects' on 11th August, 2020	'Qualitative Research'	MIET, Jammu	Dr. Supran Kumar Sharma : Resource Person	National
11.	MOEF, GOI Sponsored Five Day Training Program 8-12 March 2021	Decoding Leadership	MOEF, GOI and School of Business, SMVDU	Dr. Ashutosh Vashishtha : Resource Person	National
12.	Orientation Training Program July to August, 2020	Nine Sessions on different topics of Human Behaviour including behavior of police with public, understanding Critical Social Groups, Conflict Management, Forms of Groups, Police- Public Relations	Sher-E- Kashmir Policy Academy, Udhampur	Dr. Jyoti Sharma: Resource Person	National
13.	Enhancing Managerial Effectiveness March 8- 12, 2021	Session on Stress Management: A Panacea For Life Management	School of Business, SMVDU	Dr. Jyoti Sharma: Resource Person	National
14.	Training Program on Research Methodology, 15th March, 2021	Two Sessions on (i) Exploratory Factor Analysis (ii)Confirmator y Factor Analysis	GJU S&T, Hissar	Dr. Jyoti Sharma: Resource Person	National
15.	FDP on Entrepreneurship Development Program28th June, 2021	Session on Achievement Motivation	FDC in Collaboration with EDC, SMVDU	Dr. Jyoti Sharma: Resource Person	National
16.	FDP on Entrepreneurship Development Program, 17th June, 2021	Session on Traits of Entrepreneurs	FDC in Collaboration with EDC, SMVDU	Dr. Jyoti Sharma: Resource Person	National
17.	National Faculty Development Program on Entrepreneurship Development, 17-30 June 2021	Reinventing Entrepreneurial You (28 June 2021)	FDC in collaboration with EDC and SoB, SMVDU	Dr. Rashi Taggar: Resource Person	National

18.	Community Policing, 16-17 April 2021	Use of inter personal skills in improving police public relationship (16	SKPA, Udhampur	Dr. Rashi Taggar: Resource Person	State
		April 2021)			
19.	Business Model Canvas Workshop, 29 March 2021	Creativity Canvas (29 March 2021)	FDC & EDC- SMVDU	Dr. Rashi Taggar: Resource Person	National
20.	Developing Good Communication Skill, Behavior Attitude and Responsibility towards General Public, Sher-i- Kashmir Police Academy, Udhampur, 16-20 March 2021	Use of Interpersonal Skills in improving Police-Public Relationship (19 March 2021)	SKPA, Udhampur, J&K	Dr. Rashi Taggar: Resource Person	State
21.	Developing Good Communication Skill, Behavior Attitude and Responsibility towards General Public, Sher-i- Kashmir Police Academy, Udhampur, 16-20 March 2021	Team Building in Police Organization (19 March 2021)	SKPA, Udhampur, J&K	Dr. Rashi Taggar: Resource Person	State
22.	National level program 'Enhancing managerial Effectiveness for IFS Officers', 8-12 March 2021	Time Management (12 March 2021)	SoB, SMVDU	Dr. Rashi Taggar: Resource Person	National
23.	Concept of Leadership & Management in Police, 11-12 January 2021	Transformation al leadership (11 Jan 2021)	SKPA, Udhampur, J&K	Dr. Rashi Taggar: Resource Person	State
24.	Concept of Leadership & Management in Police, 11-12 January 2021	Leadership Theories and their relevance in Police (11 Jan 2021)	SKPA, Udhampur, J&K	Dr. Rashi Taggar: Resource Person	State
25.	Inter-disciplinary refresher course on 'Entrepreneurship Development 24/02/202 1	Business Opportunities in India	HRDC, University of Jammu in collaboration with the Business School	Dr. Syeda Shazia Bukhari: Resource Person	National
26.	DST-NIMAT Sponsored Faculty Development Programme to be conducted on 'Entrepreneurship Development' at SMVDU, 21/06/2021	Managerial Aspects (Including Labour Legislation Commercial Acts etc)	FDC, SMVDU in collaboration with School of Business	Dr. Syeda Shazia Bukhari: Resource Person	National

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2020-2021)

SI.No.	Title of the project	Whethe r major or minor project	Funding agency	Funding received/ Total grants	Role performed: Investigator / Co- investigator / Project director	Date of commen cement and date of complet ion	Whether outcome/ outputs sent to sponsoring Govt. Agency
1.	An Empirical Study of Bank Credit Risk Management Using Big Data Analytics (Project No. RP-109)	Major	ICSSR, Ministry of Education, Govt of India	Rupees Fifteen Lakhs	Project Director: Dr. Ashutosh Vashishtha	Commen cement: 15 May 2019 Scheduled Completion : 31 July 2021 (2-Years duration)	No. (Project under progress)
2.	Digital Literacy Penetration and its Impact on Sustainable Livelihood for Rural Women Entrepreneu rs in Jammu and Kashmir"	Major	AICTE	5 Lakhs	PI- Dr Meenakshi, Co-PI- Dr Syeda Shazia Bukhari	26-06-20 ongoing	Na
3.	'Concurrent Monitoring and Evaluation of Central Sponsored Scheme SAME ATMA' consultancy	Major	Ministry of Agriculture	5 Lakhs	Dr. Supran Kumar Sharma, Dr. Ashutosh Vashishtha, Dr. Sushil K Mehta, Dr. Saurabh, Dr. H G Mishra	On Going	March, 2021

9.2 Research Publications (with full details in below format) for 2020-2021:

Book Chapters (2020-2021):

SI. No.	Title of the chapter Author of the Chapter	Title of the book	Editors (Mention all Editors)	Name of the publisher Indicate National or International	ISBN No. and year of publication
1.	'Addressing COVID-19 and Supply Chain Disruptions through	Tackling the VUCA World through Industry 4.0: Insights	Bijuna C Mohan and Savita Bhat	Authorspress, New Delhi, National	ISBN 97893905884 66

	the Industry 4.0: Mitigation Strategies and Recovery Model' by Tapas Sudan and Dr. Rashi Taggar	for Business and Researchers			(2021)
2.	'Empirical study of Promotional Impact of Rural Advertisements on Rural People' by Gupta,S, Bukhari, S.S, Sharma, A	Sustainable Rural Development	Meenakshi Gupta and Paras Dubey	BookWell Publishers, National	ISBN No. 97893865785 63 (2020)

For paper (2020-2021):

	For paper (2020-2				
SI. No	o. Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise & Whether the applicant is the main author Yes/ No	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: DoI: (ISSN or DoI)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
1.	Sangwan Sumit and Sharma, Suparn, K. (2021)	'Social Media Communication and Consumer Decision Making: An Empirical Perspective '	International Journal of Electronic Marketing and Retailing. ISSN-1741-1033	Accepted.	SCOPUS (H Index: 10). (ABDC Ranking, Emerging Sources Citation Index (Clarivate Analytics)
2.	Khajuria, A., Sharma, Suparn, K. and Raina D. (2020),	'Measuring Level of Performance of Public Transport Sector: A Case of India'.	International Journal of Productivity and Quality Management ISSN- 17466474	Accepted.	SCOPUS (H Index: 26).
3.	Sharma, Suparn, K. and Raina, S. (2020)	'Performance Measurement of Indian Banking Sector: A Cross- Section Perspective'	International Journal of Business and Globalisation ISSN- 1753-3635	Accepted.	SCOPUS (H Index: 15).
4.	 Kothari, R., Vashishtha, Ashutosh Singh, H.M. Pathak, V.V. Tyagi, V.V. Yadav, B.C. 	Assessment of Indian bioenergy policy for sustainable environment and its impact for rural India: Strategic implementation and challenges.	Environmental Technology & Innovation, Elsevier B.V. Global HQ: Amsterdam, Netherlands Volume 20,	Vol: 20 Issue: Nov. Year: 2020 Online article No. 101078	Peer-reviewed UGC listed Journal SCI, SCOPUS Indexed Impact Factor: 5.3

	7. Veeramuthu,		ISSN: 2352-1864		
	A.K. 8. Singh,				
	D.P		DOI:		
			https://doi.org/10.10		
	No.		16/j.eti.2020.101078		
_	1 Classes	Daview of sundit	January Laf Cur dit Diale	17-1-17	Danna was dansa d
5.	1.Sharma,	Review of credit	Journal of Credit Risk	Vol:17	Peer-reviewed
	Deepika	risk & credit	Infopro Digital Risk	Issue: 3	UGC listed
	2.Vashishtha,	scoring models	(IP) Limited, London,	issue. 5	
	Ashutosh	based on	UK.	Page: 1-15	Journal
		computing	DOI:	rage. 1 15	Indexed in
	3. Gupta, M.K.	paradigms in	10.21314/JCR.2021.0		
		financial	06		: Scopus; Web of
		institutions.	ISSN:		Science - Social
		modicacions.	1744-6619 (print)		Science Index
			1755-9723 (online)		(SSCI)
					Impact Factor:
					0.226
					-
6.	Rather, Sajid and	Financial	Empirical Economics	Vol: 20,	Peer-reviewed
	Vashishtha, A.	Efficiency	Letters,	Ισουρι Γ(1):	UGC listed
		Assessment of	Department of	Issue: 5(1):	
		Power Sector in	Economics	(May 2021)	Journal
		the Light of	University of Rajshahi	ISSN 1681	ABDC Ranked C
		Reforms in	Rajshahi 6205	8997	
\		Jammu and	Bangladesh		category
		Kashmir.		Page: 775-	
		Rashimi		783	
7	Malasian Milalas	Calf Laguring and	Turba wa abi a wali Jayuwa al	Fauth sausins	Falls in IDI
7.	Mahajan, Vibha	'Self-Learning and	International Journal	Forthcoming	Falls in 'B'
	and Jyoti Sharma Yes	Self-Satisfaction	of Knowledge and		category of ABDC list.
	Corresponding	Exploring Relationship	Learning		SCOPUS Indexed
	Author	through			(H-Index 22),
	Addioi	Knowledge			Emerging Source
		Sharing			Citation Index.
		Behaviour'			Oracion Index.
8.	Mehta, P. &	Moderation effect	Asia Pacific Journal of	Vol.13 (2)	Falls in 'C'
	Sharma, J.	of social support	Business	(-)	Category of
	Corresponding	and personal	Administration		ABDC list) and
	Author	resources	DOI: 10.1108/apjba-		SCOPUS Indexed
		between	07-2020-0252,		(H-Index:. 17).
		emotional work			
		and employee			
		wellbeing			
9.	Mehta, P. &	Exploring the	International Journal	Vol. 11 (1)	falls in 'B'
	Sharma, J	linkage between	of Work Organisation	pp. 21-40,	category of
		emotional work	and		ABDC list).
		and employee	Emotion https://doi.		SCOPUS Indexed
		wellbeing: a study	org/10.1504/IJWOE.2		(H-Index 15) and
		of civil aviation	020.109417,,_		Web of Science.
		industry in North			
		India			

10.	Gupta, S & Mehta, SK, No	Feature Selection for Dimension Reduction of Financial Data for Detection of Financial Statement Frauds in Context to Indian Companies	Global Business Review	Vol 21, No. 5, September, 2020, Pp. 1- 26	SCOPUS, DOI: 10.1177/097 2150920928 663, Impact 0.45 (2019)
11.	Gupta, S & Mehta, SK, No	Data Mining- based Financial Statement Fraud Detection: Systematic Literature Review and Meta-analysis to Estimate Data Sample Mapping of Fraudulent Companies Against Non- fraudulent Companies	Global Business Review	Jan, 2021, Pp. 1-24.	SCOPUS, DOI: 10.1177/097 2150920984 857, Impact 1.557 (2020)
12.	Tapas Sudan, Dr. Rashi Taggar	Recovering Supply Chain Disruptions in Post-COVID-19 Pandemic Through Transport Intelligence and Logistics Systems: India's Experiences and Policy Options	Journal name: Frontiers in Future Transportation Publisher: Frontiers, Switzerland Electronic ISSN: 2673-5210	Vol. 2 doi: 10.3389/ffutr .2021.66011 6	Indexed in: Goog le Scholar, DOAJ, CrossRef, CLOCKSS, OpenAIRE
13.	D Sharma, S Bindra, Dr. Rashi Taggar, S Dhir, TT Khoa	Mapping responsive retailing to identify future research trajectories	Journal for Global Business Advancement	Volume: 13 Issue No.5 Year: 2020 Page Nos.: 584-604	SCOPUS Indexed
14.	D Sharma, Dr. Rashi Taggar, S Bindra, S Dhir	A systematic review of responsiveness to develop future research agenda: a TCCM and bibliometric analysis		Volume: 27 Issue No.9 Year: 2020 Page Nos.: 2649-2677	Listed in B Category of ABDC List
15.	D Sharma, Dr. Rashi Taggar, S Bindra, S Dhir	Retailer responsiveness: a total interpretive structural modelling approach	Journal for Global Business Advancement	Volume: 13 Issue No.3 Year: 2020 Page Nos.: 336-358	SCOPUS Indexed
16.	Sanjay Kumar Mishra	GMFP milk and food products : managing financial distress	Sage Business Cases Original, USA DOI: http://dx.doi.org/10. 4135/9781529759747	Jaunary 2021	NA

17.	Sanjay Kumar Mishra	GA Enterprise: regaining control on the business (Accepted)	Sage Business Cases Original, USA	January 2022 (Expected)	NA
18.	Banerjee, Dr. Sonali P., Saha, Sunetra, Jain, Dr. Deepak, Rao, Dr. Sajeevan. (2020).	Measuring Service Quality of On- Demand Ride Services.	International Journal of Management (IJM) DOI: 10.34218/IJM.11.10. 2020.002 p-ISSN: 0976-6502 and e-ISSN: 0976-6510.	Vol. 11, Issue 10, (October), p. 11-12.	SCOPUS https://www.sco pus.com/sourcei d/21100945713
19.	Jain, Dr. Deepak, Madireddy, Dr. Madhavi, and Rao, Dr. R. Nageshwar. (2020).	Potential Assessment of Dark Tourism in India.	International Journal of Management (IJM) DOI: 10.34218/IJM.11.8.2 020.117 p-ISSN: 0976-6502 and e-ISSN: 0976-6510.	Vol. 11, Issue 8, (August), p. 1284- 1296.	SCOPUS https://www.sco pus.com/sourcei d/21100945713
20.	Banerjee, Dr. Sonali P., Nayyar, Ruchika, Jain, Dr. Deepak, Gupta, Deepa. (2020).,	Service Quality on the Perceived Quality of Mobile Networks in India.	International Journal of Advanced Research in Engineering and Technology (IJARET) DOI: 10.34218/IJARET.11. 8.2020.081 p-ISSN: 0976-6480 and e-ISSN: 0976-6499.	Vol. 11, Issue 8, (August), p. 819-829.	Scopus https://www.sco pus.com/sourcei d/21100944103

9.3 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended or Presented (2020-2021)

SI. No	Seminar/Conference /Workshop and Dates & Year	Title of the Talk (if presenter) Or For Shor-term course & Workshop (NA)	Organizing agency	Who presented as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker Or Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1.	International Conference on 'Public Policy, Governance and Management', organized on 12 th June, 2021	'Determinants of Social and Financial Efficiency of Microfinance Institutions in India'	Department of Public Policy and Governance, Gujarat University, Ahmedabad	Dr. Supran Kumar Sharma & Neeti Khajuria & Secured 3 rd rank in Research Paper Presentation	International

2.	AICTE Training & Learning (ATAL) Academy Online FDP on "Technology Management" Duration:14-12-2020 to 18-12-2020 (5 days FDP)	Faculty Development Program	AICTE Training & Learning (ATAL) Academy	Dr. Ashutosh Vashishtha Attended	National
3.	International Conference on Artificial Intelligence & Its Impact on Transforming Business Processes, 21-22 May, 2021	Impact of Online Markets on the Traditional Retailers with Reference to Clothing	Department of Management, Rathinam College of Arts and Science, Malaysia University of Science & Technology	Dr. S.K. Mehta presented paper	International (abroad)
4.	One Day Webinar on "Gender Equality and Women's Rights" 16 th July, 2020		National Institute of Technology, Kurukshetra on under TEQIP-III.	Dr. Arti Maini attended	National
5.	National Workshop on Quantitative Data Analysis using STATCRAFT 1-5 February, 2021	5	SOB	Dr. Arti Maini attended	National
6.	International Conference, Changing Business Paradigm- 2021 on "Contemporary Issues and Challenges in Business Management: Post- Covid 19", 19-21 March 2021	Presented pape r 'Recovering supply chain disruptions in post COVID-19 pandemic through transport intelligence and logistics systems'	Management Development Institute, Murshidabad	Dr. Rashi Taggar presented paper	International
7.	National Workshop on Research Methodology for Social Sciences, 22- 27 Feb 2020	NA	UGC-HRDC- University of Jammu	Dr. Rashi Taggar attended	National
8.	Global Procurement Summit 2021, 3-4 Feb 2021	NA	AIMA in collaboration with Ministry of Finance, World Bank & ADB	Dr. Rashi Taggar attended	International
9.	National Webinar- Professional Management and Skill Support for the Rural Economy- The Way Forward, 28 Dec 2020	NA	ASBM University, Bhubaneswar	Dr. Rashi Taggar attended	National
10.	National Webinar- Impact of online Advertising during a Pandemic, 26 Nov 2020	NA	ASBM University, Bhubaneswar	Dr. Rashi Taggar attended	National
11.	National Workshop- Transforming Pedagogy in India, 1-3 Aug 2020	NA	NIT Jamshedpur	Dr. Rashi Taggar attended	National

12.	International Conference Pandemic Effect and Global Economy: Unseen Challenges and Opportunities Post Covid-19 Diagnosis, 31 July- 1 August, 2020	Presented paper 'Operationalizing e-commerce for mitigating the impact of COVID-19: Evidence from literature and policy implications'	Amity University, Patna	Dr. Rashi Taggar presented a paper	International
13.	National Webinar- Impact of COVID-19 on Indian Economy, 28 July 2020	NA	IQAC, Department of Economics & Commerce of VNACBNS Mahavidyalaya, Shirala, Maharashtra	Dr. Rashi Taggar attended	National
14.	TEQIP-3 One Week Online Short Term Course on "Supply Chain Management: Challenges and Strategies", 13- 17 July 2020	NA	Dr. B. R. Ambedkar National Institute of Technology, Jalandhar	Dr. Rashi Taggar attended	International
15.	National Workshop 'Quantitative Data Analysis using STATCRAFT' 1-5 Feb, 2021	2	School of Business, SMVD University	Dr. Syeda Shazia Bukhari Attended	School of Business, SMVD University in collaboration with STATCRAFT, Bangalore
16.	Virtual International Conference on Artificial Intelligence March 21-22, 2021	Impact of E- Commerce on Retailers of Jammu	Department of Management, Ratinam College of Arts and Science	Dr. Syeda Shazia Bukhari presented a paper	Virtual International Conference
17.	Virtual International Conference on Artificial Intelligence March 21-22, 2021	Financial Literacy Among Rural Areas of Jammu	Department of Management, Ratinam College of Arts and Science	Dr. Syeda Shazia Bukhari presented a paper	Virtual International Conference
18.	Virtual International Conference on Artificial Intelligence March 21-22, 2021	Consumer Buying Behaviour Towards OTT Platforms In Jammu City	Department of Management, Ratinam College of Arts and Science	Dr. Syeda Shazia Bukhari presented a paper	Virtual International Conference
19.	Conference on Excellence in Research and Education (CERE) June 18-20, 2021	Depletion of socio-psychological reservoir after the outbreak of Covid-19	IIM Indore	Dr. Syeda Shazia Bukhari presented a paper	11th CERE Conference
20.	International conference on economic development and Environment 6 June, 2021	Women entreprenuers, strugging and innovationg post covid 19	Radiant group of Institution Jabalpur	Dr. Syeda Shazia Bukhari presented a paper	International

21.	Strategic Planning for Higher Education Institutions: Challenges, Tools and Techniques 7-12 June, 2021		MIET, Jammu under AICTE	Dr. Syeda Shazia Bukhari attended	National
22.	Art of being an Effective researcher- FDP March29 March,2021		NIIT Srinagar under AICTE FDC	Dr. Syeda Shazia Bukhari attended	National
23.	2 Days AICTE Sponsored National Conference on "Next in Generation Computing Technologies and their role in Nation Development (NGCTND-2020". ISBN: 978-81-928555- 7-8, pg. 29-35,	"Warehouse Management System (WMS) and Business Performance: An Exploration of Potential Impact of WMS Implementatio n on Warehouse"	Institute of Technology and Science, Mohan Nagar, Ghaziabad, 21 st August 2020 to 22 nd August 2020.	Jain, Deepak, and Gupta, Ekta presented the paper	National Level
24.	6th Global Leadership Research Conference 2021 on "Responsiveness, Innovation and Resilience: Critical Factors for Future Growth in Changing Socio-Political Environment".	"Changing Fashion Trends in Clothing: A Literature Review"	Amity Business School, Amity University, Noida, 25th February 2021 to 26th February 2021.	Chhabra, Janvi, and Jain, Deepak presented a paper	International Level
	ISBN: 978-93-910741- 6-6. In Press.				
25.	6th Global Leadership Research Conference 2021 on "Responsiveness, Innovation and Resilience: Critical Factors for Future Growth in Changing Socio-Political Environment". ISBN: 978-93-910741- 6-6. In Press.	"Marketing Strategies of Cosmetics in Jammu Region: A Literature Review"	Amity Business School, Amity University, Noida, 25th February 2021 to 26th February 2021	Sharma, Chakshu, and Jain, Deepak presented a paper	International Level
26.	6th Global Leadership Research Conference 2021 on "Responsiveness, Innovation and Resilience: Critical Factors for Future Growth in Changing Socio-Political Environment". ISBN: 978-93-910741- 6-6. In Press.	"Advertising of Fashion Brand"	Amity Business School, Amity University, Noida, 25th February 2021 to 26th February 2021	Sharma, Ananya, and Jain, Deepak presented a paper	International Level

27.	6th Global Leadership Research Conference 2021 on "Responsiveness, Innovation and Resilience: Critical Factors for Future Growth in Changing Socio-Political Environment". ISBN: 978-93-910741- 6-6. In Press.	"Marketing Strategies w.r.t. Gold Jewellery: A Literature Review"	Amity Business School, Amity University, Noida, 25th February 2021 to 26th February 2021	Gupta, Nitika, and Jain, Deepak presented a paper	International Level
28.	A Case Study Writing Workshop 1st June 2021 to 5th June 2021.	NA	Organized by Universal Business School (Karjat, Mumbai, Maharashtra), in association with AMDISA,	Dr. Deepak Jain attended	National
29.	A Week Refresher Program in "Sustainable Product Design and Manufacturing (Phase- II)" 15th April 2021 to 21st April 2021.	NA	Organized by School of Mechanical Engineering, Shri Mata Vaishno Devi University (Katra, Jammu & Kashmir), AICTE-ISTE Sponsored	Dr. Deepak Jain attended	National
30.	A Week Orientation / Refresher Program in "Innovations in Management" 16th March 2021 to 22nd March 2021.	NA	Organized by Mahatma Jyotiba Phule Rohilkhand University (Bareilly, Uttar Pradesh), AICTE-ISTE Sponsored,	Dr. Deepak Jain attended	National
31.	Inter-Disciplinary and Multi Lingual 2 Weeks Refresher Course / Faculty Development Program in "Managing Online Classes & Co-Creating Moocs 4.0" organized by, 11th March 2021 to 26th March 2021, Grade: A+.	NA .	Teaching Learning Centre, Ramanujan College, University of Delhi (Delhi) under aegis of MoE, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching	Dr. Deepak Jain attended	National

32.	A 6 Day QIP Short Term Course (Online) on "Principles of Pricing", 8th March 2021 to 13th March 2021.	NA	organized by Centre for Continuing Education, Department of Economic Sciences, IIT- Kanpur (Uttar Pradesh)	Dr. Deepak Jain attended	National
33.	Webinar on Strategic Management Managing Your Organization the Right Way', 25th February 2021.	NA	Organized by McGraw Hill Webcasts, by Dr Azhar Kazmi and Dr. Adela Kazmi	Dr. Deepak Jain attended	National
34.	Webinar on 'Strategies for Leading Transformative Change',	NA	Organized by Research Cell – Teerthanker Mahaveer University (Moradabad, Uttar Pradesh), 13th February 2021.	Dr. Deepak Jain attended	National
35.	Online Workshop on 'Quantitative Data Analysis using STATCRAFT', 1st February 2021 to 5th February 2021.	NA	Organized by School of Business, Shri Mata Vaishno Devi University (Katra, Jammu & Kashmir) in collaboration with STATCRAFT, Bangalore	Dr. Deepak Jain attended	National
36.	Online Workshop on 'Course Structure, Curriculum, Aspects of Rural Management and Entrepreneurship Opportunities available in Rural Sector', , 18th December 2020, 3:00 PM – 5:00 PM.	NA	Organized by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education, Government of India	Dr. Deepak Jain attended	National

9.4 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

SI. No.	Title of the	Organiser's	Role	Organizing	
	Seminar/Conference	Name		agency	International
	/Workshop/Etc. and				(abroad)/
	Dates & Year		T.		International
					(within the
					country)/
					State/University

1.	Two-Week duration	Dr. Supran Kumar	Programme	Entreprene	National
	'National Faculty Development	Sharma	Coordinator & Chairman	urship Developm	
	Programme on 'Entrepreneurship	Dr. Rashi Taggar	Organising	ent Cell, Faculty	
	Development'	100	Secretary	Developm	
	Sponsored by DST- NIMAT Project, GoI	Dr. Deepak Jain	Co-Convener	ent Centre-	
	from 17 to 30 June, 2021	Dr. Shazia Bukhari	Co-organising	SMVDU incollabora	
	2021	DI. Silazia Bakilari	Secretary	tion with	
2.	Workshop on 'Intellectual Property	Dr. Supran Kumar Sharma	Programme Coordinator	Entreprene urship	National
	Right (IPRs) and IP			Developm	
	Management for Startup' on 30 March, 2021	Dr. Rashi Taggar	Organising Secretary	ent Cell- SMVDU in collaborati	Sponsored by TEQIP-III
		Dr. Deepak Jain	Co-Convener	on with EDC and	TEQIT III
				SoB, SMVDU	
3.	Workshop on 'Business Model Canvas'	Dr. Supran Kumar Sharma	Programme Coordinator	Entreprene urship	National
	Sponsored by TEQIP-III	Dr. Rashi Taggar	Organising	Developm	
	on 29 March, 2021.	Dr. Kasılı Taggal	Secretary	ent Cell- SMVDU in	Sponsored by
		Dr. Deepak Jain	Co-Convener	collaborati on with	TEQIP-III
				EDC and	
				SoB, SMVDU	
4.	Five-Day Training Programme on	Dr. Jyoti Sharma	Program Coordinator		National
	"Enhancing			SoB	
	Managerial Effectiveness " for	Dr. Supran Kumar Sharma	Organizing Secretary		With financial Support of
	Indian Forest Service				Ministry of
	Officers from March 8-12, 2021				Environment and Climate
-	Two Day Training	Dr. lysti Charres	Drogram		Change, GoI
5.	Two -Day Training Programme with	Dr. Jyoti Sharma	Program Coordinator		National
	financial Support of Ministry of	Dr. Curran V.	Organizina	SoB	With financial
	Environment and	Dr. Supran Kumar Sharma	Organizing Secretary		Support of
	Climate Change, GoI on "Embedding	411			Ministry of Environment
	Positivity at Workplace" for				and Climate
	Indian Forest Service				Change, GoI
	Officers from January 14-15,				
	2021at Shri Mata				
	Vaishno Devi University, Katra.				

6.	Webinar on Supply Chain Management: Role of FCI in efficient	Dr. Supran Kumar Sharma Dr. Rashi Taggar	Chairman Program	SoB, SMVDU in collaborati on with	National
	management of food supply, towards celebrating 75 years of India's Independence, 'Bharat ki Azadi Ka Amrut Mahotsav', 31 May 2021		Coordinator	FCI- Jammu	
7.	Webinar "Roadmap for SMEs Post COVID 19: Innovative Approaches Among Challenges and	Dr. Arti Maini	Webinar Coordinator	SoB, SMVDU organized jointly	National
	Opportunities" 22.08.2020	Dr. Shazia Bukhari	Organising Secretary	with IPE Hyderabad and Bhartiya Siksha Mandal, Nagpur	
8.	Rural Marketing: The Way Ahead (Lecture Series), 23 March – 6 April 2021	Dr. Deepak Jain Dr. Rashi Taggar	Coordinator Co- Coordinator	SoB, SMVDU	National
9.	Workshop on Quantitative Data Analysis, 1-5 Feb 2021	Dr. Arti Maini Dr. Deepak Jain	Program Coordinator Organizing Secretary Joint Organizing Secretary	SoB, SMVDU in collaborati on with STATCRAF T,Bangalore	National
10.	Webinar: Sectoral Experiences and Challenges for India Post COVID-19, 3 July 2020	Dr. Rashi Taggar	Organising Secretary	SoB, SMVDU in collaborati on with IPE, Hyderabad & BSM, Nagpur	National
11.	Online Workshop on "Campus to Corporate" for the Students of MBA 1st Year 2020-22, 29.05.2021	Dr. Deepak Jain	Coordinator	School of Business	National
12.	Online workshop on "Introducing Curriculum of Rural Management in BBA / MBA Program" on 18-12-2020	Dr. Deepak Jain	Coordinator	In collaboration with Mahatma Gandhi National Council of Rural Education, Department of Higher	National

	11 1		Education,	
			Ministry of	
			Education,	
			Governme	
		1	nt of India	

9.5 Ph.D. Guided 2020-2021

SI. No.	Name of Student	Name of the Supervisor/s Mention Main Supervisor: Co-supervisor	Awarded (Title of the thesis/dissertation)	Submitted (Title of the thesis/dissertation)
1.	Vibha Mahajan	Dr. Jyoti Sharma	Knowledge Sharing Behaviour among Employees of Service Sector in the State of Jammu and Kashmir	Submitted
2.	Poonam Mehta	Dr. Jyoti Sharma	Employee Wellbeing and Emotional Work: A Study of Civil Aviation Industry in North India	Submitted
3.	Sonali Heera	Dr. Arti Maini	Disability Inclusion at Workplace: A Study of Jammu and Kashmir: Awarded	Awarded
4.	Ajaz Ul islam	Dr <mark>. Sa</mark> njay Kumar Mishra	Shareholder activism: evidence from India	Awarded
5.	Sahil Singh Jasrotia	Dr. H.G. Mishra	A Study on Channel Choice Behavior of Tourists in Jammu and Kashmir	Awarded

9.6 Students' Achievement (2020-2021)

SI. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1.	Diksha Sharma	19mmb020	Best Paper Award Presented Paper entitled Role of brand loyalty on customer satisfaction (A study of telecommunication)	organized by Department of Management Sciences, Mahatma Gandhi Central University Motihari, Bihar from 25 to 26th June, 2021.
2.	Urja Gupta	19mmb049	Dissertation based research paper received best research paper award for her	organized by Department of Management Sciences, Mahatma Gandhi Central

			paper titled An empirical test of the efficiency of Indian stock market" in the national conference	University Motihari, Bihar from 25 to 26th June, 2021.
3.	Nikita	19mmb030	3rd Rank in Best Paper Presentation- Determinants of social and financial efficiency of Microfinance Institutions in India	1st International Conference on Public Policy, Governance and Management(ICPGM) organised by Department of Public Policy and Governance (DPPG), B.K School of Professional and Management Studies, Gujarat University., 12 June 2021



SCHOOL OF ECONOMICS

1. Name of the School: School of Economics

2. Faculty Profiles:

S. No	Name of the Faculty Member	Designation	Qualification	Specialization
1	Dr. Meenakshi Gupta	Assistant Professor	Ph.D	Ag. Marketing, Ag. Economics
2	Dr. Kakali Majumdar	Associate Professor	Ph.D.	Agricultural Economics
3	Dr. Roop Lal Sharma	Assistant Professor	Ph.D.	Banking
4	Dr. Pabitra Kumar Jena	Assistant Professor	Ph.D.	Foreign Direct Investment, International Finance
5	Dr. Arif B. Dar	Assistant Professor	Ph.D.	International Finance, Macroeconomics
6	Dr Gopinathan	Assistant Professor	Ph.D.	Financial Economics and Applied Econometrics

3. Programmes Offered & Enrollment (2020-2021):

M.A.	PhD	
Five Year Integrated M.Sc.	Ph.D in Economics (22 Students)	
Economics (146)		
Five Year Integrated BA(Hons.) &	22	
M.A. Economics (40 Students)		
Five Year Integrated B.Sc.(Hons.) &		
M.Sc. Economics (13 Students)		

4. Details of Five Year Integrated BA(Hons.) & M.A. Economics (40 Students) (2020-2021):

Batch	Admitted Students			
2020 Entry	Male	Female	Total	
	10	30	40	

5. Five Year Integrated B.Sc.(Hons.) & M.Sc. Economics (13 Students):

Batch	Admitted Students		
2020 Entry	Male	Female	Total
	7	6	13

6. Details of Research Scholars:

Year 2020-21		Ph.D.		
	Male	Female	Total	
Admitted 2020-21	1	2	3	
Awarded 2020-21	Nil	Nil	Nil	
Total Presently under Supervision	12	10	22	

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2020-2021):

Example:

SI. No	Title of the seminar/conference and dates & year	Title of the Talk Scarcity and	Organizing agency School of	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker By- Dr. Alex M	National/ International (abroad)/ International (within the country)/ State/University University
	18-01-2021	Surplus Approaches in Economics	Economics	Thomas, APU, Bengaluru 18 January 2021	
2	2 nd Webinar of SOE 10-03-2021	Global Economy post-Covid 19 Pandemic	School of Economics	By- Prof. Manas Paul, IMT, Ghaziabad 10 March 2021	University
3	3 rd Webinar of SOE 27-06-2021	"V-shaped India's Economic Recovery & Real Business Cycle Model"	School of Economics	Dr. Dhiresh Kulshrestha Associate Professor - Economics, Coordinator- Research Cell, Faculty of Business Management, Marwadi University, Rajkot - (Gujarat)-India	University
4	4 th Webinar of SOE 22-07-2021	Financial Liteacy and Awareness Programme	School of Economics	Sh. Sandeep Mittal, General Manager, Financial In clusion and Development Department, RBI, Jammu.	University

8. Degree Awardees Nos. (2020-2021):

Five Year Integrated M.Sc. Economics : 52

Ph.D. : Nil

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2020-2021)

SI.No. Title of the project minor major or minor project minor
--

1.	Digital Literacy Penetration and its Impact on Creating	Minor	AICTE	Rs. 500000/-	Dr. Meenakshi Gupta	2020- 2022 (2 yrs)	Yes
	Sustainable Livelihoods for Rural Women Entrepre- neurs in Jammu and Kashmir						
2.	India's financial inclusion – Determi- nants and Impediments	Minor	ICSSR	Rs. 270000/-	Dr. Arif B. Dar	2019- 2020 (2 yrs)	Yes
3.	Did PMGKY and community participatio n Work during Covid 19 Pandemic?	Minor	ICSSR	Rs. 227000/-	Dr. Arif B. Dar	2021- 2021 (1yrs)	Yes

For paper (2020-2021):

SI. No.	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise & Whether the applicant is the main author Yes/ No	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: DoI: (ISSN or DoI)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
1.	1. Meenakshi Gupta 2. Vikas Sharma Yes	Sustainable Dairy Practices -An Insight to Chain Coordination Mechanisms of Unorganized Segment of Dairy Sector in Punjab State.	Academy of Marketing Studies Journal (AMSJ) ISSN: 10956298.	Vol. 24 Issue 2.	ABDC 'B'

2.	Meenakshi Gupta Vikas Sharma Yes	An Economic Analysis of Indian Walnut Industry: Prospects and Problems, International Journal of Disaster Recovery and Business Continuity	International Journal of Disaster Recovery and Business Continuity ISSN: 2207-8363 (Online) Publisher: Science & Engineering Research Support Society	Vol.11, No. 2, (2020), pp. 136-144.	Web of Science
3.	1. Ajay Kumar Sharma, 2. Roop Lal Sharma, 3. Meenakshi Gupta No	Developmental impact of Rural infrastructure in Agriculture sector	Academy of Marketing Studies Journal	2021, 25 (4)	ABDC 'B'
4.	 Ajay Kumar Sharma, Meenakshi Gupta Roop Lal Sharma, 	The construct validity of farmer's Perceptions of Agricultural Infrastructure and Development in Jammu and andkashmir: Confirmatory Factor Analysis Approach	Academy of Marketing Studies Journal	2021, 25 (3)	ABDC 'B'
5.	 Ajay Kumar Sharma, Meenakshi Gupta Roop Lal Sharma, No 	Structural Equation Modeling based Approach to Farmer's Perceptions of Infrastructure as Shaping Agricultural Outcomes *	Empirical Economics Letters,	20, 5(2): (May 2021)	ABDC "C"
6.	1. Asif A. Bhat 2. Kakali Majumdar 3. R K Mishra Corresponding Author	Local support for tourism development and its determinants: an empirical study of Kashmir region,	Asia Pacific Journal of Tourism Research, , DOI: 10. 1080/10941665.2020 .1837890	25:11, 1232- 1249	ABDC 'B' SCOPUS
7.	1. Sonali Sharma 2. Kakali Majumdar Corresponding Author	Efficiency of rice production and CO2 emissions: A study of selected Asian countries using DDF and SBM-DEA,	Journal of Environmental Planning and Management, DOI: 1 0.1080/09640568.20 20.1859997	E I	ABDC `B' SCOPUS
8.	 Ajay Kumar Sharma, Roop Lal Sharma Corresponding Author 	Impact Of Macroeconomic Variables On Indian Stock Exchange Market: An Empirical Study	Academy of Marketing Studies Journal	2021, 25 (4)	ABDC 'B'

9.	1. Ajay Kumar Sharma, 2. Roop Lal Sharma, Corresponding Author	Impact of Digitization on Social Economic Transformation Of Indian Economy	Academy of Marketing Studies Journal	2021, 25 (4)	ABDC 'B'
10.	 Ajay Kumar Sharma, Roop Lal Sharma, Meenakshi Gupta No 	Developmental impact of Rural infrastructure in Agriculture sector	Academy of Marketing Studies Journal	2021, 25 (4)	ABDC `B'
11.	 Arvind Kumar Yadav Kirtti Ranjan Paltasingh Pabitra Kumar Jena Corresponding Author 	Incidence of Communicable and Non- communicable Diseases in India: Trends, Distributional Pattern and Determinants.	The Indian Economic Journal. March 2021. Publisher: Sage doi:10.1177/0019466 221998841		ABDC 'B' UGC Care I
12.	 Aqib Mujtaba Pabitra Kumar Jena D P Priyadarshi Joshi Correponding Author 	Growth and determinants of CO2 emissions: evidence from selected Asian emerging	Environ Sci Pollut Res (2021). Publisher: Springer https://doi.org/10.10 07/s11356-021- 13078-3		SCI, SCOPUS
13.	1. Aqib Mujtaba 2. Pabitra Kumar Jena Correponding Author	economies. Analyzing asymmetric impact of economic growth, energy use, FDI inflows, and oil prices on CO2 emissions	Environ Sci Pollut Res (2021). Publisher: Springer https://doi.org/10.10 07/s11356-021- 12660-z		SCI, SCOPUS
14.	1. Arvind Kumar Yadav 2. Pabitra Kumar Jena 3. B. Sahni 4. D Mukhopadhyay Corresponding Author	through NARDL approach. Comparative study on maternal healthcare services utilisation in selected Empowered Action Group states of India	Health & Social Care in the Community, 2021, Publisher: ELSEVIER https://doi.org/10.11 11/hsc.13309	FI FI	SSCI SCOPUS
15.	1. Sandeep Kumar Tiwari 2. Pabitra Kumar Jena 3. Kirtti Ranjan Paltasingh	Caste-class association and school participation in Uttar Pradesh, India: Evidence from NSSO data	International Journal of Educational Development, 79, 102292, Publisher: ELSEVIER https://doi.org/10.10 16/j.ijedudev.2020.1 02292		SSCI, ABDC 'A', SCOPUS

16.	1. Aqib Mujtaba 2. Pabitra Kumar Jena 3. D. Mukhopadhyay Correponding Author	Determinants of CO2 emissions in upper middle-income group countries: an empirical investigation.	Environ Sci Pollut Res 27, 37745– 37759 (2020). Publisher: Springer https://doi.org/10.10 07/s11356-020- 09803-z		SCI SCOPUS
17.	 Bhavna Sahni; Arvind Kumar Yadav Kiran Bala; Pabitra Kumar Jena; Dinesh Kumar 	Basic Reproduction Number (R naught) and Case Fatality Rate of COVID-19: A Conceptual Approach.	Journal of Clinical & Diagnostic Research	Vol. 14 Issue 9, p1-4. 4p. Sep2020	SCOPUS
18.	Arvind Kumar Yadav Kirtti Ranjan Paltasingh Pabitra Kumar Jena	Incidence of Communicable and Non- communicable Diseases in India: Trends, Distributional Pattern and Determinants.	The Indian Economic Journal. Publisher: SAGE doi:10.1177/0019466 221998841	March 2021.	ABDC 'B' UGC CARE I
19.	Nusrst Akber Kirtti Ranjan Palta singh Corresponding Author	Public financing of Indian agriculture and its returns: some panel evidence	Agricultural Economics Research Review DOI: 10.5958/0974- 0279.2020.00013.0	2020, 33 (Conference Number), 1- 14	ABDC 'B' UGC CARE I
20.	1. Sandeep Kumar Tiwari 2. Pabitra Kumar Jena 3. Kirtti Ranjan Paltasingh Corresponding Author	Caste-class association and school participation in Uttar Pradesh, India: Evidence from NSSO data	International Journal of Educational Development, 79, 102292, Publisher: ELSEVIER https://doi.org/10.10 16/j.ijedudev.2020.1 02292		SSCI, ABDC 'A', SCOPUS
21.	1. Megha Gupta 2. Nusrat Akber 3. Kirtti Ranjan Paltasingh Corresponing Author	The Crowding-in/ out Debate in Investments in India: Fresh Evidence from NARDL Application.	South Asian Journal of Macroeconomics and Public Finance.Publisher: SAGE doi:10.1177/2277978 720942676	2020;9(2):16 7-189.	SCOPUS
22.	1. Arif B Dar 2. Farid Ahmad YES	Financial inclusion determinants and impediments in India: insights from the global financial inclusion index	Journal of Financial Economic Policy, Publisher: Emerald https://doi.org/10.1 108/JFEP-11-2019- 0227		Scopus, ABDC 'B'

23.	1. Bhanja, N., 2. Nasreen, S., 3. Dar, A.B., 4. A K Tiwari	Connectedness in International Crude Oil Markets.	Comput Econ (2021). Publisher: Springer https://doi.org/10.10 07/s10614-020- 10068-4		SCOPUS ABDC'B'
24.	1. Adil Ahmad Shah, 2. Manas Paul, 3. Niyati Bhanja, 4. Arif Billah Dar, Corresponding Author	Dynamics of connectedness across crude oil, precious metals and exchange rate: Evidence from time and frequency domains,	Resources Policy, Publisher: ELSEVIER ISSN 0301-4207, https://doi.org/10.10 16/j.resourpol.2021.1 02154	Volume 73, 2021, 102154,	SCOPUS, ABDC `B'
25.	1. Aqib Mujtaba2. Pabitra Kumar Jena3. D P Priyadarshi JoshiNO	Growth and Determinants of CO ₂ Emissions: Evidence from Selected Asian Emerging Economies'	Environ Sci Pollut Res (2021). Publisher: Springer https://doi.org/10.10 07/s11356-021- 13078-3	2021, Vol 28 (29)	SCI SCOPUS
26.	1. G Alivelu 2. D P Priyadarshi Joshi	Productivity, employment and wages in organized manufacturing: A comparative study of Telangana, Andhra Pradesh and India'	Journal of Institute of Public Enterprise, Publisher: IPE	2020, Vol. 43 (1), pp. 1- 17.	UGC Care I
27.	D P Priyadarshi Joshi G Omkarnath YES	Trade, productivity and employment nexus: An examination in post-reforms	Journal of Developing Areas, Publisher: MUSE https://doi.org/10.13 53/jda.2020.0033	2020, Vol. 54 (3), pp. 1- 19.	
28.	1. A. Moghal., 2. D. Mukhopadhyay, 3. Pabitra KumarvJena,. 4. D P Priyadarshi Joshi	Determinants Of Tourism Development In Jammu And Kashmir: An Empirical Analysis	Academy of Marketing Studies Journal	2021, 25 (4) , 1-5.	ABDC `B'

9.2 Ph.D. Guided 2020-2021

SI. No.	Name of Student	Name of the Supervisor/s Mention Main Supervisor: Co-supervisor	Awarded (Title of the thesis/disser tation)	Submitted (Title of the thesis/dissertation)
1.	Asif A Bhat	Kakali Majaumdar		"1mpct of Tourish on Local Residents: A Study of Kashmir Region"
2.	Sonali Sharma	Kakali Majaumdar		"Productivity and Efficiency Analysis of ASIAN Agriculture: An Empirical Exploration"
3.	Nusrat Akber	Kirtti Ranjan Paltasingh		"Capital Formation In Indian Agriculture: An Empirical Analysis"



FACULTY OF SCIENCE

SCHOOL OF BIOTECHNOLOGY

1. Name of the School: BIOTECHNOLOGY

2. Faculty Profiles:

ſ	S.	Name of the	Designation	Qualification	Specialization
ļ	No	Faculty Member			
	1.	Dr. Sharada M.	Associate Prof.	Ph.D.	Plant Tissue Culture &
		Potukuchi	& Head ,SoBT	Post Doc.	Genetic Engineering
ſ	2.	Dr. Ratna Chandra	Associate Prof.	Ph.D., NET	Plant Genetic
					Engineering, Bt
					Transgenics
ľ	3.	Dr. Anil Kumar	Assistant Prof.	M. Phil., Ph.D.,	Organic Chemistry
4	٥.	2117 mm Ramar	7 looistaile 1 loii	NET	organic chambery
ŀ	4.	Dr. Preeti Sharma	Assistant Prof.	Ph.D.	Microbial Biotechnology
	7.	Dr. Freed Sharma	Assistant 1101.	THI.D.	& Environmental Science
ŀ	5.	Dr. Shafaq Rasool	Assistant Prof.	Ph.D.	Microbiology &
	5.	Dr. Sharay Rasour	ASSISTANT PIOL	PII.D.	
4		M. Daws C	A i - t - u - t - Du - f	M.C. NET	Biotechnology
	6.	Mr. Parvez S.	Assistant Prof.	M.Sc. NET,	Bioinformatics & Biofuels
ŀ		Slathia		(Pursuing Ph. D.)	
ļ	7.	Mr. Arvind Yadav	Assistant Prof.	BE, M. Tech.	Biochemical Engineering
	8.	Dr. Indu Bushan	Assistant Prof.	Ph.D.	Biochemistry &
Į					Biotransformation
	9.	Dr. Vinod Singh	Assistant Prof.	Ph.D.	Immunology
L					
	10.	Dr. Swarkar	Assistant Prof.	Ph.D.	Genetics and Genomics
		Sharma		Post Doc.	of Human Disorders,
					Next Generation
					Sequencing
Ī	11.	Dr. Ekta Rai	Assistant Prof.	Ph.D.	Molecular Genetics of
				Post Doc.	Human Disorders,
					Diabetes
-	12.	Dr. Rakesh Kumar	Assistant Prof.	Ph.D.	Cancer Biology
		ztantoon reamon	7.0010101111111111	Post Doc.	DNA Damage Response
-	13.	Dr.Raju	Assistant Prof.	B. Pharm.,	Biochemical Engineering
	13.	Shankarayan	/ ISSISTANTE FIOR	M.Tech., Ph.D.	& Biotechnology
-	14.	Dr. Narender	Assistant Prof.	Ph.D.	Biotechnology & Genetics
	14.	Bairwa	Assistant Fiol.	Post Doc.	bioteciniology & defletics
L		Dali Wa		PUSE DUC.	

3. Programmes Offered & Enrollment (2020-2021):

Integrtaed B. Sc. (Hons.) (Biotechnology)	M. Sc. (Biotechnology)	Ph.D.
40	41	11

4. Details of Integrtaed B. Sc. (Hons.) (Biotechnology) Students (2020-2021):

Batch	Admitted Students					
2020 Entry	Male	Female	Total			
	4	36	40			

5. Details of M. Sc. (Biotechnology) Students (2020-2021):

Batch	Admitted Students				
2020 Entry	Male	Total			
	6	35	41		

6. Details of Research Scholars:

Year 2020-21		Ph.D.	
	Male	Female	Total
Admitted 2020-21	6	5	11
Awarded 2020-21	2	8	10
Total Presently under Supervision	8	17	25

7. Degree Awardees Nos. (2020-2021):

M. Sc. : 36 Ph.D. : 10

Information of Ph.D. Degree Awardees (2020-2021):

	SI.	Name of the	Name of Supervisors & Co-	Entry No.
4	No.	Candidate	supervisors	
	1.	Ms. Anuja Koul	Dr. Sharada M. P <mark>otukuchi</mark>	13PHDSBT08
	2.	Ms. Parteek Kour	Dr. Anil Kumar	12PHDSBC01
	3.	Ms. Amrita Bhat	Dr. Rakesh Kumar	14DBT003
	4.	Mr. Ghulam Rasool Bhat	Dr. Rakesh Kumar	14DBT006
	5.	Ms. Itty Sethi	Dr. Ekta Rai/ Dr. Swarkar Sharma	14DBT002
	6.	Ms. Ruchi Shah	Dr. Swarkar Sharma	14DBT004
	7.	Ms. Deepali Bhagat	Dr. Preeti Sharma	13PHDSBT01
	8.	Ms. Divya Bakshi	Dr. Rakesh Kumar	15DBT006
	9.	Ms. Ashna Nagpal	Dr. Rakesh Kumar	13PHDSBT04
	10.	Mr. Naseeb Singh	Dr. Anil Kumar	12PHDSBC02

8. Information About Each Faculty

8.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2020-2021)

S.	Title of the project	Whether	Funding	Funding	Role	Date of
No.	and duration	major or	Agency	received/	performed:	commencement
		minor project		Total grants (In Lakhs)	Investigator/ Co- investigator	date of

1.	Strengthening of Botanical Garden	Major	Ministry of Environment and Forest, GoI	13.0	Dr. Dheeraj Vyas, PI	2007-2008
2.	Establishment of Herbal Garden Trikuta Hills at SMVDU University	Major	National Medicinal Plants Board, Ministry of Health & Family Welfare, GOI New Delhi	10.0	Dr. Sharada M. Potukuchi, PI	2007-2010
3.	Fermentative production of lactic acid from Mahua flowers	Major	TRIFED, New Delhi	14.95	Prof. V. Verma, PI	2007-2009
4.	Development of DNA fingerprints in selected medicinal plants	Minor	Dabur India Limited, Ghaziabad	5.0	Prof. V. Verma, PI	2007-2010
5.	Exploring Myxobacteria from the state of Jammu and Kashmir for novel enzymes and secondary metabolism	Major	Department of Science & Technology, Govt. of India	19.63	Dr. Shafaq Rasool, PI	2010-2013
6.	DST Special Package for J&K	Major	Department of Science & Technology, Govt. of India	97.4	Prof. V. Verma, Coordinator	2009-2014
7.	UGC SAP DRS-I	Major	University Grants Commission, GOI	64.75	Prof. V. Verma, Coordinator, Dr. Sharada M.Potukuchi, Dy. Coordinator	2011-2016
8.	UGC SAP DRS-I Additional Grant	Major	University Grants Commission, GOI	20.0	Prof. V. Verma Coordinator, Dr. Sharada M. Potukuchi, Dy. Coordinator	2011-2016
9.	Bioactive Molecules from endophytic Microorganisms	Major	University Grants Commission, Govt. of India	13.9	Dr. V. Verma, PI/ Dr. Shafaq Rasool, Co-PI	2015-2018
10.	To Study Synergistic Effect of Dietary Molecules/ Nutraceutical(s) in Combination with Clinically Validated Cancer Chemotherapeutic Agents	Major	University Grants Commission, Govt. of India	14.05	Dr. Samantha Vaishnavi, PI	2015-2018

11.	Exploring Microbial Diversity & Mining Novel Hydrolases from Brackish Water	Major	Council of Scientific and Industrial Research,	34.0	Dr. Shafaq Rasool, PI	2012-2015
	Lakes of Ladakh Region by Metagenomic Approach		Govt. of India			
12.	Organocatalytic asymmetric Mannich/Intramolecu lar cyclization as formal [3+2] cycloaddtion: Onepot synthesis of substituted pyrrolidine ring systems	Minor	University Grants Commission, Govt. of India	9.0	Dr. Anil Kumar, PI	2011-2014
13.	Genetic Perspectives of Type 2 Diabetes Susceptibility in Population Group of Jammu and Kashmir, India	Major	Department of Science and Technology, SERB	27.0	Dr. Swarkar Sharma, PI	2014-2017
14.	Genetic perspective of DNA Damage in breast cancer	Major	Department of Science & Technology, SERB, Govt. of India	24.9	Dr. Rakesh Kumar, PI	2015-2018
15.	Micro-RNA's in Breast Cancer patients	Major	JK-DST	149.0	Principal Co- Investigator Dr. Rakesh Kumar	2012-
16.	mi RNA Status in Breast Tumors and therapeutic Potential	Major	J&K State Department of Science & Technology, J&K	150.0	Prof. R.N.K. Bamezai, PI, Dr. Rakesh Kumar, CoPI	2012-2015
17.	Cell and tissue engineering of in vitro cultures of Bacopa monnieri (L.)	Major	University Grants Commission, Govt. of India	13.71	Dr. Sharada M. Potukuchi, PI	2012-2015
18.	Molecular modeling and drug docking studies on Cystathionine beta lyase in selected members of Enterobacteriaceae	Minor	University Grants Commission, Govt. of India	1.60	Mr. Parvez S. Slathia, PI, Dr. Preeti Sharma, CoPI	2012-2014
19.	Replication and characterization of newly identified T2D susceptible genetic loci in Some Indian Population Groups	Minor	University Grants Commission, Govt. of India	6.0	Dr. Ekta Rai, PI	2014-2016

20.	Scientific Innovation	Minor	DST-JK	1.0	Dr. Rakesh	2017
	and Intellectual		(Workshop)		Kumar, PI	
	Property Rights				,	
21.	International	Minor	Department of	0.75	Dr. Indu	2019
21.		14111101		0.75	Bhushan	2019
	Conference Grant		Science &		Bnusnan	
			Technology,			
			Govt. of India			
22.	Engineering of the	Major	SERB-DST,	47.0	Dr.	2017-2020
	Insulin-producing	. idje:	Govt. of India	.,	Narendra	2017 2020
	pro-biotic yeast		Gove. or maid			
					Bairwa, PI	
	Saccharomyces					
	boulardii and					
	exploration of its					
	applications as					
	therapeutics for					
	diabetes					
22		NA - i	D	07.0	D	
23.	Targeting Synthetic	Major	Department of	87.0	Dr.	
	Lethality Interactions		Biotehcnology,		Narender	
	among Genome		Govt of India		Bairawa	
	Stability and Protein					
	degradation					
	Pathways Medicated					
	by SCF-E3 Ligase					
	Component F-Box					
	proteins for					
	personalized Drug					
	Development					
24.	Exploring the	Major	Department of	37.09	Dr. Preeti	2014-2018
	potential of probiotic		Biotechnology		Sharma, PI/	
	bacteria as a		, Govt. of		Mr. Parvez	
	potential source of		Índia		S. Slathia,	
	phytate degrading				Co-PI	
	enzymes and				00 11	
	bacteriocin					
25	production	D.A	D I	01.20	D. Carriero I	2017 2020
25.	Molecular	Major	Department of	91.30	Principal	2017-2020
	characterization of		Science &		Investigator	
	non-small cell lung		Technology,		Dr. Rakesh	
	carcinoma in patients		Govt. of India		Kumar	
	from Jammu and					
	Kashmir					
26.	Scientific Innovation	Workshop	J&K State	1.00	Convenor	2017
20.		WOLKSHOP		1.00		2017
	and Intellectual		Department of		Dr. Rakesh	
	Property Rights		Science &		Kumar	
			Technology,			
			J&K			
27.	Brain Storming	Workshop	J&K State	1.50	Convenor	
	Meeting on "Maternal		Department of		Dr. Rakesh	
	and Child Health"		Science &		Kumar	2018-19
			Technology,			
			J&K			
28.	Analyses of Modern	Major	National	~30.0	Dr. Swarkar	2019-2021
20.		Major				2019-2021
	Human DNA to		Geographic	(USD	Sharma, PI	
	understand genomic		Society, USA	50,000)	Dr. Ekta Rai,	
	formation of				Co-PI	
	population groups					
	from J&K-India					

2	9.	Centre for Advanced Research-CAR (ICMR)-A multi Institutional Project	Major	ICMR, Govt. of India	919.0	Principal Investigator and Co- Ordinator Dr. Rakesh Kumar	2018-2023
3	0.	ISSRF-2020	International Conference grant	Department of Science & Technology- SERB, J&K State Department of Science & Technology, J&K CSIR, GoI MCI, GoI	4.20	Convenor Dr. Rakesh Kumar	2020
3	1.	DBT-PGT for M. Sc. (Biotechnology)	Major	Departmnet of Biotechnology , Govt of India	180.0	Dr. Sharada Potukuchi, Coordinator/ Dr. Rakesh Kumar Co- Coordinator	2020-2023
3	2.	The genetics and epigenetics of infertility in humans by functional interrogation in animal models- a multi institutional study	Major	ICMR,Govt. of India	125.0 (Approx)	Principal Investigator Dr. Rakesh Kumar	2021-2024 Project not yet started
			GRANTS		2212.7	3 (Completed	l & Ongoing)

For chapters in a book (2020-2021):

SI. No	Title of the chapter Author of the Chapter	Title of the book	Editors (Mention all Editors)	Name of the publisher Indicate National or International	ISBN No. and year of publication
1.	Ethnomedical Applications and Phytochemistry of Boerhaaviadiffusa/ Savita Sharma and Sharada Mallubhotla; Chapter 25, pp. 525-539.	Plants for Novel Drug Molecules: Ethnobotany to Ethnopharmacology	Bikarma Singh and Yash Pal Sharma	New India Publishing Agency, New Delhi, India	ISBN: 97893895719 43/ 2021
2.	Microwave-assisted heterocyclics/ Parteek Kour & Anil Kumar	Green Sustainable Process for Chemical and Environmental Engineering and Science Microwaves in Organic Synthesis	Inamuddin, Boddula, R. and Asiri, A. (Eds.)	Elsevier (Science Direct) International	Paperback ISBN: 97801 28198483 eBook ISBN: 97801 28226704 Year-2021

3.	In Silico Designing of Vaccines: Methods, Tools, and Their Limitations/ Slathia, P. S., Sharma, P. (2020). pp. 245-277.	Computer-Aided Drug Design	Dr. Dev Bhuksh Singh	Springer, Singapore	ISBN: 978- 981-15- 6815-2. (2020)
4.	Evolutions of Cancer Therapies: An Integrative Approach to Combat Cancers/ Dr. Rakesh Kumar	Cancer Therapies, Traditional Medicine and Nutrition: An Integrative Approach to Combat Cancers.		Bentham Science Publishers	(In Progress)
5.	Biodiversity of Freshwater Ecosystems Dr. Rakesh Kumar	Biodiversity of Freshwater Ecosystems: Threats, Protection, and Management		Apple Academic Press	ISBN: 97817 74910023 Year: 2020

For paper (2020-2021):

	For paper (2020-2021):						
SI. No.	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise & Whether the applicant is the main author Yes/ No	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: DoI: (ISSN or DoI)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)		
1.	Anuja Koul, Munish Sharma, Mahima Sharma, Malvika Mehta, Sharada Mallubhotla and Indu Bhushan	Reactive oxygen and nitrogen species: Key players in plant response to stress	Name of the Journal: Plant Cell Biotechnology And Molecular Biology Publisher & Location: (Online): I.K. Press, India ISSN No.: 0972-2025 DoI: NA	Volume: 21 Issue No.: 15-16 Year: 2020 Page Nos.: 34-43	SCOPUS		
2.	Savita Sharma, Anuja Koul, Jyotsna Sharma, Vandana Sharma and Sharada Mallubhotla	Comparative Study of Different Nutrient Supplements on In Vitro Regeneration and Boeravinone B Production in Boerhaaviadiffusa L.	Name of the Journal: The Journal of Animal & Plant Sciences Publisher & Location: (Online): Elewa Biosciences,Pakistan ISSN No.: 2071-7024 DoI: 10.36899/JAPS.2021. 3.0265	Volume: 31 Issue No.: 3 Year: 2021 Page Nos.: 752-763	SCI-E		
3.	Jyotsna Sharma, Savita Sharma, Raju Shankarayan and Sharada Mallubhotla	Enhancement of Solasodine Content Using Signal Molecules in Shoot Cultures of Solanum nigrum	Name of the Journal: Plant Cell Biotechnology And Molecular Biology Publisher & Location: (Online): I.K. Press, India ISSN No.: 0972-2025 DoI: NA	Volume: 22 Issue No.: 11-12 Year: 2021 Page Nos.: 136-142	SCOPUS		

4.	Anuja Koul, Munish Sharma, Shagun Sharma, Jyotsna Sharma, Vijeshwar Verma and Sharada Mallubhotla	Exploration of therapeutic potential of Bacopa monnieri using in silico approach and optimization of culture conditions for bacoside production	Name of the Journal: Journal of Proteomics and Bioinformatics Publisher & Location: (Online): Longdom Group, Belgium ISSN No.: 0974-276X DoI: NA	Volume: 14 Issue No.: 5 Year: 2021 Page Nos.: 1- 4	SCOPUS
5.	Vidushi Abrol, Manoj Kushwaha, Divya Arora, Sharada Mallubhotla and Sundeep Jaglan	Mutation, Chemoprofiling, Dereplication, and Isolation of Natural Products from Penicillium oxalicum	Name of the Journal: ACS Omega Publisher & Location: (Online): American Chemical Society, USA ISSN No.: 2470-1343 DoI: https://doi.org/10.10 21/acsomega.1c0014 1	Volume: NA Issue No.: NA Year: 2021 Page Nos.: NA	SCI-E
6.	Jyotsna Sharma, Anuja Koul, Savita Sharma, Raju Shankarayan and Sharada Mallubhotla	In vitro propagation of Nanorrhinumramo sissimum (Wall.) Betsche: A traditionally important medicinal plant	Name of the Journal: Kuwait Journal of Science Publisher & Location: (Online): Academic Publication Council, Kuwait University ISSN No.: 2307-4116 DoI: https://doi.org/10.48 129/kjs.v48i3.9100	Volume: 48 Issue No.: 3 Year: 2021 Page Nos.: 1- 10	SCI-E
7.	Parteek Kour, Monika Ahuja, Pratibha Sharma, Ashok Kumar and Anil Kumar	An improved protocol for the synthesis of 3,4-disubstituted isoxazol-5(4H)-ones through L-valine-mediated domino three-component strategy	Name of the Journal: J. Chem. Sci. eISSN: 0973-7103 DoI:https://doi.org/1 0.1007/s12039-020- 01801-5	Volume: 132 Issue No.: ? Year: 2020 Page Nos.: 108	SCI-E
8.	Varun Pratap Singh, Anup Singh Pathania, Sonia Sharma, Fayaz Ahmed Malik, Anil Kumar, Deepika Singhand Ram A. Vishwakarma	Total Synthesis and Conformational Analysis of Naturally Occurring Lipovelutibols along with Lead Optimization of Lipovelutibol D	Name of the Journal: ACS Omega Publisher: American Chemical Society ISSN: 2470-1343 DoI: https://doi.org/10.10 21/acsomega.0c0403 8	Volume: 6 Issue No.: 9 Year: 2021 Page Nos.: 6070-6080	SCI-E
9.	Varun Pratap Singh, Anup Singh Pathania, Manoj Kushwaha, Samsher Singh, Vandana Sharma, Fayaz A. Malik, Inshad A.	14-Residue peptaibol velutibol A from Trichoderma velutinum: its structural and cytotoxic evaluation	Name of the Journal: RSC Adv. Royal Society of Chemistry ISSN: 2046-2069 DoI: 10.1039/D0RA05780 K	Volume: 10Year: 2020 Page Nos.: 31233-31242	SCI-E

	Khan, Anil Kumar, Deepika Singhand Ram A. Vishwakarma				
10.	Raina N, Slathia P S, Sharma P	Experimental optimization of thermochemical pretreatment of sal (Shorea robusta) sawdust by Central Composite Design study for bioethanol production by cofermentation using Saccharomy ces cerevisiae (MTCC-36) and Pichia stipitis (NCIM-3498)	Name of the Journal: Biomass and Bioenergy DoI: 10.1016/j.biombioe.2020.105	Volume: 143 Issue No.: 10 Year: 2020 Page Nos.: 5819	SCI-E
11.	Raina N, Slathia PS, Sharma P	Response surface methodology (RSM) for optimization of thermochemical pretreatment method and enzymatic hydrolysis of deodar sawdust (DS) for bioethanol production using separate hydrolysis and cofermentation (SHCF).	Name of the Journal: Biomass Conversion and Biorefinery. DoI: 10.1007/s13399-020-00970-0	Volume, Page: Not available. Year: 2020	SCI-E
12.	Slathia PS, Choudhary AK, Sharma, P.	Designing of epitope based vaccine for visceral leishmaniasis: A bioinformatics study.	Name of the Journal: International Journal of Infectious Diseases DoI: https://doi.org/10.10 16/j.ijid.2020.09.123 9	Volume: 101 Year: 2020 Page Nos.: 473	SCI-E
13.	Har Mohan Singh, V.V.Tyagi, RichaKothari, RifatAzam, Parvez Singh Slathia, Bhaskar Singh.	Bioprocessing of cultivated Chlorella pyrenoidosa on poultry excreta leachate to enhance algal biomolecule profile for resource recovery	Name of the Journal: Bioresource Technology DoI: 10.1016/j. biortech.2020.123850	Volume: 316 Page Nos.: 123850	SCI-E
14.	Sonali Verma, Divya Bakshi, Varun Sharma, Indu Sharma,	Profiling of Newly Identified Genetic Variants at 7p15.3 and	Name of the Journal: International Journal of Gynecology &	Volume: 148 Issue No.: 1 Year: 2020 Page Nos.:	SCI-E

1	Ruchi Shah,	6p21.1 in Ovarian	Obstetrics	118-122	
	Bhanu Sharma, Amrita Bhat, G.R Bhat, Ajay Wakhloo, Jyotsna Suri, Sandeep	and Breast cancer females of Jammu and Kashmir: A First Report			
	Kaul, Vijeshwar Verma, Rakesh Kumar				
15.	Souneek Chakraborty, Mir Khalid, Rakesh Kumar, Debasis Nayak, Anindya Goswami	Integration of EMT and cellular survival instincts in reprogramming of programmed cell death to anastasis	Name of the Journal: Cancer Metastasis and Reviews	Volume: 39 Issue No.: 2 Year: 2020 Page Nos.: 553-566	SCI-E
16.	Ruchi Shah, Puja G. Khaitan, Tej K. Pandita, Adnan Rafiq Deepak Abrol, Jyotsna Suri, Sandeep Kaul, Rakesh Kumar and Swarkar Sharma	Gastric cancer in Jammu and Kashmir India:A Review of Genetic Perspectives	Name of the Journal: J Can Res Ther.	2020	SCI-E
17.	Ruchi Shah, Varun Sharma, Amrita Bhat, Hemender Singh, Indu Sharma, Sonali Verma, Gh Rasool Bhat, Bhanu Sharma, Divya Bakshi, Rakesh Kumar and Nazir Ahmed Dar	Mass ARRAY analysis of twelve cancer related SNPs in esophageal squamous cell carcinoma in the population of Jammu and Kashmir-India	Name of the Journal: BMC Cancer	Volume: 20 Issue No.: 1 Year: 2020 Page Nos.:497	SCI-E
18.	Gh. Rasool Bhat, Sonali Verma, Amrita Bhat, Ruchi Shah,Itty Sethi, Khursheed A. Dar, Deepak Abrol, Audesh Bhat, Rakesh Raina and Rakesh Kumar	Genetic variant rs2494938 of LRFN2gene is associated with non-small cell lung cancer risk in North-Indian population	Name of the Journal: 3Biotech	Volume: 10 Year: 2020 Page Nos.:410	SCI-E
19.	Ashna Nagpal, Sonali Verma, Ruchi Shah, Gh. Rasool Bhat, Amrita Bhat, Divya Bakshi, Bhanu Sharma, Sandeep Kaul, and Rakesh Kumar	Genetic polymorphism of hOGG1 ser326cys and its association with breast cancer in North Indian Population.	Name of the Journal: Indian J Cancer	Volume: 57 Issue No.: 2 Year: 2020 Page Nos.:187-189	SCI-E
20.	Itty Sethi, Gh. Rasool Bhat, Rakesh Kumar, Ekta Rai and	Dual Labeled Fluorescence Probe Based qPCR Assay to Measure	Name of the Journal: Gene	Issue No.: 2 Year: 2020 Page Nos.:	SCI-E

	Swarkar Sharma	the Telomere Length Gene, 145178		145-178	
21.	Divya Bakshi, Ashna Nagpal, Varun Sharma, Indu Sharma, Ruchi Shah, Bhanu Sharma, Amrita Bhat, Sonali Verma, Gh. Rasool Bhat, Deepak Abrol, Rahul Sharma, Samantha Vashnavi and Rakesh Kumar	MassARRAY- based single nucleotide polymorphism analysis in breast cancer of North Indian Population	Name of the Journal: BMC Cancer	2020 Sep Volume: 20 Issue No.: 1 Year: 2020 Page Nos.:861	SCI-E
22.	Amrita Bhat, Deepak Abrol, Gh. Rasool Bhat, Ruchi Shah, Sonali Verma, Divya Bakshi, Bhanu Sharma, Supinder Singh, Rakesh Raina and Rakesh Kumar	The Genetic variant rs2301721 of HOXA7 associated risk for Leukemia in Jammu region of North Indian Population	Name of the Journal: Polymor- phism	Volume: 5 Year: 2020 Page Nos.:68-76	SCI-E
23.	Sonali Verma, Varun Sharma, Indu Sharma, Ruchi Shah, Amrita Bhat, Gh. Rasool Bhat, Divya Bakshi, Ashna Nagpal, Bhanu Sharma, Deepak Abrol, Rahul Sharma, Audesh Bhat, Rakesh Kumar	Association Analysis of Cancer Susceptibility Variants in Ovarian Cancer Patients	Name of the Journal: Sci Rep. DoI: 10.1038/s41598- 020-76491-7	Volume: 10 Issue No.: 1 Year: 2020	SCI
24.	Deepika Bhushan Raina, Sonali Verma, Namrata Thapa, Gresh Chander, Shrutika Kachroo, Ruchi Shah and Rakesh Kumar	Esophageal Cancer and Genetic Analysis Using High Throughput mass ARRAY technique-	Name of the Journal: A Review Oncol Clin Res	Volume: 2 Issue No.: 1 Year: 2020 Page Nos.:92-94	SCI-E
25.	Bhanu Sharma, Ruchi Shah, Rajeshwar Singh, Sonali Verma, Amrita Bhat, Gh. Rasool Bhat, Divya Bakshi, Supinder Singh, Shabab Angurana, Audesh Bhat, Samantha Vaishnavi and Rakesh Kumar	Evaluation of Newly Identified IKZF1 Loci in Colorectal cancer	Name of the Journal: J Can Res Ther	Year: 2021	SCI-E

26.	Sonali Verma, Gresh Chander, Amrita Bhat, Impact on Infertile Women – A Review.		Name of the Journal: Journal of Reproductive Healthcare and Medicine	Volume: 2 Year: 2021 Page Nos.:10	SCI-E
	Kachroo, Ruchi Shah and Rakesh Kumar				
27.	Sabah Nisar, Parvaiz Yousuf, Tariq Masoodi, Nissar Ahmad Wani, Sheema Hashem, Mayank Singh, Geetanjali Sageena, Deepika Mishra, Rakesh Kumar, Mohammad Haris, Ajaz Ahmad Bhat and Muzafar A. Macha	Chemokine- Cytokine Networks in the Head and Neck Tumor Microenvironment	Name of the Journal: Int. J. Mol. Sci DoI: 10.3390/ ijms22094584	Volume: 22 Year: 2021 Page Nos.:4584	SCI-E
28.	Monika Pandita, Heena Shoket, Aayushi Rakwal, Shreya Wazir, Prabhat Kumar, Rakesh Kumar	Glyoxylate pathway regulator UCC1 and La- motif encoding SRO9 genes interact	Name of the Journal: J Biochem Mol Toxicol. DoI: 10.1002/ jbt.22781	Volume: 2:e22781 Year: 2021	SCI-E
	and Narendra Bairwa	genetically to regulate stress response and apoptosis in Saccharomyces cerevisiae			
29.	Divya Bakshi, Bhanu Sharma, Ruchi Shah, Amrita Bhat, Sonali Verma, Gh. Rasool Bhat, Deepak Abrol, Rahul Sharma,	ANKLE-1 as new hotspot mutation for Breast cancer in Indian population and has a role in DNA Damage and repair in	Name of the Journal: Front. Genet.	Volume: 11 Year: 2021 Page Nos.:609758	SCI-E
	Samantha Vashnavi and Rakesh Kumar	mammalian cells			
30.	Amrita, Bhat, Gh Bhat, Sonali Verma, Bhanu Sharma, Divya Bakshi, Deepak Abrol, Supinder Singh, Raies Qadri, Ruchi Shah and Rakesh Kumar:	Analysis of Seventeen genetic variants in association with Leukemia within North Indian population using mass ARRAY Sequenom	Name of the Journal: J Biochem Mol Toxicol.	Volume: e- 22792 Year: 2021	SCI-E
31.	Minerva, Ruchi Shah, Amrita Bhat, Sonali Verma, Gresh	Role of genetic, environmental and hormonal factors in the	Name of the Journal: Journal of Reproductive Healthcare and	Year: 2021 (In Press)	SCI-E

	Chander, Gh Rasool Bhat, Namrata Thapa, Audesh Bhat, Ajay Wakhloo, Ashraf Ganie and Rakesh Kumar	progression of PCOS: A Review	Medicine		
32.	Gh. Rasool Bhat, Itty Sethi, Amrita Bhat, Sonali Verma, Divya Bakshi, Bhanu Sharma, Muddasser Nazir, Khursheed A Dar, Deepak Abrol, Ruchi Shah, Rakesh Kumar	Evaluation of the genetic variants using MassARRAY in non-small cell lung cancer among North Indians	Name of the Journal: Sci Rep DoI: 10.1038/s41598- 021-90742-1	Volume: 11291 Year: 2021	SCI

8.2 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended or Presented (2020-2021)

Example:

	SI.	Title of the	Title of the	Organizing	Who presented as	National/
	No.	Seminar/Conference/	Talk (if	agency	Invited	International
		Workshop and Dates	presenter)		lecture/Resource	(abroad)/
		& Year	Or		person/Keynote	International
		& Teal	For Shor-		speaker/Paper	(within the
			term		presenter/Plenary	country)/
			course &		speaker	State/University
			Workshop		Or	
			(NA)		Simply Attended	
	1.	Harnessing Science and	Science and	Govt. Degree	Invited Lecture: Dr.	National
		Technology for Women's	Technology	College,	Sharada M.	
		Welfare in Jammu	for Women's	Parade,	Potukuchi	
		Region	Welfare in	Jammu		
		16.12.2020	present			
		10.12.2020	perspectives			
H	2.	Ethical Guidelines for	Four Week	ICMR-CAR,	Invited Lecture: Dr.	National
	۷.			,		Ivacional
		Human Research: The	Capacity	SMVDU	Sharada M.	
		Indian Perspective	Building		Potukuchi	
		04.01.2021 -	Training			
L		06.02.2021	Programme			
	3.	One day webinar on	NA	Department	Attended	National
		"Emerging Trends in		of Chemistry	Dr. Anil Kumar	
		Organic Synthesis		and		
		(ETOS-2021)" on 19 th		Chemmical		
		March, 2021.		Sciences,		
				Central		
				University of		_1000
				Jammu in		
				collaboration		
				with		
				Department		
				of Chemistry,		
L				IIT Jammu.		

4.	5-Day Faculty Development Programme on Accelerating Innovations in Material Science- Surface Characreization 18 th to 22 nd May, 2021	NA	Deapartment of Chemistry, BMS Institute of Technology & Management, Bengaluru, India	Attended: Dr.Anil Kumar	National
5.	One week online short term course "Chemistry of Advanced Functional Materials (CAFM-2020)" during 21-25 September, 2020.	NA	Deapartment of Chemistry, NIT, Srinagar	Attended: Dr. Anil Kumar	National
6.	Online Meeting on Pre & Description on Pre & Descri	NA	Prism Scientific	Attended: Dr. Preeti Sharma	International
7.	6th World Congress on Nutrition and Dietitics Theme: Strategies and revolution in the field of Nutrition and Dietetics. 20 th - 21 st May 2021	Emphasizing the probiotics characte- ristics of strains isolated from fermented foods	EuroSciCon	Invited Speaker: Dr. Preeti Sharma	International
8.	Online Meeting on Pre & Description on Pre & Descri	NA	Prism Scientific	Attended: Mr. Parvez Singh Slathia	International
9.	"Ozone Depletion and Environmental Education with special Reference to Indian Culture" on 16 th September, 2020	NA	Comparative Religions and Civilizations (CCRC), Central University of Jammu	Attended: Dr. Raju Shankarayan	National
10.	Virtual workshop on iCURE, (inter-disciplinary Course-based Undergraduate Research Experiences)(4-5 th June 2021)	NA	Arizona State University, USA	Attended: Dr. Narender Kumar Bairwa	International
11.	Virtual Yeast Bridging Research and Education Workshop (BREW) (7th and 10 th June, 2021)	NA	NIH and Genetic Society of America, USA	Attended: Dr. Narender Kumar Bairwa	International
12.	Role of Teachers in National Education Policy (NEP) on March 10th, 2021 via Online Mode		Bhartiya Sikhashan Mandal, NITI Aayog and Shri Mata Vaishno Devi University,	Discussant: Dr. Vinod Singh	National

		Katra, Jammu and Kashmir.		
13.	Human Molecular Genetics (Jan-Feb 2021)	NPTEL-AICTE	Attended Dr. Vinod Singh	National

8.3 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

SI. No.	Title of the Seminar/Conference/Works hop/Etc. and Dates & Year	Organiser's Name	Role	Organi zing agency	National/ International (abroad)/ International (within the country)/ State/University
1.	Exposure to farmers of Agriculture Sub-division Udhampur 22.01.2021	Dr. Sharada M. Potukuchi	Coordinator	SMVDU	State
2.	Exposure to farmers of Agriculture Sub-division Ramnagar 03.02.2021	Dr. Sharada M. Potukuchi	Coordinator	SMVDU	State
3.	Exposure to farmers of Agriculture Sub-division Ramnagar 03.02.2021	Dr, Sharda Potukuchi, Dr. Preeti Sharma, Dr. I B Sharma	One of the member of committee	SMVDU	State
4.	One day Awareness Camps	Dr. Rakesh Kumar	Organizer and Convenor	ICMR- CAR	University
5.	International Conference on Reproductive Health Indian Society for the Study of Reproduction and Fertility (ISSRF)	Dr. Rakesh Kumar	Organizer and Convenor	ICMR- CAR	Interantional
6.	Webinars and workshops	Dr. Rakesh Kumar	Organizer and Convenor	ICMR- CAR	University
7.	Awareness Lectures conducted at ICMR-CAR SMVDU, Katra	Dr. Rakesh Kumar	Organizer and Convenor	ICMR- CAR	University
8.	In a webinar of the series Genetic Defects in IVF Babies	Dr. Rakesh Kumar	Co- Convenor	SIG	University
9.	Genetics and Cancer and their effect and interaction with the peoples of the society	Dr. Rakesh Kumar	Speaker	On Antrang	University
10.	16th Annual conference FERTIVISION & 1st Virtual Global Congress of Indian fertility Society	Dr. Rakesh Kumar	Co- Convenor	FOGSI and IFS	University
11.	In a webinar series Era of Genetics clues to Fertility SIG (Applied Genetics)	Dr. Rakesh Kumar	Co- Convenor	SIG	University

12.	In a webinar's series Fertility and Genomics: Hopes and Hypes	Dr. Rakesh Kumar	Co- Convenor	SIG	University
13.	Published his article In Newspapers which was on Cancer spreads tentacles through lifestyle which was appreciated by readers.	Dr. Rakesh Kumar			University

8.4 Ph.D. Guided 2020-2021

	6l. No.	Name of Student	Name of the Supervisor/s Mention Main Supervisor: Co-supervisor	Awarded (Title of the thesis/dissertation)	Submitted (Title of the thesis/dissertation)
1.		Dr. Anuja Koul	Dr. Sharada M. Potukuchi	Phytochemical and Genetic Diversity Assessment on In Vitro Regeneration Aspects in Selected Accessions of Bacopa monnieri (L.) Wettst	Awarded 29.12.2020
2.		Ms. Jyotsna Sharma	Dr. Raju Shankarayan/ Dr. Sharada M. Potukuchi		An Investigative Study on In Vitro Regeneration and Production of Phytochemicals in Selected Medicinal Plant Species Submitted 12.02.2021
3.		Ms. Savita Sharma	Dr. Sharada M. Potukuchi	नं ब्रह्म	An Investigative Study on In Vitro Regeneration and Production of Phytochemicals in Selected Medicinal Plant Species Submitted 19.02.2021
4.		Ms. Vidushi Abrol	Dr. Sundeep Jaglan/ Dr. Sharada M. Potukuchi		Studies on Secondary Metabolites Production in Important Fungi by Chemical Mutagenesis Submitted 11.02.2021

5.	Mr. Naseeb Singh	Dr. Anil Kumar	Development of new synthetic methods for the synthesis of some new heterocyclic compounds containing benzotriazole scaffolds	Awarded
6.	Ms Deepali Bhagat	Dr. Preeti Sharma	Characterization of phytate degrading enzyme from selected probiotics isolates	Awarded 22.10.2020
7.	Ms Supriya Hakeem	Dr. Preeti Sharma (Co- supervisor)	Computational study on Interaction of selected enzymesand inhibitors for Drug design against Mycobacterium tuberculosis	Awarded 8.6.2020
8.	Ms Neelu Raina	Dr. Preeti Sharma		A study on bioethanol production using pretreatment and fermentation strategies for saw dust obtained from Cedrus deodara (Deodar) and Shorea robusta (Sal) Submitted
9.	Dr. Ashna Nagpal	Dr. Rakesh Kumar	Genetic perspective of DNA Damage in breast cancer	Awarded
10.	Dr. Amrita Bhat	Dr. Rakesh Kumar	Advanced molecular analysis of Leukemia in North Indian population	Awarded
11.	Dr. Gh. Rasool Bhat	Dr. Rakesh Kumar	Genetic Characterisation of Non-Small Cell Lung Carcinoma in Patients from Jammu and Kashmir Awarded	Awarded
12.	Dr. Divya Bakshi	Dr. Rakesh Kumar& Dr. Samantha Vashnavi.	Genetic Characterization of DNA Damage In Breast Tumorigenesis Awarded	Awarded

13.	Ms Meenu	Dr. Narender	Investigation into the
	Sharma	Kumar Bairwa/	Role of F-box Motif
		Dr.V. Verma	Encoding Gene SAF1
			in Combination with
			Certain Genome
			Stability Regulators in
			the Maintenance of
			Genome Stability and
			Stress Response in S.
			cerevisiae Submitted

8.5 Students' Achievement (2020-2021)

SI. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1.	Rashmi Sharma	17DBT003	Attended and participated in two hour training webinar on the topic	Chemistry World Webinars
			"The complete guide on Review paper publication for Ph.D. scholars" on 20 June, 2021 Attended one day World Webinar on "Molecular modeling for the Medicinal Chemistry toolkit" on May 27, 2021	Department of Chemistry, Akal University
		4	Attended and participated in One day National Webinar on "Recent Trends in Green Chemistry-III (RTGC-2021)" on April, 24, 2021 Attended and participated in One day National Conference on "Recent Trends in Green Chemistry-I (RTGC-2021)" on March 27, 2021	Internal Quality Assurance Cell (IQAC) and Institution's Innovation Council (IIC) of Yashwantrao Mohite College of Arts, Science and Commerce, Pune, India
		C	Attended and participated in One day International Conference on"Innovative Thinking in Science and Technology" held on Tuesday, 23rd February 2021	Department of Chemistry, Bharata Mata College, Thrikkakara, Kerala

Participated and presented a poster entitled "Benzotriazole-Substituted Heterocyclics, a Promising Skeleton in Biomedical Research" in the International Conference on 'Advanced Materials for Biomedical Applications' during 2nd - 4th December 2020	RSC publishing webinars
Attended Chemcomm Emerging Investigators desktop seminar on 17 Nov, 2020	
Attended desktop seminar with Chemical Society Reviews on 19 Nov, 2020	Department of Chemical Engineering,
Attended Chemcomm Emerging Investigators desktop seminar on 2 Dec, 2020 Attended and successfully qualified	Coimbatore Institute of Technology, Coimbatore sponsored by AICTE.
the Programme Evaluation Test of One Week Online Short-Term Training Programme on "Expanding Horizons of	
Nanotechnology in Engineering, Medicine and Biotechnology (EHNEMB 2020)", Series – 3 during 19-24 October, 2020	
Attended and presented a poster on the topic "Benzotriazole: A promising synthetic auxiliary for	PG Department of
drug development" in three days virtual International conference(ERTCS-2020) from 24-26 July, 2020	Chemistry, Govt. Post Graduate College, Rajouri

ICMR-CAR STAFF Achievements (2020-2021)

S. No.	Name of the Staff	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1.	Dr. Gresh Chander & Dr. Sonali Verma	Scientist B ICMR-CAR	One day online workshop on "Bivariate Data Analysis - Hands on Training" 25 th July 2020	Institute of Management Studies, Noida.
2.	Dr. Gresh Chander & Dr. Sonali Verma	Scientist B ICMR-CAR	Regression Analysis Using SPSS July 26, 2020	World Virtual Conferences

3.	Dr. Sonali Verma	Scientist B ICMR-CAR	Oncologic Scientific update in covid 19-pandemic 18 th July 2020	Indian Association of Oncology
4.	Dr. Sonali Verma	Scientist B ICMR-CAR	Advanced ovarian cancer prolonging survival in the present decade 25 th July 2020	Indian Association of Oncology
5.	Dr. Sonali Verma	Scientist B ICMR-CAR	A decade of progress in cancer supportive care: A myth or reality 8 August 2020	Indian Association of Oncology
6.	Dr. Sonali Verma	Scientist B ICMR-CAR	Strengthening of Immune system against covid 19 through agricultural innovations 29th July 2020	College of Agriculture, Shri Karan Narendra Agricultural University Rajasthan
7.	Dr. Sonali Verma	Scientist B ICMR-CAR	Oral Presentation Virtual Conference - 8 th CRAB 2-4 October 2020	LBN-ROH
8.	Dr. Sonali Verma	Scientist B ICMR-CAR	Presented oral presentation on title Genetic Assovariancanceriation of Cancer Susceptibility Variant rs269987 of PIK3CA gene in Ovarian Cancer Patients of Jammu and Kashmir in conference Just Tumors-Benign to Malignant 11-13 December 2020	POGS
9.	Dr. Sonali Verma & Dr. Gresh Chander	Scientist B ICMR-CAR	Attended 26 th Annual International Conference on New Trends and Developments in Women's Reproductive Health November 26-27, 2020	The Egyptian Fertility and sterility society
10.	Dr. Gresh Chander	Scientist B ICMR-CAR	Attended one day webinar on "Role of Afatinib in managing 1st line EGFR mut+ve patients and sequencing of lung TKIs" 5th September 2020	International Association of Oncology IAO
11.	Dr. Gresh Chander	Scientist B ICMR-CAR	Participated in one day webinar on "Aquatic Entomofaunal Diversity in India" 3 rd September 2020	Freshwater Biology Regional Centre, Zoological Survey of India, Hyderabad
12.	Dr. Gresh Chander	Scientist B ICMR-CAR	Attended one day webinar on "Updates in management of pancreatic Cancer" 29th August 2020	International Association of Oncology IAO

13.	Dr. Gresh Chander	Scientist B ICMR-CAR	Participated in one day webinar on "Viruses vs Environment; Causes and Effects" 29 th August 2020	Organized by International society of Environment Relationship and Sustainability (ISERS)
14.	Dr. Gresh Chander	Scientist B ICMR-CAR	Participated in one day webinar on "Functional constipation in Children" 28 th August 2020	Bioleagues
15.	Dr. Gresh Chander	Scientist B ICMR-CAR	Participated in one day webinar on "New Emerging Technological Interventions for skill Development in Biological Sciences" 20 th August 2020	Organized by Department of Zoology Government Degree college Anantnag
16.	Dr. Gresh Chander	Scientist B ICMR-CAR	Participated in the Virtual International Seminar on "New Normal in Fisheries Sector Amidst and Post COVID-19in India" 31st July to 2nd August 2020	TNJFU Business School (Fishries), OMR Campus Chennai
17.	Dr. Gresh Chander	Scientist B ICMR-CAR	Attended online webinar on Oncology Scientific update in Covid-19 Pandemic. 18 th July 2020	Organized by International Association of Oncology IAO
18.	Dr. Gresh Chander	Scientist B ICMR-CAR	Participated in two days webinar on COVID-19 Pandemic: Crisis and Aftermath. 20-21 st July 2020	Department of Biochemistry and Bioengineering (JIBB), Sam Higginbotton University of Agricultural, technology and Sciences
19.	Dr. Gresh Chander	Scientist B ICMR-CAR	Attended online webinar on Advanced Ovarian cancer prolonging survival in the present decade. 25 th July 2020	Organized by International Association of Oncology IAO
20.	Dr. Gresh Chander	Scientist B ICMR-CAR	Participated in a One-day online workshop on "Bivariate data analysis- Hands on training 25 th July 2020	Organized by Institute of Management studies Noida
21.	Dr. Gresh Chander	Scientist B ICMR-CAR	Attended online session on "Patent Prosecution Challenges and Strategies in India" 26 th July 2020	Frontiers Legal and Turnip Innovations

22.	Dr. Gresh Chander	Scientist B ICMR-CAR	Participated in two days International webinar on "Recent trends in Medicinal Chemistry" 27 th - 28 th July 2020	Center for Basic Sciences Pt. Ravishankar Shukla University, Raipur and Co- supported by Chemical Research Society of India CRIS Local Chapter Chathisgarrh
23.	Dr. Gresh Chander	Scientist B ICMR-CAR	Attended virtual meet on Practice changing capsule for Breast Cancer Radiation Oncology Update. 2 nd May 2021	American Oncoloy Institute, Precision Cancer care
24.	Dr. Gresh Chander	Scientist B ICMR-CAR	Attended webinar on "Current Advances in Breast Cancer" 18 th March 2021	Internationsal Association of Oncology and Bioleagues
25.	Dr. Gresh Chander	Scientist B ICMR-CAR	Attended National webinar on "Current Scenario and Future Challenges with Emphasis on Awareness about Covid -19 Pandemic" 20 December 2020	National Academy of Sciences, India (NASI)
26.	Dr. Gresh Chander	Scientist B ICMR-CAR	Participated in 29 th Annual POGS Conference REEDIFY 2021 Discussion to Decision. 5 th to 7 th March 2021	Pune Obstertic and Gynaecological Society



SCHOOL OF MATHEMATICS

1. Name of the School: Mathematics

2. Faculty Profiles:

S. No.	Name of the Faculty	Designation	Qualification	Specialization
	Member			
1.	Prof. V.K Bhat	Professor	CSIR (NET) &	Ring Theory, Graph
			Ph.D.	Theory
2.	Dr. Uday Pratap Singh	Associate Professor	CSIR (NET) &	Soft Computing,
			Ph.D.	Nonlinear Dyanamics
3.	Dr. Ananga Kumar Das	Associate Professor	Ph.D.	Topology
4.	Dr. Kuldip Raj	Assistant Professor	Ph.D.	Functional Analysis,
				Operatory Theory
5.	Dr. Sandeep Bhougal	Assistant Professor	Ph.D.	Sequential Analysis
6.	Dr. Rakesh Kumar	Assistant Professor	Ph.D.	Operation Research
7.	Dr. Surender Singh	Assistant Professor	CSIR (NET) &	Information Theory
			Ph.D.	
8.	Dr. Sandeep Sharma	Assistant Professor	Ph.D.	Differential Geometry
9.	Dr. Palak Pandoh	Assistant Professor	JRF, GATE, JK	Theoretical Computer
			SET & Ph.D.	Science

3. Programmes Offered & Enrollment (2020-2021):

Integrated M.Sc. Mathematics	M.Sc.	PhD
31	31	03

4. Details of Integrated M.Sc. Students (2020-2021):

Batch	A	Admitted Students				
2020 Entry	Male	Female	Total			
31	13	18	31			

5. Details of M.Sc. Students (2020-2021):

Batch	Admitted Students				
2020 Entry	Male Female Total				
32	11	21	32		

6. Details of Research Scholars:

Year 2020-21	Ph.D.		
	Male	Female	Total
Admitted 2020-21	02	01	03
Awarded 2020-21		05	05
Total Presently under Supervision	07	05	12

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2020-2021):

Example:

9	S. No.	Title of the seminar/conference and dates & year	Title of the Talk	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ International (abroad)/ International (within the country)/ State/University
1		Soft Computing Techniques & Communication Engineering	Stock Market Forecasting using Computational Intelligence Technique	LNCT Bhopal	Invited Lecture	International
2		ATAL FDP	AI for energy forecasting	Manipal Institute of Technology	Resource person	National
3		ATAL FDP	Probability and Statistics for Data Science	Hindustan College of Engg. & Tech. Coimbatore	Resource person	National

8. Degree Awardees Nos. (2020-2021):

M.Sc. : 39 Ph.D. : 05

Information of Ph.D. Degree Awardees (2020-2021):

SI.	Name of the Candidate	Name of	Entry No.
No.	145	Supervisors & Co-	
		supervisors	
1.	Mrs. Elina Shubhadarsini	Dr. Ajay Kumar	11PHDSOM01
2.	Ms. Sapana Sharma	Dr. Rakesh Kumar	15DMT003
3.	Ms. Sumita Lalotra	Dr. Surender Singh	16DMT006
4.	Ms. Sonam Sharma	Dr. Surender Singh	16DMT002
5.	Ms. Anu Choudhary	Dr. Kuldip Raj	16DMT001

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2020-2021)

S.No.	Title of the project	Whether major or minor project	Funding agency	Funding received/ Total grants	Role performed: Investigator / Co- investigator / Project director	Date of commence ment and date of completion	Whether outcome/ outputs sent to sponsoring Govt. Agency
1.	DST-FIST	Major	DST	INR 2,80,0000/-	Principal Investigator	2021-2015 (5 Years)	Procurement is in process information will be send soon
2.	Plant Leaves Disease Classification Using Computational Intelligence Techniques	Major	AICTE	INR 4,96,854/-	Principal Investigator	2021-2023 (3 Years)	report has been submitted
3	A study of sequence spaces and their operators	Major	CSIR	13 lacs	Investigator	01-04 2018	50%

9.2 Patents (2020-2021):

SI. No.	Title and description of the Patent	Registration No. and	International/National
	(who filed/awarded)	year	
1.	A Method and System for Human	SMVDU/IPMSC/039).	National
	Identification in Multi-gait Scenario		
2.	Device to Automatically Configure a	201921017918 A	National
	Firewall and Monitor Network		

9.3 Research Publications (with full details in below format) for 2020-2021:

Example:

For book:

SI. No.	Title of the book	Authored/ Co- authored (Mention all authors)	Name of the publisher Indicate National or International	ISBN No. Year of publication
1.	Reactive Distillation Advanced Control Using Neural Networks	V. Sakhre and Uday Pratap Singh,	De Gruyter	ISBN:978- 3110656145 (2021-2022)

For chapters in a book (2020-2021):

SI. No	Title of the chapter Author of the Chapter	Title of the book	Editors (Mention all Editors)	Name of the publisher Indicate National or International	ISBN No. and year of publication
1.	Intuitionistic Fuzzy Generalized Lucas Ideal Convergent Sequence Spaces Associated with Orlicz Function	Soft Computing Techniques in Engineering, Health, Mathematical and Social Sciences	Pradip Debnath and S. A. Mohiuddine	CRC Press Taylor and Francis Group International	978-0-367- 75068-8 2021
2.	A difference-cum- exponential type efficient estimator of population mean. Kuldeep Kumar Tiwari, Sandeep Bhougal& Sunil Kumar	Mathematical Modeling and Computation of Real- Time Problems.	Rakhee Kulshrestha, Chandra Shekhar, Madhu Jain, Srinivas R. Chakravarthy (Editors)	Boca Raton, CRC Press. International	4 Jan 2021 978100305 5037 https://doi.o rg/10.1201/ 9781003055 037-13

For paper (2020-2021):

	o. pape. (2020 20				
SI. No.	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise & Whether the applicant is the main author Yes/ No	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: DoI: (ISSN or DoI)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
1.	Pradeep Singh and Vijay Kumar Bhat	Zero Divisor Graphs of Finite Commutative Rings: A Survey	Surv.Math.Appl.	Vol.15 (2020), 371- 397	SCOPUS
2.	Vijay Kumar Bhat, Pradeep Singh and Sunny Kumar Sharma	On Weak (σ, δ)- rigid rings over Noetherian rings	Acta Univ. Sapientiae Math	Vol.12(1) (2020), 5-13	SCOPUS/ESCI
3.	Pradeep Singh and Vijay Kumar Bhat	Adjacency Matrix and Wiener index of Zero Divisor Graph $\Gamma(Zn)$	J.Appl.Math. Comput.	(2020) DOI 10.1007/s12 190-020- 01460-2	SCOPUS/SCIE
4.	G. Kumar, Uday Pratap Singh and S. Jain	Hybrid Evolutionary Intelligent System and Hybrid Time Series Econometric Model for Stock Price Forecasting"	International Journal of Intelligent Systems, (Wiley) IF: 10.312 ISSN: 1098-111X	Vol. (not assigned) DOI: 10.1002/int.2 2495.	SCIE Indexed

5.	S.S. Chouhan, Uday Pratap Singh, U. Sharma and S. Jain	Leaf Disease Segmentation and Classification of Jatropha Curcas L. and Pongamia Pinnata L. Biofuel Plants using Computer Vision	Measurement Journal (Elsevier) IF:3.36 ISSN: 0263-2241 Nov., 2020	Vol: 171 Nov., 2020	SCIE Indexed
6.	S. Jasrotia, Uday Pratap Singh, K. Raj	based approaches" Applications of Statistical Convergence of order $(\eta, \delta + \gamma)$ in difference sequence spaces of fuzzy numbers"	Journal of Intelligent & Fuzzy Systems (IOS Press) IF:1.85 ISSN: 1875-8967 DOI: 10.3233/JIFS- 201539	Nov., 2020	SCIE Indexed
7.	S. Jasrotia, Uday Pratap Singh, K. Raj	"Some new observations on Catalan almost convergent sequence spaces and the Catalan core"	Acta Sci. Math. (Szeged)	295-305	SCOPUS Indexed
8.	Sehar Shakeel Raina, A. K. Das	Some New Variants of Relative Regularity via Regularly Closed Sets	Journal of Mathematics https://doi.org/10.11 55/2021/7726577	vol. 2021, Article ID 7726577, 6pages, 2021.	SCIE Indexed (Impact Factor: 0.971)
9.	R. Gupta, A.K. Das	Some Variants of Normal Cech Closure Spaces via Canonically Closed Sets	Mathematics https://doi.org/10.33 90/math9111225	2021, 9, 1225	SCIE Indexed (Impact Factor: 2.258)
10.	Swati Jasrotia. Uday P. Singh Kuldip Raj	Applications of statistical convergence of order $(\eta, \delta + \delta)$ in difference sequence spaces of fuzzy numbers	Journal of Intelligent and Fuzzy System (1064-1246)	40 (2021), 4695–4703	SCIE Indexed
11.	Swati Jasrotia. Uday P. Singh Kuldip Raj	Some new observations on Catlan almost convergent sequence spaces and Catalan core	Acta Sci. Math. (Szeged) (0001-6969)	85(2021), 295-305	Scopus, ESCI
12.	S.A. Mohiuddine, Kuldip Raj M. Mursaleen Abdullah Alotaibi	Linear isomorphic spaces of fractional-order difference operators	Alexandria Engineering Journal (1110-0168)	60(2021), 1155-1164	SCI
13.	KuldipRaj Suruchi Pandoh Kavita Saini	Toeplitz duals of Fibonacci sequence spaces	J. Comput. Anal. Appl. (1521-1398)	29(5) (2021), 954-969	Scopus
14.	Manisha Devi Ajay K. Sharma Kuldip Raj	Inequalities involving essential norm estimates of	Journal of Mathematics (2314-4629)	2021, Article ID 8811309, 9 pages,	SCI

		product type		Doi.org/10.1	
		operators		155/2021/88	
				11309	
15.	Kavita Saini	Generalized	J. Comput. Anal.	29(4) (2021),	Scopus
	Kuldip Raj	zweier I-	Appl.	658-667	
		convergent	(1521-1398		
		sequence spaces	`		
		of fuzzy numbers			
16.	Kuldip Raj	Applications of	Eur. J. Pure Appl.	13(5) (2020),	Scopus, ESCI
10.	S. A Mohiuddine	lacunary	Math.	1131-1148	Scopus, LSCI
	S. A Mornadanie	sequence to		1131-1140	
			(1307-5543)		
		develop fuzzy			
		sequence spaces			
		for ideal			
		convergence and			
		Orlicz function			
17.	Kilicman, Adem	Transformations	Adv. Difference Equ.	(2020)	SCI
	Kuldip Raj	of Norlund-Orlicz	(1687-1839)	2020:110	
		difference		doi.org/10.11	
		sequence spaces		86/s13662-	
		of non-absolute		020-02567-3.	
		type and their			
		Toeplitz duals			
18.	Kuldip Raj	Orlicz arithmetic	Songklanakarin J.	42 (2)	Scopus, ESCI
10.	Anu Choudhary	convergence	Sci. Technol.	(2020), 263-	Scopus, LSCI
	And Choddhary	defined by	Sci. recinior.	273.	
		matrix		2/3.	
		transformation			
		and lacunary			
10	A . Cl III .	sequence	To and a Citate III and I	(2021)	CCI
19.	Anu Choudhary	Applications of	Journal of Intelligent	(2021)	SCI
\	Kuldip Raj	Taube <mark>rian</mark>	and Fuzzy System	DOI:10.3233	
	M.Mursaleen	theor <mark>ems f</mark> or	(1064-1246)	/JIFS-202921	
		double sequences			
		of fuzzy numbers			
		via De La Vallée			
		Poussin mean			
20.	Kuldeep Kumar	A general class of	Communications in	Received 19	Science Citation
	Tiwari, Sandeep	estimators in	Statistics -	Mar 2020,	Index Expanded
	Bhougal& Sunil	stratified random	Simulation and	Accepted 30	Scopus
	Kumar	sampling	Computation	Nov 2020,	
		9	ISSN: 0361-	Published	
			0918 Online	online: 21	
			ISSN: 1532-4141	Dec 2020	
				500 2020	
			https://doi.org/10.10		
			80/03610918.2020.1		
			859537		
21.	Godlove	A multi-server	IEEE Access	8, (2020)	SCIE
	SuillaKuaban,	queuing model		169623-	
	Rakesh Kumar,	with balking and		169639	
	Bhavneet Singh	correlated			
	Soodan and Piotr	reneging with			
	Czekalski	application in			
	OLUKUISKI	health care			
		management			
22.	Bhaynoot Cinch		Communications in	(2020)	SCIE
22.	Bhavneet Singh	A single server	Communications in	(2020)	SCIE
	Soodan, and	queuing system	Statistics: Theory and	https://doi.or	
	Rakesh Kumar	with correlated	M <mark>eth</mark> ods	g/10.1080/03	
		reneging and		610926.2020	

		feedback of		.1861300	
		served customers		.1861300	
23.	Rakesh Kumar and Sapana Sharma	Transient analysis of a Markovian queuing model with multiple- heterogeneous servers' and customers' impatience	Opsearch	(2021), https://doi.or g/10.1007/s1 2597-020- 00495-0.	SCOPUS
24.	Rakesh Kumar, Bhavneet Singh Soodan and Sapana Sharma	Modelling health care queue management system facing patients' impatience using queuing theory	Reliability: Theory and Applications	(2021), Vol. 16, No. 1, 161-165.	SCOPUS
25.	Abdul Haseeb Ganie Surender Singh	A picture fuzzy similarity measure based on direct operations and novel multiattribute decisionmaking method	Name of the Journal: Neural Computing and Applications Publisher & Location: Springer London Ltd, London, England (Online) ISSN: 0941-0643 DOI: 10.1007/s00521- 020-05682-0	To be assigned Year:2021	SCIE Indexed Impact factor: 4.664
26.	Abdul Haseeb Ganie Surender Singh	An innovative picture fuzzy distance measure and novel multi-attribute decision-making method	Name of the Journal: Complex & Intelligent Systems, Publisher & Location: Springer Heidelberg, Tiergartenstrasse 17, Heidelberg, Germany, D-69121 ISSN: 2198-6053 DOI: 10.1007/s40747- 2020-00235-3	Volume:7 Issue No.: 3 Year:2021 Page Nos.: 781-805	SCIE Impact factor: 3.791
27.	Surender Singh Abdul Haseeb Ganie	Applications of picture fuzzy similarity measures in pattern recognition, clustering, and MADM	Name of the Journal: Expert Systems With Applications Publisher & Location: Pergamon-Elsevier Science Ltd , The Boulevard, Langford Lane, Kidlington, Oxford, England, Ox5 1gb ISSN: 1873-6793 https://doi.org/10.10 16/j.eswa.2020.1142 64	Volume:168 Issue No.: April Year:2021 Page Nos.: 114264	SCIE Impact factor: 5.432

28.	Surender Singh Sonam Sharma Abdul Haseeb Ganie	On generalized Knowledge Measure and Generalized Accuracy Measure with Application To MADM and Pattern Recognition	Name of the Journal: Computational and Applied Mathematics Publisher & Location: Springer Heidelberg, Tiergartenstrasse 17, Heidelberg, Germany, D-69121 ISSN: 2238-3603 https://doi.org/10.10 07/s40314-020- 01243-2	Volume:39, Article 231 Year: 2020 Page Nos:1- 44	Impact factor: 1.36
29.	Surender Singh Abdul Haseeb Ganie	Some novel q@rung orthopair fuzzy correlation coefcients based on the statistical viewpoint with their applications	Name of the Journal: Journal of Ambient and Humanized Computing, Publisher & Location: Springer Heidelberg, Tiergartenstrasse 17, Heidelberg, Germany, D-69121 ISSN: 1868-5145 https://doi.org/10.10 07/s12652-021- 02983-7	To be assigned Year: 2021	Impact factor: 4.594
30.	Surender Singh Sonam Sharma	On a generalized entropy and dissimilarity measure in intuitionistic fuzzy environment with applications	Name of the Journal: Soft Computing Publisher & Location: Springer , One New York Plaza, Suite 4600 , New York, United States, Ny, 10004, ISSN:1433-7479 https://doi.org/10.10 07/s00500-021- 05709-1	Volume:25 Issue No.:11 Year:2021 Page Nos.: 7493-7514	SCIE Impact factor: 3.08
31.	Surender Singh Abdul Haseeb Ganie Sumita Lalotra	On generalized correlation coefficients of Picture fuzzy sets with their applications	Name of the Journal: International Journal of Fuzzy System Applications Publisher & Location: IGI Global,USA ISSN: 2156-177X DOI:10.4018/IJFSA.2 021040104	Volume:10 Issue No.:2 Year:2021 Page Nos.: 59-81	SCOPUS
32.	Surender Singh Abdul Haseeb Ganie	Generalized hesitant fuzzy knowledge measure with its application to multi-criteria decision-making.	Name of the Journal: Granular Computing Publisher & Location: Springer Nature, Campus, 4 Crinan St, London, England, N1 9xw ISSN: 2364-4974 https://doi.org/10.10 07/s41066-021-	To be assigned Year:2021	SCOPUS

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33.	K. Mahalingam, P. Pandoh, A. Maity	Theta palindromes in theta conjugates,	Lecture Notes in Computer Science	12494, Springer, pp. 145-156, (2020)	SCOPUS
34.	K. Mahalingam, P. Pandoh	Enumeration of Two Dimensional Palindromes,	Informa- tion and Computation	Accepted, (2020).	SCI/SCOPUS

9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended or Presented (2020-2021)

Example:

SI. No.	Title of the Seminar/Conference /Workshop and Dates & Year	Title of the Talk /attended(if presenter) Or For Shor-term course & Workshop (NA)	Organizing agency	Who presented as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker Or Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1.	AAA 100- Arbeitstagung Allgemeine Algebra Workshops on General Alegbra, Krakow	Diameter and girth of tensor product of zero-divisor graphs. AAA 100 - Arbeitstagung Allgemeine Algebra Workshops on General Algebra, Krakow, Poland, February 5- 7, 2021 (virtual mode)	University of Krakow, Poland	Dr. Vijay Kumar Bhat	International
2.	International Conference on Emerging Smart Computing and Informatics (ESCI), 5- 7 March 2021.	Neuro-Fuzzy and particle swarm optimization-based hybrid approach for stock price forecasting	All India Shri Shivaji Memorial Society's Institute of Information Technology Pune, India,	Gourav Kumar	International
3.	Advanced Research Methodology Tools and Techniques	Advanced Research Methodology Tools and Techniques	Teaching Learning Centre, Ramanujan College, University of Delhi, MoE, PMMMNMTT	Uday Pratap Singh	National
4.	Train the trainers on examination reforms	Train the trainers on examination reforms	04 Days Online workshop by NPIU, TEQIP-3	Uday Pratap Singh	National
5.	Quantitative Methods for Data Analysis	Quantitative Methods for Data Analysis	Teaching Learning Centre, Ramanujan College,	Uday Pratap Singh	National

			University of Delhi, MoE, PMMMNMTT		
6.	Managing Online Classes and Co- creating MOOC's 3.0		Teaching Learning Centre, Ramanujan College, University of Delhi, MoE, PMMMNMTT	Uday Pratap Singh	National
7.	86th Annual Conference of Indian Mathematical Society, 17-20 Dec 2020		VIT Vellore and Indian Mathematical Society	Chaired a Session	International
8.	Virtual International Conference On Physical Sciences (ICPS – 2021), 5-6 Feb 2021	Some Decompositions of Compactness and Normality	Sardar Vallabhbhai National Institute of Technology (SVNIT)	Invited Talk	International
9.	International Conference on Mathematical Sciences and Computational Intelligence, 21-22 Dec 2020.		SMVDU in association with Advance Research Educational Society	Chaired a Session	International
10.	International Conference on Mathematical Sciencesand Computational Intelligence (21-22 Dec,2020)	Chaired a Session	School of Mathematics SMVDU in association with advance research Educational Society	Various Profs.	International
11.	International Conference on Mathematical Sciences and Computational Intelligence (21-22 Dec,2020)	Catalan Sequence Spaces and their Properties	School of Mathematics SMVDU in association with advance research Educational Society	Invited Talk	International
12.	International Conference on Advancement in Mathematical Sciences and its Applications (16-17January, 2021)	Applications Of Fractional Difference Operator To Develop Euler Difference Sequence Spaces And Their Toeplitz Duals	Ram Krishna College Madhubani, Bihar India in collaboration with the Advance Research Educational Society	Plenary talk	International
13.	NPTEL FDP (Jan-March 2021)	Multivariable Calculus	IIT Roorkee	Elite Certification	Ministry of HRD, Govt of India.
14.	Workshop on Functional Analysis and Numerical Analysis (WFANA – 2021) (05-09 April, 2021)	Workshop	Department of Mathematics, National Institute of Technology Tiruchirappalli	Attended	National

15.	International Conference (Online) On Recent Trends In Science, Humanities & Engineering	On Some Developments and Applications concerning Fuzzy Theory and its Extensions	Institute Of Teacher Education, Modinagar ,Uttar Pradesh	Invited Lecture	International (within the country)
16.	One Week FDP (Online) On Recent Advances In Mathematical Sciences & Applications In Engineering	FDP	Government College Simalwara, Dungarpur, Rajasthan	Resource Person	National
17.	Two Week Online Refresher Course In Mathematics	Referesher Course	UGC-HRDC, BPS Mahila Vishwavidyala ya, Khanpur Kalan, Sonipat, Haryana	Resource Person	National
18.	Two Week Refresher Course in online Course Development and Use of ICT in Teaching & Research (ID)	Referesher Course	UGC-HRDC, BPS Mahila Vishwavidyala ya, Khanpur Kalan, Sonipat, Haryana	Resource Person	National
19.	Emerging Trends in Engineering, Science, Management & Commerce	On Some Concepts in Fuzzy Theory with Applications	Department of Electronics & amp; Communication Engineering, Madhyanchal Professional University, Bhopal (M. P.).	Invited Lecture	International (within the country)
20.	2021 AIMT Conference (Virtual) On Interdisciplinary Research In Applied Mathematics, Management And Technology	On a metric-based Knowledge measure of Hesitant Fuzzy Linguistic Term Set	American Institute of Management and Technology, USA (In Association with Global Knowledge Foundation, USA)	Paper Presenter	International (Abroad)

9.5 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

SI. No	Title of the	Organiser's	Role	Organizing	National/
	Seminar/Conference	Name		agency	International
	/Workshop/Etc. and				(abroad)/
	Dates & Year				International
					(within the
					country)/
					State/University

1. International Conference on Mathematical Sciences and Computational Intelligence-2021	Dr. Uday Pratap Singh	Convener	Shri Mata Vaishno Devi University, Katra & ARES	International
2. Virtual International Conference on Mathematical Sciences and Computational Intelligence, 21-22 December 2020	Dr.Surender Singh	Co-Convener	School of Mathematics, Shri Mata Vaishno Devi University (in Association with Advanced Research Educational Society)	International (within the country)

9.6 Ph.D. Guided 2020-2021

SI. No.	Name of Student	Name of the Supervisor/s Mention Main Supervisor: Co-supervisor	Awarded (Title of the thesis/dissertation)	Submitted (Title of the thesis/dissertation)
1.	Pradeep Singh	Prof. V.K. Bhat	On Zero-Divisor Graph of Rings and its Topological Indices	Submitted
2.	Sunny Kumar Sharma	Prof. V.K. Bhat	The graphs associated with the conjugacy cases of some gropups	Running
3.	Karnika Sharma	Prof. V.K. Bhat	On some properties of Graph releated to the orbits of some finite groups	Running
4.	Sahil Sharma	Prof. V.K. Bhat	A study on vertex and edge metric dimesion of graphs	Running
5.	Sohan Lal	Prof. V.K. Bhat		Running
6.	Gourav Kumar	Dr. Sanjeev Jain & Dr. Uday Pratap Singh	Hybrid Evolutionary Neural Network Approach for Stock Market Prediction	Running
7.	Swati Jasrotia	Dr. Kuldip Raj & Dr. Uday Pratap Singh	Generalized Sequence spaces and their matrix transformations	Running
8.	Arun Bali	Dr. Uday Pratap Singh	Design of adaptive control for uncertain nonlinear discrete time-systems with unknown disturbances	Running

9.	Rahul Kumar	Dr. Uday Pratap Singh	Design of some adaptive controller for nonlinear systems using computational intelligence techniques	Running
10.	Ms. Ria Gupta	Dr. A.K. Das	As study of some Generalized separation Axioms in Closure Spaces	Submitted
11.	Ms. Sehar Shakeel Raina	Dr. A. K. Das	A Study on Some Relative Topological Properties	Submitted
12.	Ms. Manisha Devi	Dr. Kuldip Raj & Dr. Ajay Kumar Sharma	Generalized function spaces and their operators	Running
13.	Kavita Saini	Dr. Kuldip Raj	A study of some difference sequence spaces and their duals	Running
14.	Swati Jasrotia	Dr. Kuldip Raj & Dr. Uday Pratap Singh	Generalized sequence spaces and their matrix transformations	Running
15.	Sonali Sharma	Dr. Kuldip Raj	A study of difference sequence spaces and their characterstics	Running
16.	Kuldeep Kumar Tiwari	Dr. Sandeep Bhougal	A study on the Estimation of Population Parameters in Sample Survey	Running
17.	Bhavneet Singh Soodan	Dr.Rakesh Kumar	A study on queues with correlated reneging	Submitted
18.	Ms. Sumita Lalotra			
19.	Ms.Sonam Sharma	Dr.Surender Singh	Some Information Measures and Correlation Measures Based on Fuzzy and Intuitionistic Fuzzy Sets	Awarded
20.	Mr.Abdul Haseeb Ganie	Dr.Surender Singh	Fuzzy and Non- Standard Fuzzy Information Measures and Correlation Measures with their Applications	Submitted



SCHOOL OF PHYSICS

1. Name of the School: Physics

2. Faculty Profiles:

S. No.	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. Ashok K. Sharma	Professor	M.Sc., Ph.D.	Space Physics, Radio Astronomy, Thin Films, Seismology
2.	Dr. Yugal Khajuria	Associate Professor	M.Sc., Ph.D.	Atomic & Molecular Physics
3.	Dr. S. K. Wanchoo	Associate Professor	M.Sc. (First Rank) Ph.D.	Electronics, Geophysics, Material Science
4.	Dr. Jitendra Sharma	Assistant Professor	M.Sc., Ph.D.	Polymer Nanotechnology
5.	Dr. Kamni	Assistant Professor	M.Sc., Ph.D.	Condensed Matter Physics
6.	Dr. Vivek K. Singh	Assistant Professor	M.Sc., D.Phil.	Laser and Spectroscopy
7.	Dr. Pankaj Biswas	Assistant Professor	M.Sc., Ph.D.	Electronics, Materials Science
8.	Dr. Ram Prakash	Assistant Professor	M.Sc., Ph.D.	Condensed Matter Physics, Materials Science

3. Details of M.Sc. Students (2020-2021):

Batch	Admitted Students				
2020 Entry	Male	Female	Total		
M.Sc. (2020-21)	14	31	45		

4. Details of Integrated B.Sc. (Hons.)-M.Sc. (Physics) Students (2020-2021):

Batch	Admitted Students			
2020 Entry	Male	Female	Total	
B.Sc. (Hons.) (2020-21)	18	13	31	

5. Details of Research Scholars:

Year 2020-21	Ph.D.			
	Male	Female	Total	
Admitted 2020-21	00	02	02	
Awarded 2020-21	01	02	03	
Total Presently under Supervision	02	07	09	

6. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2020-2021):

S. No.	Title of the seminar/confer ence and dates & year	Title of the Talk	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ International (abroad)/ International (within the country)/ State/University
1.	National Science Day	Earth, Earthquakes and Society	School of Physics	Dr. S. K. Wanchoo	University
2.	Sixth Conference of Bangladesh Crystallographic Association, Bangladesh 15-16 th Jan., 2021.	Investigation on structural, optical and PL activity of a transition metal ion doped vanadate	Bangladesh Crystallogra phic Association	Attended and presented paper (Dr. Kamni)	International
3.	Effect of Mn ²⁺ ion doping on the structural, optical and luminescent properties of an orthovanadate nanophosphor 11-13 th March, 2021	ion doping on the structural, optical and luminescent properties of an orthovanadate nanophosphor	NIT Trichy	Attended and Presented paper (Dr. Kamni)	International
4.	International Conference on Modern Functional materials (ICMFM 2021), 24-25 th June 2021.	Synthesis, structural and luminescent properties of Nd ³⁺ doped nano material containing an orthovanadate group	Sri Sai Ram engineering College, Chennai	Attended and got Merit Certificate for the presentation (Dr. Kamni)	International
5.	Virtual International conference on Emerging Trends in Chemical Sciences (ERTCS) 24-26 July, 2020.	Synthesis, structural and spectral studies of Dy ³⁺ doped nanophosphors	Govt. PG College Rajouri, Jammu.	Attended and Delivered an Invited talk (Dr. Kamni)	International
6.	Invited Guest Lecture GDC VijaypurUnder the aegis of Higher Education 13 Sept., 2020	Gender Mainstreaming and Sensitization at work places	GDC Vijaypur Under the aegis of Higher Education Department, J & K	Invited Guest Lecture (Dr. Kamni)	State Level

7. Degree Awardees Nos. (2020-2021):

Ph.D.:____03___

Information of Ph.D. Degree Awardees (2020-2021):

S. No.	Name of the	Name of Supervisors & Co-	Entry No.
	Candidate	supervisors	
1.	Swati Sharma	Dr. S. K. Wanchoo (Supervisor) Prof. Supriyo Mitra (Co- Supervisor)	12PHDSOP01
2.	Mr. Vikram Dev Singh	Dr. Kamni and Prof. Rajnikant	14DPH004

8. Information About Each Faculty

8.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2020-2021)

S.No.	Title of the project	Whether major or minor project	Funding agency	Funding received/ Total grants	Role performed: Investigator / Co- investigator / Project director	Date of commen cement and date of complet ion	Whether outcome/ outputs sent to sponsoring Govt. Agency
1.	Estimation of Deformation Rate in Jammu and Kashmir and Himachal Himalaya using NavIC Geodesy.	Major	ISRO	Rs. 36,80,000/-	PI	2017- 2020	Yes
2.	Increasing resilience to Earthquakes in North India.	Major	Royal Society International Collaboration Award, Royal Society London	~1.5 Crores	Indian Collaborator	2018- 2021	Ongoing
3.	Heavy, Toxic, and Trace Elemental Detection in Biological Samples Gallstones and Kidney Stones using	Minor	UGC-DAE- CSR Kolkata center, India	45,000/- Per year	Investigator	2019- 2022	Ongoing

	EDXRF and PIXE Spectroscopic Techniques						
4.	Probing electronic structures of phosphates (RP-130)	Minor	UGC DAE CSR, Indore	Rs. 2,13,000/- +HRA (first year grant)	Dr. Ram Prakash (PI)	1 st April 2021	Ongoing

8.2 Research Publications

For paper (2020-2021):

SI. No.	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise & Whether the applicant is the main author Yes/ No	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: DoI: (ISSN or DoI)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
1.	Preasha Rajput, PargamVashishtha, Govind Gupta, Pragati Singh, Kamni	Synthesis, characterization and photoluminescence of Dy ³⁺ -doped MgZnO nanophosphors	Applied Physics A	126:593, 2020	SCI IF: 1.870
2.	V. D. Singh, A. Uppal, Kamni, Y. Khajuria, R. Srinivasan, B. Narayana, B. K. Sarojini, Sumati Anthal, and Rajni Kant	Synthesis, FT-IR, UV-VIS, DFT studies and SCXRD structure of 1-(tert-butyl) 3-ethyl-3-(hydroxy(thiophen-2-yl)methyl)piperidin e-1,3-dicarboxylate	Indian Journal of Chemistry-B	59B: 1043- 1056, 2020	SCI IF: 0.420
3.	Parul Sharma, Pragati Singh and Kamni	Spectroscopic and Microscopic Properties of KsrVO4: Mn ²⁺ Synthesized by Low-Cost Combustion Method	Physica B: Physics of Condensed Matter	602: 412500, 2021	SCI IF: 1.902
4.	N. Sharma, V.K. Singh, Y. Lee, S. Kumar, P.K. Rai, A.K. Pathak, and V.K. Singh	Analysis of Mineral Elements in Medicinal Plant Samples Using LIBS and ICP-OES	Atomic Spectroscopy	41(6):234-241, 2020	SCIE IF: 1.292

5.	O.N. Verma, S. Singh, V.K. Singh, M. Najim, R. Pandey, and Prabhakar Singh	Influence of Ba Doping on the Electrical Behaviour of La0.9Sr0.1Al0.9Mg 0.103_δ System for a Solid Electrolyte	Journal of Electronic Materials	50:1010-1021, 2021	SCIE IF: 1.774
6.	S. Kumar, Van Ngo, Jeong Park, Kyung-Sik Ham, Vivek K. Singh, Sang-Ho Nam, and Yonghoon Lee	Improving Analytical Performance of Laser-Induced Breakdown Spectroscopy for Strontium, the Minor Impurity Element, in Salts Using Multiple Filter-Paper Sampling	Bulletin of the Korean Chemical Society	42:779-785, 2021	SCIE IF: 0.611
7.	S. Khursheed, V.K. Singh, V. Kumar, H.C. Swart, and J. Sharma	Study of Luminescence from Terbium Doped Strontium Borate Nanophosphors in PMMA	Applied Physics A: Materials Science and Processing	127:218, 2021	SCIE IF: 1.810
8.	V.K. Singh, N. Sharma, O. N. Verma, V.K. Singh, D.K. Tripathi, Y. Lee, S. Kumar, P.K. Rai, and M.A. Gondal	Review: Application of LIBS to Elemental Analysis and Mapping of Plant Samples	Atomic Spectroscopy	42(2):99-113, 2021	SCIE IF: 1.292
9.	R. Mahajan, Ram Prakash, R. J. Choudhary, D. M. Phase	Structural, electronic and optical characterization of Eu ³⁺ /Dy ³⁺ single and co-doped Mg ₂ P ₂ O ₇ phosphors,	Physica Scripta IOP publishing, UK	96: 7, 075808, 2021	SCI IF: 1.985
10.	R. Mahajan, Ram Prakash, S. Kumar, R. J. Choudhary, D. M. Phase	Surface and luminescent properties of Mg3(PO4)2: Dy3+ phosphors	Optik	225, 165717, 2021	SCI, Impact Factor = 2.443
11.	P. Khajuria, R. Mahajan, S. Kumar, Ram Prakash, R. J. Choudhary, D. M. Phase	Surface and spectral investigation of Sm3+ doped MgO-ZrO2 phosphor	Optik	216, 164909, 2020	SCI IF: 2.443
12.	Ram Prakash, R. Mahajan	Structural and luminescent properties of Europium activated magnesium orthophosphate phosphor	AIP Conference Proceedings AIP Publishing	2265, 030066, 2020	Scopus

8.3 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended or Presented (2020-2021)

Example:

S. No.	Title of the Seminar/Conference /Workshop and Dates & Year	Title of the Talk (if presenter) Or For Shor-term course & Workshop (NA)	Organizing agency	Who presented as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker Or Simply Attended	National/ International (abroad)/ International (within the country)/ State/Univers ity
1.	Satellite based navigation system	Attended	IIT Indore	Dr. S. K. Wanchoo (Attended)	National
2.	2 nd Virtual IRIS Mentoring camp for partner fairs	Mentor	Broadcom- DST-IUSSTF (Extemplar)	Dr. S. K. Wanchoo(Invited as mentor)	National
3.	DST's initiative - Augmenting Writing Skills for Articulating Research (AWSAR) from PhD Scholars and Post-Doctoral Fellows	Expert	DST, Government of India	Dr. S. K. Wanchoo (Invited Expert)	National
4.	4 days online workshop on 'train the trainers on examination reforms'	Attended	BVB College of Engg. & Tech. , Karnataka under TEQIP-3	Dr. S. K. Wanchoo (Attended by nomination)	National
5.	3 rd Virtual IRIS Mentoring camp for partner fairs	Mentor	Broadcom- DST-IUSSTF (Extemplar)	Dr. S. K. Wanchoo (Invited as a Mentor)	National
6.	The IRIS Project Evaluation Meet 2020- 21	Exp <mark>ert/ Judge</mark>	Broadcom- DST-IUSSTF (Extemplar)	Dr. S. K. Wanchoo (Invited Expert/ Judge)	National
7.	Inaugural day events of 3-month programme entitled, 'Innovation, Incubation & Training' Shaping the Young Minds	Attended	Higher Education Department, J&K Government, GIAN India & GWC, Parade	Dr. S. K. Wanchoo (Attended by invitation)	National
8.	Initiative for Research & Innovation in STEM (IRIS) National Fair- 2021	Judge	Broadcom- DST-IUSSTF (Extemplar)	Dr. S. K. Wanchoo (Judge by invitation)	National
9.	First Mentoring Camp- under aegis of IRIS/ ISEF-2021	Mentor	DST- Broadcom- IUSSTF held online	Dr. S. K. Wanchoo (Invited as mentor)	National
10.	2 nd Mentoring Campunder aegis of IRIS/ ISEF-2021	Mentor	DST- Broadcom- IUSSTF held online	Dr. S. K. Wanchoo (Invited as mentor)	National
11.	3 rd Mentoring Camp- under aegis of IRIS/ ISEF-2021	Mentor	DST- Broadcom- IUSSTF held online	Dr. S. K. Wanchoo (Invited as mentor)	National

12.	International Science and Engineering Fair – 2021 (ISEF-2021)	Grand Award Judge	Virtual Regeneron ISEF 2021 organized by Society for Science, USA.	Dr. S. K. Wanchoo (Grand Award Judge)	International
13.	One week National Workshop on LEHERI (2020)	How to create tomorrows innovators	Higher Education Department, J&K Government	Dr. S. K. Wanchoo (Invited speaker)	National
14.	Golden Year Alumni Network lecture series	'UDP, the turning point'	Autonomous University 3Department of Physics, University of Mumbai	Dr. S. K. Wanchoo (Invited speaker)	National
15.	One day workshop cum awareness camp on 'Innovation, Incubation & Traning' (IIT-2021)	How to create tomorrows innovators	Government Degree College, Unhamper	Dr. S. K. Wanchoo (Invited speaker)	College (Regional)
16.	2-week's interdisciplinary Refresher Course on disaster management for College and University teachers	Disaster(s) and management	Disaster Management Centre, University of Jammu	Dr. S. K. Wanchoo (Invited speaker)	College (Regional)
17.	National Science Day - 2021	Celebrating Science; Outreach	Hansraj College, University of Delhi	Dr. S. K. Wanchoo (Invited speaker)	National
18.	National Science Day - 2021	Science outreach and Internship; our role in J&K & Ladakh	Ladakh Science Foundation	Dr. S. K. Wanchoo (Invited speaker)	National
19.	Outreach event	Career options	Science Teachers Association, J&K	Dr. S. K. Wanchoo (Invited speaker)	State
20.	TEQUIP-III sponsored two week International Winter School on Fluid dynamics, heat Transfer and Applications 18-29 January, 2021	Winter School	NIT Uttrakhand	Dr. Kamni Attended	International
21.	Indo-Australia Workshop on Nano and Biomaterials: Synthesis and Applications 21-25 th June, 2021	Workshop	NIT Tiruchirappalli	Dr. Kamni Attended	International
22.	National e-workshop on "Instrumentation Techniques in Chemical Sciences" Date: June 25-29,2021	National e- workshop	Department of Chemistry, VBS Purvanchal University, Jaunpur	Dr. Vivek K. Singh Attended	National

23.	26 th International Conference of International Academy of Physical Sciences on "Advances in Mechanics" Date: December 18-20,2020.	International Conference	Manipal University, Jaipur	Dr. Vivek K. Singh Attended	International
24.	Two days online workshop on "Material Characterization Techniques" Date: July 20-22, 2020	Workshop	Chitkara University Research and Innovation Network(CURIN), Chitkara University, Punjab.	Dr. Vivek K. Singh Attended	National
25.	International Webinar on "Global Climate Change: Evidences, Causes, Effects and Solutions" July 5-7, 2020	International Webinar	Ewing Christian College (University of Allahabad) Prayagraj	Dr. Vivek K. Singh Attended	International
26.	Online workshop on Material Characterization techniques July 20-22, 2020	NA	Chitkara University Panjab,	Dr. Vivek K. Singh Attended	National
27.	Indus synchrotron User meeting (Web Meeting) July 28-29, 2020	NA	CSR, Indore	Dr. Ram Prakash Attended	National
28.	'Basic series of Web of science training and certification program 2020 September 7, 2020	NA	Web of science	Dr. Ram Prakash Attended	National
29.	Online workshop on Rietveld Refinement Method September 22-24, 2020	NA	UGC DAE CSR, Mumbai Centre	Dr. Ram Prakash Attended	National
30.	'Advanced series' of Web of science training and certification program 2020 October 1, 2020	NA	Web of science	Dr. Ram Prakash Attended	National
31.	4 days online workshop on Train the trainers on examination Reforms December 4-7, 2020	NA C S	BVB College of engineering and technology, Hubballi & NPIU	Dr. Ram Prakash Attended	National
32.	International Conference on Mathematical Sciences and Computational Intelligence December21st-22 2020	NA	SMVDU, Karta	Dr. Ram Prakash Chaired a Session	International

33.	Webinar on "Characterization Techniques for Smart Materials January 15-16, 2021	NA	Department of Physics, CCS Haryana Agricultural University, Hisar, Haryana	Dr. Ram Prakash Attended	National
34.	Online FDP on Sustainable technologies for low- cost drinking water production. January 18-22, 2021	NA	APJ Kalam Technical University, Lucknow (UP)	Dr. Ram Prakash Attended	National
35.	AICTE ISTE sponsored Induction/Refresher program on "Sustainable Product Design and Manufacturing" March 18-24, 2021	NA	SMVDU, Katra	Dr. Ram Prakash Attended	National

8.4 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

S. No	Title of the Seminar/Conference /Workshop/Etc. and Dates & Year	Organiser's Name	Role	Organizing agency	National/ International (abroad)/ International (within the country)/ State/University
1.	Earthquake Resilient Reasi	Jointly with District Administration, Reasi hosted by DC, Reasi (online)	Coordinator (Dr. S.K. Wanchoo)	Conducted as a part of by Royal Society London funded project RP-108	Participants were from India and Nepal

8.5 Ph.D. Guided 2020-2021

S. No.	Name of Student	Name of the Supervisor/s Mention Main Supervisor: Co-supervisor	Awarded (Title of the thesis/dissertation)	Submitted (Title of the thesis/dissertation)
1.	Swati Sharma	Dr. S. K. Wanchoo (Supervisor) Prof. Supriyo Mitra (Co-Supervisor)	Crust and Upper Mantle studies on J&K Himalaya	Crust and Upper Mantle studies on J&K Himalaya
2.	Mr. Vikram Dev Singh	Main Supervisor Dr. Kamni Co-supervisor Prof. Rajnikant	X-ray Crystallographic Characterization, Activity and Molecular Interactions of Some Organic Compounds	X-ray Crystallographic Characterization, Activity and Molecular Interactions of Some Organic Compounds
3.	Ms. Neha Sharma DST Inspire Fellow- SRF	Supervisor Dr. Vivek K. Singh Co-Supervisor Dr. Yugal Khajuria	N.A.	Spectroscopic Investigations on Some Healthy and Diseased Plant Samples
4.	Rubby Mahajan	Supervisor: Dr. Ram Prakash Co-supervisor: Dr. Vinay Kumar	N.A.	Synthesis and spectral studies of rare earth doped alkali/alkaline metal phosphates

Additional Information:

1. Dr. S. K. Wanchoo has been appointed as member of BoS of ASH department at Autonomous Model Institute of Engineering and Technology, Jammu.



FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LANGUAGES AND LITERATURE

1. Name of the School: School of Languages and Literature

2. Faculty Profile:

S. No	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. Isha Malhotra	Assistant Professor & Head	Ph. D.	Gender Studies, Body Politics, Cultural Studies
2.	Dr. Amitabh Vikram Dwivedi	Assistant Professor	PhD	Languages & Literature
3.	Dr. Anurag Kumar	Assistant Professor	PhD	African American Literature, Indian Public Sphere
4.	Dr. Ravi Parihar	Assistant Professor	PhD	Language Documentation (Revitalization)
5.	Ms. Sakshi Singh	Assistant Professor	PhD (Submitted)	Indian Public Sphere, Gender Studies

3. Programmes Offered & Enrollment (2020-2021):

B.A.	M.A.		PhD	
37	19		1	

4. Details of B.A. Honours Students (2020-2021):

Batch	Admitted Students			
2020 Entry	Male	Female	Total	
B.A	07	30	37	

5. Details of M.A. Students (2020-2021):

Batch	Admitted Students				
2020 Entry	Male	Female	Total		
M.A	1	18	19		

6. Details of Research Scholars:

Year 2020-21	Ph.D.		
	Male	Female	Total
Admitted 2020-21	0	1	1
Awarded 2020-21	0	2	2
Total Presently under Supervision	0	10	10

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2020-2021):

Example:

SI. No.	Title of the seminar/conference and dates & year	Title of the Talk	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ International (abroad)/ International (within the country)/ State/University
1.	International Women Day 08 March, 2021	Gender Equity: Theory and Praxis".	SMVDU	Dr. Ritu Bakshi, Assocaite Prof. Central University of Jammu.	University

8. Degree Awardees Nos. (2020-2021):

Ph.D.: 02

Information of Ph.D. Degree Awardees (2020-2021):

SI. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.
1.	Bhushan Sharma	Dr. Anurag Kumar	15DLN002
2.	Ms. Priyanka Gupta	Dr. Amitabh Vikram Dwi <mark>v</mark> edi	11PHDSOL03
		Dr. Anurag Kumar	

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2020-2021)

SI.No.	Title of the project	Whether major or minor project	Funding agency	Funding received/ Total grants	Role performed: Investigator / Co- investigator / Project director	Date of commencement and date of completion	Whether outcome/ outputs sent to sponsoring Govt. Agency
1.	A Comprehensive Study of Culture,	Major	ICSSR	23 lac; spent 14 lac	Co-Director	2021	Yes
	Philosophy, Literature and Language of Jammu & Kashmir (Dr. Amitabh Vikram Dwivedi)		57		5 R		

9.2 Patents (2020-2021):

SI. No.	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National
1.	Academic Writing	Academia; 2021	International
	(Dr. Amitabh Vikram Dwivedi)		

9.3 Research Publications (with full details in below format) for 2020-2021:

Example:

For book:

SI. No.	Title of the book	Authored/ Co- authored (Mention all authors)	Name of the publisher Indicate National or International	ISBN No. Year of publication
1.	NA	NA	NA	NA

For chapters in a book (2020-2021):

4	SI.	Title of the chapter	Title of the book	Editors	Name of the	ISBN No.
	No.	Author of the Chapter		(Mention all	publisher	and year of
				Editors)	Indicate	publication
					National or	
					International	
F	1.	Speech Act Theory,	The Palgrave	Scott	Springer,	https://doi.or
		(Dr. Amitabh Vikram	Encyclopedia of	Romaniuk,	International	q/10.1007/97
		Dwivedi)	Global Security	Péter Marton	111011101101101	8-3-319-
		DWIVEGI)	Studies	T dear Traiter		74336-
			Studies			3 132-1
						<u>5 152-1</u>
H	2.	Bhog	Hinduism and Tribal	Jeffery D.	Chringor	https://doi.or
	۷.				Springer, International	
		(Dr. Amitabh Vikram	Religions	Long, Rita D.	International	g/10.1007/97
		Dwivedi)		Sherma,		8-94-024-
				Pankaj Jain,		1036-5 106-
				Madhu		<u>2</u>
L				Khanna		
	3.	Adultery	Hinduism and Tri	Jeffery D.	Springer,	https://doi.or
		(Dr. Amitabh Vikram	Hinduism and Tribal	Long, Rita D.	International	g/10.1007/97
		Dwivedi)	Religions Religion	Sherma,		<u>8-94-024-</u>
				Pankaj Jain,		<u>1036-5 146-</u>
				Madhu		<u>2</u>
L				Khanna		
	4.	Daiva	Hinduism and Tribal	Jeffery D.	Springer,	https://doi.or
		(Dr. Amitabh Vikram	Religions	Long, Rita D.	International	g/10.1007/97
		Dwivedi)		Sherma,		8-94-024-
				Pankaj Jain,		1036-5 175-
				Madhu		2
				Khanna		_
	5.	Ekadashi	Hinduism and Tribal	Jeffery D.	Springer,	https://doi.or
		(Dr. Amitabh Vikram	Religions	Long, Rita D.	International	g/10.1007/97
		Dwivedi)	3	Sherma,		8-94-024-
				Pankaj Jain,		1036-5 186-
				Madhu		2
				Khanna		<u>~</u>
L				Kilalila		

6.	Birth Control (Dr. Amitabh Vikram Dwivedi)	Hinduism and Tribal Religion	Jeffery D. Long, Rita D. Sherma,	Springer, International	https://doi.or g/10.1007/97 8-94-024-
			Pankaj Jain, Madhu Khanna		1036-5 362- 2
7.	Aum (Dr. Amitabh Vikram Dwivedi)	Hinduism and Tribal Religions	Jeffery D. Long, Rita D. Sherma, Pankaj Jain, Madhu Khanna	Springer, International	https://doi.or g/10.1007/97 8-94-024- 1036-5 444- 2
8.	Clothing (Dr. Amitabh Vikram Dwivedi)	Hinduism and Tribal Religions	Jeffery D. Long, Rita D. Sherma, Pankaj Jain, Madhu Khanna	Springer, International	https://doi.or g/10.1007/97 8-94-024- 1036-5 452- 2
9.	Dyuta (Dr. Amitabh Vikram Dwivedi)	Hinduism and Tribal Religions	Jeffery D. Long, Rita D. Sherma, Pankaj Jain, Madhu Khanna	Springer, International	https://doi.or g/10.1007/97 8-94-024- 1036-5 633- 2
10.	Architecture (Dr. Amitabh Vikram Dwivedi)	Hinduism and Tribal Religions	Jeffery D. Long, Rita D. Sherma, Pankaj Jain, Madhu Khanna	Springer, International	https://doi.or g/10.1007/97 8-94-024- 1036-5 450- 2
11.	Drsti (Dr. Amitabh Vikram Dwivedi)	Hinduism and Tribal Religions	Jeffery D. Long, Rita D. Sherma, Pankaj Jain, Madhu Khanna	Springer, International	https://doi.or g/10.1007/97 8-94-024- 1036-5 360- 2

For paper (2020-2021):

SI. No.	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise & Whether the applicant is the main author Yes/ No	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: DoI: (ISSN or DoI)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
1.	Eva Sharma and Dr. Isha Malhotra	Wombs for Hire:Biopolitics and Neoliberal Eugenics of Indian Commercial Surrogacy Industry in Amulya Maladi's A House for Happy Mothers	Mediawatch ISSN-0976-0911	Vol. no. 12, Issue-1 pp-67-78	Scopus

2.	Priya, Parul and Anurag Kumar	Social Acceptance and Section 377: A Case Study of Transgender People in Jammu City	https://doi.org/10.24	19 (1), 2020. 137-156	Scopus
3.	Sharma, Bhushan and Anurag Kumar	Learning from the Outsider Within: The Sociological Significance of Dalit Women's Life Narratives	International	21 (6), 2020. 25-37	Scopus
4.	Akanksha Sharma Amitabh Vikram Dwivedi	Language and Identity: A linguistic study of women-centric Hindi proverbs	Dialectologia ISSN: 2013-2247	Summer 2021 No. 26	SCI & SCOPUS
5.	Akanksha Badyal Amitabh Vikram Dwivedi	Transnationalism Borderlands and Neo-Feminism in Between, 2020,	Journal of Critical Reviews ISSN: 2394-5125	Vo. 7, Issue 8, pp. 822- 827, 2020	SCOPUS
6.	Komal Rakwal Amitabh Vikram Dwivedi	Swarnalatha Rangarajan, Eco criticism: Big Ideas and Practical Strategies	Obnovljeni Život ISSN: 0351-3947	Vol. 75. No. 1., 2020 pp. 131-133	SCOPUS

9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended or Presented (2020-2021)

Example:

SI. No.	Title of the Seminar/Confer ence/Workshop and Dates & Year	Title of the Talk (if presenter) Or For Shor-term course & Workshop (NA)	Organizing agency	Who presented as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker Or Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1.	One Week FDP on Pedagogical Development of Soft Skills In Engineering	Soft Skills and Gender Stereotyping	BIET College Lucknow	Invited Speaker Dr. Isha Malhotra	National
2.	Advance Digital Pedagogy and ICT Tools: Challenges and Opportunities in Online Teaching 18-22 November, 2020	N/A	IIT Roorkee	TEQIP-III Dr.Isha Malhotra	National
3.	Pedagogical Development of Soft Skills in Engineering 15-19 March, 2021	Interpersonal Communication and Soft Skills	BIET College, Lucknow	Invited Lecture Dr.Anurag Kumar	National

4.	One Day Seminar 30 March, 2021	Effective Communication Skills for Personal an Professional Growth	Govt. Degree College, Ramkote	Resource person Dr.Anurag Kumar	National
5.	Advance Digital Pedagogy and ICT Tools: Challenges and Opportunities in Online Teaching 18-22 November, 2020	N/A	IIT Roorkee	TEQIP-III Dr.Anurag Kumar	National
6.	International Conference on Education Leadership and Demonstration Teaching Festival	Research Methodology and Writing Research Paper	International Society of Teachers, Administrators and Researchers, Inc. Thailand	Keynote Speaker Dr. Amitabh Vikram Dwivedi	International
7.	1st Virtual Conference on Multidisciplinary Trends in Academic Research	How to make your research writing argumentative	Academic Development for Global Leadership	Keynote speaker Dr. Amitabh Vikram Dwivedi	International
8.	International Conference on Multidisciplinary and Current Educational Research	New Education Policy in India: Issues Concerning Multilingualism and Teaching Methods	International Society of Teachers, Administrators and Researchers, Inc. Thailand	Keynote Speaker Dr. Amitabh Vikram Dwivedi	International
9.	Three-day International Virtual Conference on Teaching, Learning and Education	Second Language Learning	Govt. College of Education, Jammu, India, State Islamic Institute (IAIN) Madura, Indonesia, Universitas Muhammadiyah Sidenreng Rappang, Indonesia, Universitas Al - Asyariah Mandar, Indonesia, Cape Comorin Trust, India, Lavender Literary Club, India in association with Cape Comorin Publisher, India	Keynote Speaker Dr. Amitabh Vikram Dwivedi	International

11.	International Educator's Summit on E-learning and Innovative Pedagogies Revisiting the	Humanities and Technology: A Study of Resistance to Computer- Mediated Teaching Descriptive	International Society of Teachers, Administrators and Researchers, Inc. Thailand Lyceum	Keynote Speaker Dr. Amitabh Vikram Dwivedi Invited Talk	International
	Breadth and Width of Philippine	Linguistic Fieldwork: Language Revitalization of Lesser - known languages	Northwest University, Thailand	Dr. Amitabh Vikram Dwivedi	
12.	Virtual Expo of School Based Reading	Principles and Approaches in Second Language Reading	Dept. of Education, Republic of Philippine	Resource Speaker Dr. Amitabh Vikram Dwivedi	International
13.	International Educator's Congress	Pedagogical stylistics: An Approach to Promote Language Learning	International Society of Teachers, Administrators and Researchers, Inc. Thailand	Keynote Speaker Dr. Amitabh Vikram Dwivedi	International
14.	International Conference on Research in Education	Understanding the Principles of Language	International Society of Teachers, Administrators and Researchers, Inc. Thailand	Keynote Speaker Dr. Amitabh Vikram Dwivedi	International
15.	International Conference on "Mythology: Past, Present and Future"	NA	MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES	Chaired Session Dr. Amitabh Vikram Dwivedi	International
16.	International Educators' Summit on Interdisciplinary Research	Posing the Right Questions: How to Fill the Research Gap	International Society of Teachers, Administrators and Researchers, Inc. Thailand	Keynote Speaker Dr. Amitabh Vikram Dwivedi	International
17.	Perspectives on Language & Literature	Language in Literature with SpecialReference to Stylistics	University of Science & Technology, Meghalaya	Guest Speaker Dr. Amitabh Vikram Dwivedi	International
18.	8 th ICT Research Congress: International Edition with the theme: Zooming to the Future Through Innovative Research and Development	NA	University of Makati, Philippine	Peer-reviewer Dr. Amitabh Vikram Dwivedi	International

19.	Three-day International Virtual Conference,	NA	Cape Comorin Trust, India, Lavender Literary Club, India in association with Cape Comorin Publisher, India	Chairperson Dr. Amitabh Vikram Dwivedi	International
20.	Asia Pacific Conference on Teaching English as Foreign Language with the theme, "Going Beyond Borders: Interfacing EFL Practitioners to Survive and Excel in the New Normal"	Tense and Narrativity: How to Shift Tense in Academic Writing	ISTAR Pakistan, Shaheed Benazir Butto University Sanghar Campus, and ISTAR Global Headquarters, Bangkok, Thailand	Keynote speaker Dr. Amitabh Vikram Dwivedi	International
21.	International Webinar on Global Challenge in Aviation and Education,	Article Writing and Publication	Research and Community Service (P3M) Aviation Polytechnic of Makassar and Muhammadiyah University of Sidenreng Rappang Indonesia,	Speaker Dr. Amitabh Vikram Dwivedi	International
22.	International Conference: Challenges, Obstacles and Education Strategy	How to Increase your Citations	Universtas Kristen Indonesia	Keynote speaker Dr. Amitabh Vikram Dwivedi	International
23.	Virtual International Seminar on Strategy of Publishing Scientific Works	How to write an abstract?	Association of Language and Literature Scholar	Keynote speaker Dr. Amitabh Vikram Dwivedi	International
24.	International TESOL Specialist's Conference	Teaching Online Semantics	International Society of Teachers, Administrators and Researchers, Inc. Thailand	Keynote speaker Dr. Amitabh Vikram Dwivedi	International
25.	International Conference in Applied Linguistics	Pragmatic Literary Stylistics	International Society of Teachers, Administrators and Researchers, Inc. Thailand	Keynote speaker Dr. Amitabh Vikram Dwivedi	International

26.	International Congress on Research Based Instructional Strategies	How to Analyze a literary text	International Society of Teachers, Administrators and Researchers, Inc. Thailand	Keynote speaker Dr. Amitabh Vikram Dwivedi	International
27.	International Faculty Development Programme on Research Writing and Publication	How to write a research paper	Lavender Literary Club, India, Cape Comorin Trust, India, Cape Comorin Publisher	Keynote speaker Dr. Amitabh Vikram Dwivedi	International
28.	International Research and Development Congress	Linguistic Assisted English Language Teaching	International Society of Teachers, Administrators and Researchers, Inc. Thailand	Keynote speaker Dr. Amitabh Vikram Dwivedi	International
29.	1st English Education International Conference on "The Progressive and Fun Education in COVID 19"	How to teach online?	English Education Department of Teacher Training and Education Faculty at Muhammadiyah University of Sidenreng Rappang,	Keynote speaker Dr. Amitabh Vikram Dwivedi	International
30.	Research Articles for Publication: A Bird's Eye View (26 Sept. 2020)		Indonesia Organizer: MNR College of Engineering & Technology (JNTU Hyderabad)- Telangana	Attended Dr. Ravi Parihar	National
31.	International Webinar on 'Language, Data, and Knowledge Extraction' (22-24 March 2021)		Organizer: Dept. of Computer Science and Dept. of Linguistics, Univ. of Kerala	Attended Dr. Ravi Parihar	International
32.	National Webinar on Research Methodology (21 May 2020)	वेज्ञ	Organized by: SDV Govt. Degree College, Nidadavole, Andhra Pradesh, & ELTAI		National
33.	International Webinar on Postcolonial Negotiations: History, Literature, and Culture (03 June 2020)		Organized by: Dept. of English (Sidho- Kanho-Birsa University: West Bengal)	Attended Dr. Ravi Parihar	International

9.5 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

SI. No.	Title of the Seminar/Conference /Workshop/Etc. and Dates & Year	Organiser's Name	Role	Organizing agency	National/ International (abroad)/ International (within the country)/ State/University
1.	International Women's Day	Dr. Isha Malhotra	Coordinator	SMVDU	National
2.	International Day of Innocent Children Victims of Aggression, Azadi ka Amrut Mahotsva	Dr. Isha Malhotra	Convener	SMVDU	National
3.	International Women's Day	Dr. Anurag Kumar	Convener	SMVDU	National
4.	Seminar on India's Freedom Struggle, Azadi ka Amrut Mahotsva	Dr. Amitabh Vikram Dwivedi	Coordinator	SMVDU	National
5.	Role of Teachers in New Education Policy	Dr. Amitabh Vikram Dwivedi	Track Leader	SMVDU	National
6.	One day Workshop on International Women's Day	Dr. Amitabh Vikram Dwivedi	Convener	SMVDU	State
7.	International Day of Innocent Children Victims of Aggression, Azadi ka Amrut Mahotsva	Ms. Sakshi Singh	Coordinator	SMVDU	National

9.6 Ph.D. Guided 2020-2021

SI. No.	Name of Student	Name of the Supervisor/s Mention Main Supervisor:	Awarded (Title of the thesis/dissertation)	Submitted (Title of the thesis/dissertation)
		Co-supervisor		
1.	Bhushan Sharma	Supervisor Dr. Anurag Kumar	Locating Dalit Feminist Standpoint: Select Dalit Women's Life Narratives as Testimonies	
2.	Sakshi Singh	Supervisor Dr. Anurag Kumar	1 NG	Mapping Sexual Violence aganst Women: Rethinking Indian Public Sphere through select Novels
3.	Ms. Priyanka Gupta	Supervisor Dr. Amitabh Vikram Dwivedi Co-Supervisor Dr. Anurag Kumar		

9.7 Students' Achievement (2020-2021)

SI. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
01.	Sakshi Singh	16DLN002	Appointed as Assistant Professor (contractual), 2021	SMVDU, Katra
02.	Akansha Sharma	17DLN001	Appointed as Assistant Professor (contractual), 2021	Cluster University, Jammu
03.	Madhav Dubey	16MEN012	Cleared GATE Exam 2021	Indian Institute Technology
04.	Anjali Manhas	17MEN001	Cleared GATE Exam 2021	Indian Institute Technology



SCHOOL OF PHILOSOPHY AND CULTURE

1. Name of the School: School of Philosophy & Culture

2. Faculty Profiles:

S. No	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Sumanta S. Sharma	I/C Head, Assistant Professor	M.A (Philosophy), UGC (JRF) NET, PhD (pursuing)	Diagrammatic Logic, Syllogistic Reasoning
2.	Dr. Anil K. Tewari	Assistant Professor	M.A (Philosophy), UGC NET, PhD (IIT Kanpur)	Indian Philosophy (Buddhism)
3.	Dr. Madhu Mangal Chaturvedi	Assistant Professor	M.A (Philosophy), UGC NET, PhD (IIT Kanpur)	Philosophy of Mind, Cognitive Science

3. Details of M.A. Students (2020-2021):

Batch	Admitted Students				
2020 Entry	Male	Female	Total		
	01	01	02		

4. Details of Research Scholars:

Year 2020-21	Ph.D.		
	Male	Female	Total
Admitted 2020-21	-	-	-
Awarded 2020-21	-	-	-
Total Presently under Supervision	04	02	06

5. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2020-2021):

SI. No	Title of the seminar/conference and dates & year	Title of the Talk	Organizing agency	lec pe sp	ho delivered a alk as Invited ture/Resource rson/Keynote beaker/Paper senter/Plenary speaker	National/ International (abroad)/ International (within the country)/ State/University
1.	ICPR Study Circle Meeting 17-05-2021	Nyaya system of Indian Philosophy's perspective towards epistemic and spiritual empowerment of the people	ICPR New Delhi & SMVDU Katra		Prof. Kisor K. Chakrabarti	Internatioal

2.	Indian	"गुरुदेव रवीन्द्र नाथ	SMVDU	Prof. Vishwanath	National
	Philosopher's Day	टैगोर, महर्षि	Katra	Mishra	
	17th May 2021	अरविन्द और			
		महात्मा गाँधी की			
		राष्ट्रं की अवधारणा"			
3	3rd World Logic	"Can there be	Jean-Yves		International
	Day, 14 January	an Inverted	Beziau from	Sumanta Sarathi	211comarionar
	2021	Square?"	Brazilian	Sharma	
		4	Academy of		
			Philosophy		
			and Alessio		
			Moretti from		
			eC <mark>a</mark> mpus		
			University,		
			<u>Italy</u>	1	
4	International	Indian	ICPR New	Prof. R.C. Sinha,	International
	Webinar on 27th	Epistemology:	Delhi &	Chairman, Indian	
	Dec. 2020	A	SMVDU	Council of	
		Contemporary	Katra	Philosophical	
		Perspective		Research, New Delhi	
				Prof. Kisor Kumar	
				Chakrabarti	
4				Prof. Jata Shankar	
				Tiwari,	
				Prof. (Major)	
				Piyush Kant Dixit	
				Miss. Mila Bubiak,	
				Prof. H.S. Prasad,	
				Prof. Ambika Datta	
				Sharma,	
				Prof. Saroj	
				Kaushal,	
5	World Philosophy	How	School of	Sumanta Sarathi	National
	Day 2020, 19 November 2020	justification	Philosophy	Sharma, Dr. Anil	
	November 2020	undergirds the conclusion? A	& Culture, Shri Mata	Kumar Tewari and Dr. Madhu Mangal	
		Lesson from	Vaishno	Chaturvedi	
		Aristotle	Devi	Chatarvear	
		ATTSCOCIC	University,		
			Katra		



6. Information About Each Faculty

6.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2020-2021)

SI.No.	Title of the project	Whether major or minor project	Funding agency	Funding received/ Total grants	Role performed: Investigator / Co- investigator / Project director	Date of commen cement and date of complet ion	Whether outcome/ outputs sent to sponsoring Govt. Agency
1.	"Udayana's Reconstruction	Associateship	Indian Institute of	All expenses on travel and	Dr. Anil Kumar Tewari	Started From	Yes
	of the		Advanced	3 months		2019	
	Non-Nyāya		Study,	stay of Dr.			
	Perspectives"		Shimla,	Anil Tewari at			
			H.P.	IIAS Guest			
				House along			
				with full			
				access to library			
7				resources			

6.2 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended or Presented (2020-2021)

Example:

	•				
SI. No.	Title of the Seminar/Conference /Workshop and Dates & Year	Title of the Talk (if presenter) Or For Short- term course & Workshop (NA)	Organizing agency	Who presented as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker Or	National/ International (abroad)/ International (within the country)/ State/University
1.	Webinar on Skills for Inclusive and Sustainable Growth in Rural Areas" (11July, 2020)	"Skills For Inclusive And Sustainable Growth in Rural Areas"	RCI, UBA, IIT Roorkee	Simply Attended Attended by Mr. Sumanta Sarthi sharma	National
2.	Webinar on Tribal population (1 August, 2020)	"Understanding Various Modes Of Tribal Development Protecting their Indigenous Culture from External Influence -2 "	NCI, UBA, IIT Delhi	Attended by Mr. Sumanta Sarthi sharma	National
3.	Webinar on The Spiritual Genius of the Upanishads and their influence on intellectual History in India and the West (04 Aug, 2020)	"The Spiritual Genius of the Upanishads and their influence on intellectual History in India and the West"	The Bhopal School of Social Sciences	Attended by Mr. Sumanta Sarthi sharma	International

4.	Insight (2 October, 2020)	Prosperity of India through Science and technology	UBA/NSS, IIT Jammu	Attended by Mr. Sumanta Sarthi sharma	National
5.	Mortality and Action (7Oct, 2020)	Gandhian Ethics for Today's World	The Bhopal School of Social Sciences	Attended by Mr. Sumanta Sarthi sharma	National
6.	Naya Bharat E-Series (29 Nov, 2020 - 09 May, 2021)	"School Education in the 21st Century and Beyond"	Unnat Bharat Abhiyan, Ministry of Education, GoI	Attended by Mr. Sumanta Sarthi sharma	National
7.	Rural Development through Rural Transformation (2- 6 December, 2020)	"Rural Development through Rural Transformation "	NSS, NIT Raipur	Attended by Mr. Sumanta Sarthi sharma	National
8.	Rural Transformation through Technology, Innovation and Entrepreneurship under Unnat Bharat Abhiyan (16 April, 2021)	"Panchayati Raj and rural transformation "	National Institute of Rural Development and Panchayati Raj (NIRDPR) & UBA	Attended by Mr. Sumanta Sarthi sharma	National
9.	5-Day online FDP from 24 to 28 May, 2021	"Inculcating Universal Human Values in Technical Education"	All India Council for Technical Education (AICTE)	Attended by Dr. Anil Kumar Tewari	National
10.	4-Week Online Non- credit course, Mar. – April 2021	"Think Again I: How to Understand Arguments"	Dept. of Philosophy, Duke University	Attended by Dr. Anil Kumar Tewari	International
11.	National Seminar on "The Importance of Different Dimensions of Vedanta Philosophy in Present Era", 26-27 Mar. 2021	Presented a paper on 'Anirvacaniyak hyativada: The Advaita Vedanta Theory of Erroneous Perception',	Dept. of Sanskrit, University of Jammu	Dr. Anil Kumar Tewari	National
12.	Study Circle online Program, 30th May 2021	Invited Online Lecture on "Culture and Nature: A Philosophical Perspective"	Indian Council of Philosophical Research, New Delhi	Dr. Anil Kumar Tewari	National
13.	"Kashmir Shaivism and its Relevance in Contemporary Times" 20th Nov. 2020	Invited Online Lecture on "The Role of Reverence and Guidance in Kashmir Shaivism"	Indira Gandhi National Centre for the Arts, New Delhi	Dr. Anil Kumar Tewari	National

14.	5-Day online FDP on the theme "Inculcating Universal Human Values in Technical Education" from 24 May, 2021 to 28 May, 2021	NA	All India Council for Technical Education (AICTE)	Attended by Dr. Madhu Mangal Chaturvedi	National
15.	Two-Day National Seminar on "The Importance of the Different Dimensions of Vedānta Philosophy and its Contemporary Relevance" from 26-27 March 2021	'Some Self- Help Recipes from Indian Metaphysics'	Department of Sanskrit, University of Jammu and Sponsered by Indian Council of Philosophical Research, New Delhi	Paper presenter Attended by Dr. Madhu Mangal Chaturvedi	Natioanl
16.	3 rd Webinar Series of GFYP on 'Artificial Intelligence and its Philosophical Surroundings' 24 th September 2020	`Tracing Consciousness Between AI and AI'	Global Forum for Young Philosophers	Invited Lecture Attended by Dr. Madhu Mangal Chaturvedi	National
17.	05 days training course on "Good Communication Skills, Behavior, Attitude and Responsibilities of Police towards General Public" for the officers of the rank of Inspectors to SP of J&K Police w.e.f 16-03-2021(Tuesday) to 20-03-2021 (Saturday) on 17-03-2021	"Human Values and Professional Ethics: Well Being, Building Bonds, Collaboration, Empathy and Sensitivity in Police Organization"	Sher-I- Kashmir Police Academy, Udhampur.	Invited Lecture Attended by Dr. Madhu Mangal Chaturvedi	State
18.	4 Days Online Workshop on Train The Trainers on Examination Reforms 4th, 5th, 6th, and 7th December 2020	NA	BVB College of Engineering and Technology, Hubbali, in collaboration with the National Project Implementation Unit (NPIU)	Attended by Dr. Madhu Mangal Chaturvedi	National

6.3 Conferences/ Seminars / Workshops/FDPs/MDPs Organized (2020-2021)

SI. No	Title of the Seminar/Conference /Workshop/Etc. and Dates & Year	Organiser's Name	Role	Organizing agency	National/ International (abroad)/ International (within the country)/ State/University
1.	Indian Council of Philosophical Research (ICPR) New Delhi's First Study Circle Meeting, 17 th May 2021	Dr. Anil Kumar Tewari	Coordinator	SoPC & ICPR New Delhi	National

2.	Indian Philosopher's Day (The Birth Anniversary of Adi Shankaracharya), 17 th May 2021	Dr. Anil Kumar Tewari	Coordinator	SoPC, SMVDU	National
3.	A Conversation on the Situation and Expansion of Hindi language in foreign countries on Basant Panchami, 16 th Feb. 2021.	Dr. Anil Kumar Tewari	Coordinator	SoPC, SMVDU	International
4.	Webinar on "Swami Vivekananda's Ideas on Education and the New Education Policy 2020 of Bharat", 12 th Jan. 2021	Dr. Anil Kumar Tewari	Coordinator	SMVDU	National
5.	International Webinar on "Indian Epistemology: A Contemporary Perspective", 27th Dec. 2020	Dr. Anil Kumar Tewari	Coordinator	With Dept. of Sanskrit, University of Jammu) & ICPR New Delhi	International
6.	World Philosophy Day 19 Nov. 2021	Dr. Madhu Mangal Chaturvedi	Coordinator	SoPC, SMVDU	National
7.	International Yoga Day, 21 st June 2021	Dr. Madhu Mangal Chaturvedi	Coordinator	SoPC, SMVDU	University



CENTRAL FACILITIES / CELLS

BOARD OF CULTURAL ACTIVITIES

Talent Hunt

Board of Cultural Activities

is organizing Talent Hunt for all first year students every day from 6:30 to 7:30 P.M. In this, students have opted for various genres to show case their talent. These genres include photography, dance, song, musical instruments, dramatics, speech and debate, literary, etc. Auditions are being organized and coordinated by student coordinators and volunteers. The selected first year students will be performing in Concordance, scheduled later in this semester.

Cultural evening organises at SMVDU

KT NEWS SERVICE

JAMMU, Nov 8; A cultural evening was organized by the Board of Cultural Activities (BCA), Shri Mata Vaishno Devi University (SMVDU), Katra, where Kaustabh M Kunj, a reputed child prodigy, created beautiful and scrupulous environment with his magical voice.

Everyone in the auditorium was mesmerized with his beautiful and attractive voice, Kaustabh started the program with classical singing. He inaugurated the ceremony with Raag-bihag and also dedicated the song to his guru Pandit Anand Vaid, playback singer Pt. Suresh Wadekar and Bhajan Samrat Padamshree Anup Jalota . His Song Guru Bin Kaon Lagaye Baat was dedicated to his guru's and everyone in the auditorium was amused by his performance. Two more classical songs Laga Chunri Mein Daag and Naina More Taras Gaye were sung by him and it



clearly showed his knowledge about minute details of classical singing.

He also sang melody based on Raag Yaman and everyone appreciated him for his beautiful voice and melodies singing. He ended the show with songs of Mohd. Rafi, Kishore Kumar and Arjit Singh. The cultural evening was graced by the presence of honourable Vice Chancellor PadamShree R.K.Sinha as Chief Guest, Sh. Rakesh Kumar (Power Grid Corporation of India) as guest of honour and Sh. Annand Pal Singh DGM, J&K Bank also graced the occasion as the guest of honor. The musical night was organized on sidelines of International

Conference on Applied Biology (ICAB-2019), which was attended by more than 300 delegates from around the world, particularly USA, Europe and Australia. The organizer of the musical program was Board of Cultural Activities (BCA) was led by Dr. Sumanta.S.Sharma and Dr. Rakesh Thusoo.



NSS

Community Visit to spread awareness about Education undertaken at SMVD University

Vikalp – a students' initiative to educate the destitute along with National Service Scheme (NSS) at SMVD University conducted a community visit to spread awareness about the importance of education for individual and social growth yesterday. More than 200 first year students with the help of 20 senior volunteers participated in it. The pupils went to the nearby villages, visited houses, met parents and kids and informed them about Vikalp. The main objective of the Vikalp program, which started in 2009, is to extend basic education to the under-privileged children of the close by villages and to the children of the of the construction workers on the campus. The objective is to take care of their overall growth including their medical care. The Vikalp initiative is committed to the cause of social justice, sustainable development and human rights and undertakes developmental activities and programs for the literacy of children, which include computer courses, career counselling, sports and games activities etc.

The community visit is a part of three weeks mandatory Induction program for first year students ongoing at SMVD University. One of the major projects taken up by the Vikalp team is to improve the condition of deprived, living in poor human condition in rural areas of Kakryal and Sira villages, adjoining the University campus. The team conducts evening classes focusing on the issues of personal hygiene and general cleanliness for the students of the rural community in and around of the university premises. The focus is also on the healthcare and awareness program for various government initiatives. The activity was jointly coordinated by Dr. Madhu Mangal Chaturvedi (Faculty Coordinator, Vikalp) and Mr. Sumanta S. Sharma (Faculty Coordinator, NSS). Prof. E. Muthusamy, Dean of Engineering and Chairman of the Induction Program expressed his satisfaction on this awareness campaign and Prof. D. Mukhopadhyay (Hon'ble Vice Chancellor) congratulated the team for its indefatigable efforts.

NSS Report for the Month of January 2020

Swacchata Pledge, Plantation Drive and Traffic Safety organized

The National Service Scheme (NSS) along with Vikalp – a students' initiative at Shri Mata Vaishno Devi (SMVD) University Katra has organized various activities under the recently culminated Swacchata Pakwada Abhiyaan 2020. It started with Swacchata pledge, where Vikalp students and volunteers participated. After that , a plantation drive was organized in the academic area of the campus with contributions from "plantforu" a students' start up of SMVDU. Students were also sensitized about traffic safety through lectures, powerpoint, and videos and a briefing session on traffic rules to curb and minimize increasing number of accidents on roads. They also participated in poster making and later a human chain was also formed to pass on the message of "do not drink and drive".







More than 100 student coordinators and volunteers participated in it under the supervision of Mr. Sumanta S. Sharma, Faculty Coordinator, NSS and Dr. Madhu M. Chaturvedi Faculty Coordinator, Vikalp. It may be pertinent here to note that students of SMVDU had already participated in a comprehensive ban of 'single use plastic' in the month of November 2019. These students were divided into several groups and were given ten houses each, to spread the message of ill effects of polythene bags along with the distribution of cloth bags. The Honourable Vice Chancellor, Prof. (Dr.) Ravindra Kumar Sinha (Padma Shri) has congratulated the team for this holistic effort and appreciated the students for their diligence and hard work.

NSS Report for the month of July 2019

Briefing Session (17-07-2019)

National Service Scheme (NSS) at Shri Mata Vaishno Devi University (SMVD University) organized Briefing Session for first year B.Tech, and B.Arch students. Around 200 students participated in the event. The program was coordinated by Mr. Sumanta S. Sharma, (Faculty Coordinator, NSS) where he informed and explained the motto of NSS along with its objectives, requirements and purpose. The venue of the program was Matrika Auditorium. The students were sensitized about various initiatives that can be taken by students under NSS.

Special Lecture (17-07-2019)

Mr. Kiran Kumar Sharma, Chairman and CEO of International Volunteer Foundation (IVF) and two time national award winner delivered a special lecture on "Serving society with a cause" to the first year students at SMVD University (SMVDU) Katra. In his talk, he stressed the need for volunteerism among youth. He also spoke about massive cleanliness campaign named "Save the Trikuta Mountains" which is jointly organized by NSS wing of SMVDU along with IVF. Mr. Sharma also told students to engage in social service and help the destitute as there is no act nobler than that. The lecture was motivational & interactive and was applauded by students. The event was coordinated by Mr. Sumanta S. Sharma, Faculty Coordinator NSS, along with volunteers of SMVD University.

Art of Living (22-07-2019 to 27-07-2019)

A workshop on Art of Living is conducted at Shri Mata Vaishno Devi University from 22-27 July 2019 for first year students. It is a part of mandatory Induction Program as approved by AICTE comprising components of cultural activities, personal and inter-personal human endeavors along with some physical activity and community service. The Art of Living offers stress elimination modules include breathing techniques, meditation and yoga and helps in conflict resolution, disaster relief, sustainable rural development, empowerment of women, education for all, and environmental sustainability. More than 200 students are participating who are trained by four trainers Mr. Rohit Ranjan, Mr. Manjeet Singh, Ms. Kousar Razvi and Ms. Uditi Agarwal from Art of Living Foundation which was started by Gurudev Shri Shri Ravishankar Ji for humanitarian and educational cause in society. The event is sponsored by TEQIP-III and is coordinated by Dr. Balbir Singh (Associate Professor, SoME) and Mr. Sumanta S. Sharma (Faculty Coordinator, NSS).

Special Lectures on Mind Matters (26 and 27-07-2019)

NSS at SMVDU organized two special lectures on Mind Matters in coordination with Art of Living for senior students. More than 50 students participated in it.

Plantation Drive and Adoption Drive (31-07-2019)

Tree Plantation and Adoption Drive took place at Shri Mata Vaishno Devi University (SMVDU), Katra. The program was organized by the School of Business and NSS as a part of the Orientation program of the fresh students to motivate the students to plant and adopt a tree. More than 300 saplings were planted in the University premises. The saplings were provided by the DFO, Reasi, Mr. Anil Attri, who also participated in this drive along with Dr. Saurabh, Head, SoB, Dr. Anil Tiwari, Head, SoP, Dr. Jyoti Sharma, Dr. Sushil K. Mehta, Dr. Sumantha Sarthi Sharma and Dr. Rashi Taggar. Tree plantation and adoption is an attempt to protect the environment by taking care of the sapling to help it grow into a healthy tree.

Blood Donation (All through the month)

NSS at SMVDU is encouraging students to donate blood as and when required by the Blood Bank of Shri Mata Vaishno Devi Narayana Super-specialty Hospital. Students from Engineering, Architecture, Economics, etc. have donated their blood from time to time and as per requirement received.

NSS Report for the Month of 2019

Cloth Bags awareness and distribution campaign organized at SMVD University







The National Service Scheme(NSS) at Shri Mata Vaishno Devi (SMVD) University Katra has organized a comprehensive exercise on banning single use plastic bottles and polythene bags along with sensitizing its students and common populace staying nearby the university, the need to embrace the use of cloth bags. It started a couple of months back with a motivational lecture by Mr. Kiran Kumar Sharma, Chairman and CEO of International Volunteer Foundation (IVF) and two time national award winner, who delivered a special lecture on "Ill effects of Plastic bags and the need to shift to cloth bags" to the students at SMVD University. Honorable Vice Chancellor and Padma Shri Prof. (Dr.)

Ravindra Kumar Sinha has motivated students, staff and faculty members to stop using these products in the campus several times and called for a complete ban of single use plastic bottles and bags on October 02, 2019 commemorating the 150th Birth Anniversary of Mahatma Gandhi. Taking this initiative further, NSS along with the support of TEQIP-III organized cloth bags distribution campaign in the adjacent villages of the university in the month of November 2019. More than 200 student coordinators and volunteers participated in it under the supervision of Mr. Sumanta S. Sharma, Faculty Coordinator, NSS. These students were divided into several groups and were given ten houses each, to spread the message of ill effects of polythene bags along with the distribution of cloth bags. The Honourable Vice Chancellor, Prof. (Dr.) Ravindra Kumar Sinha (Padma Shri) has congratulated the team for this holistic effort and vowed more such activities in the coming days.

NSS Report for the month of September-October 2019

Two Day Clean Vaishno Devi Yatra organized by SMVDU



CLEAN VAISHNO DEVI YATRA MISSION-2

स्वच्छ वैष्णो देवी यात्रा अभियान - 2

10[™] EDITION OF SAVE THE TRIKUTA MOUNTAINS

Organized By

INTERNATIONAL VOLUNTEER FOUNDATION

In Collaboration With

SHRI MATA VAISHNO DEVI UNIVERSITY, KAKRYAL



Shri Mata Vaishno Devi University, Shri Mata Vaishno Devi Shrine Board in collaboration with International Volunteer Foundation (IVF) organized Two Day Clean Vaishno Devi Yatra Mission-2 under 10th Edition of Save The Trikuta Mountains Campaign which was first launched in March 2014. The objective of Save The Trikuta Mountains is to keep the abode of holy shrine clean, green and plastic free. A rally of more than 120 students was flagged by Prof. (Dr.) R.K. Sinha (Padma Shri), Hon'ble Vice-Chancellor, SMVDU, Katra in presence of Dr. Yugal Khajuria (Dean of Students, SMVDU) and Mr. Sumanta S. Sharma (Faculty Coordinator, NSS). In his address to the students, he stressed on the need to completely stop the usage of single use of plastic. He further embraced and suggested the use cloth bags to save the mother nature. The rally of student was received by Sh.Vinay Khajuria, Deputy Chief Executive Officer, SMVDSB, Katra at Spiritual Growth Centre. He apprised the students about the achievements and continuous efforts of Shrine Board to keep holy Trikuta Mountains clean and green and appeal the student volunteers to spread the message of Swachata Abhiyaan launched by the Prime Minister of India. Kiran Kumar Sharma, Founder of Save The Trikuta Mountains Campaign and Chairman IVF highlighted the achievements of previous campaigns and the role of students in raising awareness among the people about the importance of segregation of waste and convert it into wealth. The student volunteers marched from Katra to Bhawan with high energy, raising slogans and launched massive cleanliness and awareness drive on the entire yatra route, village Droudh, bathing ghat, etc. in order to educate the local residents, shopkeepers, vendors and yatris to keep surroundings of their homes, shops and yatra-track neat and clean and not to use polythene bags, not to litter, not to throw plastic bottles in the gorges of holy Trikuta Mountains. Also, they were encouraged to use dustbins, reuse plastic bottles by using filtered water machines installed by shrine board. The volunteers also collected the non bio-degradable garbage in the gunny bags and distributed pamphlets among the people. International Volunteer Foundation also honoured the staff members of Sanitation Wing of Shrine Board at Ban Ganga including the SKCs for their commitment and hard work in keeping the place clean. Those who were present on the occasion were, staff members of Central Office, SMVDSB, Katra and Sunder Singh, Rajesh Sharma and Rohit Sharma, IVF members.

SMVD University organized "good education for all" campaign at nearby villages



The student volunteers of Vikalp - a students' initiative along with NSS at Shri Mata Vaishno Devi University (SMVDU) campaigned in the nearby villages' area of Kakryal and Sirah to promote the objective of good education for all. Vikalp is an initiative which started in 2009 by a group of motivated students of SMVDU who came forward with a thought of bringing a positive change in the lives of the underprivileged children of the nearby village areas by providing them the most powerful tool - KNOWLEDGE. The campaigning began in the morning and the student volunteers got divided into small groups and covered different areas of the nearby villages. The main objective of the campaign was to spread awareness and encourage the villagers to send their children to Vikalp. The role and importance of education was discussed and the concerns of the villagers were also taken into account. Villagers wanted safe mode of transportation for their children and the volunteers told them about the bus facility being provided by the university to drop the children safely back to their houses every evening after the classes get over. They were also made aware about the various excellent activities like Computer workshop, Sports Competition, and other events like dance, speech, drawing and poetry competitions that are frequently organised to inculcate among the children a sense of confidence and give them a platform to showcase their talents. The volunteers also reached out to the workers working in the construction areas inside the university and also urged them to send their children to Vikalp. This campaign was jointly coordinated by Dr. Madhu M. Chaturvedi (Faculty Coordinator, Vikalp), Mr. Sumanta S. Sharma (Faculty Coordinator, NSS) along with student volunteers. The effort was highly appreciated by the Hon'ble Vice Chancellor, Prof. Ravindra K. Sinha, Padma Shri and he pledged more such initiatives by the University.

Special Lecture on Clothes Bags conducted at SMVD University

Mr. Kiran Kumar Sharma, Chairman and CEO of International Volunteer Foundation (IVF) and two time national award winner delivered a special lecture on "Ill effects of Plastic bags and the need to shift to cloth bags" to the students at SMVD University (SMVDU) Katra. In his talk, he stressed on the need shun plastic bags, bottles etc. and embrace the idea of using cloth bags. He also spoke about massive cleanliness campaign named "Save the Trikuta Mountains" which is jointly organized by NSS wing of SMVDU along with IVF. Mr. Sharma also told students to engage in social service and help the destitute as there is no act nobler than that. He further clarified that our culture too, tells us to stay in peace and harmony with nature rather than destroy it to the very core. He also said, that it is high time that we should have many waste management systems including compost plants to tackle with wastes generated in huge quantity every day. The lecture was motivational & interactive and was applauded by students. The event was coordinated by Mr. Sumanta S. Sharma, Faculty Coordinator NSS, along with volunteers of SMVD University.

Blood Donation (All through the month)

NSS at SMVDU is encouraging students to donate blood as and when required by the Blood Bank of Shri Mata Vaishno Devi Narayana Super-specialty Hospital. Students from various courses have donated their blood from time to time and as per requirement received.

SMVDU distributed clothes, books and articles to the needy

Student volunteers of NSS at SMVD University Katra initiated an old clothes, books and articles collection and distribution drive in the month of October 2019 by forming groups and collecting clothes, books and other items from the faculty and staff members residing in the campus area. In this, students from Engineering, Architecture and Economics participated. Both faculty and staff members have donated generously for this noble cause. Some people have also given their children's toys, books, tricycles, etc.





After this, it was sorted and the ones which cannot be used were discarded. These were then repacked and distributed to the menial and construction workers and their children residing in nearby areas of the University. The event was coordinated by Mr. Sumanta S. Sharma (Faculty Coordinator, NSS) with the help of various student Volunteers of NSS. This is one of the initiatives taken under University Social Responsibility among several other activities. Honourable Vice Chancellor, Prof Ravindra Kumar Sinha has congratulated the team for this stupendous effort and pledged more such endeavours in the coming future.

SMVDU faculty delivered plenary talk at IIT Jammu



Mr. Sumanta S. Sharma, a senior faculty member and also Faculty Coordinator NSS Wing at Shri Mata Vaishno Devi University (SMVD) Katra, has delivered a plenary talk on "Social cause, responsibilities and the NSS" at an Induction program about NSS organized by Indian Institute of Technology (IIT) Jammu on 21st September 2019. In this, he highlighted various events organized along with several initiatives taken by NSS at SMVDU. Vikalp – students' initiative which started in 2009 and is currently headed by Dr. Madhu Mangal Chaturvedi (Faculty Coordinator, Vikalp) to educate the poor and destitute of the surrounding areas was very well appreciated by the gathering. Dr. J. Jeganaathan, Programme Coordinator of NSS, Central University Jammu who was also present, pledged more tie-ups with the NSS wing of SMVDU and organize joint programmes and camps. Dr. S. Ray, Faculty Coordinator, NSS at IIT Jammu delivered the vote of thanks.

Special Lecture on Clothes Bags conducted at SMVD University

Mr. Kiran Kumar Sharma, Chairman and CEO of International Volunteer Foundation (IVF) and two time national award winner delivered a special lecture on "Ill effects of Plastic bags and the need to shift to cloth bags" to the students at SMVD University (SMVDU) Katra. In his talk, he stressed on the need shun plastic bags, bottles etc. and embrace the idea of using cloth bags. He also spoke about massive cleanliness campaign named "Save the Trikuta Mountains" which is jointly organized by NSS wing of SMVDU along with IVF. Mr. Sharma also told students to engage in social service and help the destitute as there is no act nobler than that. He further clarified that our culture too, tells us to stay in peace and harmony with nature rather than destroy it to the very core. He also said, that it is high time that we should have many waste management systems including compost plants to tackle with wastes generated in huge quantity every day. The lecture was motivational & interactive and was applauded by students. The event was coordinated by Mr. Sumanta S. Sharma, Faculty Coordinator NSS, along with volunteers of SMVD University.

Special Lecture on NSS conducted at SMVD University

Mr. Kiran Kumar Sharma, Chairman and CEO of International Volunteer Foundation (IVF) and two time national award winner delivered a special lecture on "Serving society with a cause" to the first year students at SMVD University (SMVDU) Katra. In his talk, he stressed the need for volunteerism among youth. He also spoke about massive cleanliness campaign named "Save the Trikuta Mountains" which is jointly organized by NSS wing of SMVDU along with IVF. Mr. Sharma also told students to engage in social service and help the destitute as there is no act nobler than that. The lecture was motivational & interactive and was applauded by students. The event was coordinated by Mr. Sumanta S. Sharma, Faculty Coordinator NSS, along with volunteers of SMVD University.

Workshop on Art of Living conducted at SMVD University

A workshop on Art of Living is conducted at Shri Mata Vaishno Devi University from 22-27 July 2019 for first year students. It is a part of mandatory Induction Program as approved by AICTE comprising components of cultural activities, personal and inter-personal human endeavors along with some physical activity and community service. The Art of Living offers stress elimination modules include breathing techniques, meditation and yoga and helps in conflict resolution, disaster relief, sustainable rural development, empowerment of women, education for all, and environmental sustainability. More than 200 students are participating who are trained by four trainers Mr. Rohit Ranjan, Mr. Manjeet Singh, Ms.

Kousar Razvi and Ms. Uditi Agarwal from Art of Living Foundation which was started by Gurudev Shri Shri Ravishankar Ji for humanitarian and educational cause in society. The event is sponsored by TEQIP-III and is coordinated by Dr. Balbir Singh (Associate Professor, SoME) and Mr. Sumanta S. Sharma (Faculty Coordinator, NSS).

Yoga Sessions conducted at SMVD University

National Service Scheme (NSS) along with Yoga and Fitness Club at SMVD University organized yoga sessions, in the month of October,2019. The sessions began from 2nd Oct, commemorating the 150th birth anniversary of Mahatma Gandhi and continued till the month end. A multitude of students participated in the sessions and showed great interest in the same. Thus, it is being planned to start the yoga sessions again in the month of November given the request received and the enthusiasm shown. The sessions were open for all the residents of the campus, which includes faculty and staff members along with students. All these sessions were held on weekends and holidays in order to enable one and all to participate in them. The program aimed to sensitise people towards comprehensive nature of yoga towards life and well-being. The yoga instructor of these sessions was Shri Gurmel who himself is well-qualified & trained in yoga, and practices it every day. He informed students about the benefits of yoga for the body and mind before starting with the asanas. Students, faculty members and residents have participated in it. The sessions are jointly coordinated by Mr. Sumanta Sarathi Sharma, Faculty Coordinator, NSS, and Dr. Madhu Mangal Chaturvedi (Convener, Yoga and Fitness Club).



BOARD OF SPORTS ACTIVITIES

1. All India/North Zone Inter University competition

i. Cricket (Men) – SMVD University cricket team participated in North Zone Inter University competition organized by Aligarh Muslim University, Aligarh (U.P) from 21.11.2019 to 4.12.2019.



ii. Kick boxing (Men) – SMVD University kick boxing team participated in All India Inter University competition organized by Veer Bahadur Sing Purvanchal University, Jaunpur (U.P) from 14.02.2020 to 18.02.2020.

2. Participation of SMVD University in different games:

SMVD University Cricket (Men), Table tennis (M/W), Chess (M/W), Badminton (M/W), Volleyball (Men), Basketball (Men) participated in Annual sports fest organized by Indian Institute of Technology (IIT) Jammu, Jammu from 8.3.2020 to 11.3.2020. Positions in above said games is as under:

Volleyball – 1 st	Badminton (Men) – 2 nd
Chess (Men) – 1 st	Table tennis (Women) – 2 nd
Cricket – 2 nd	Basketball – 2 nd





3. Inter Hostel Tournament

Board for Sports activities conducted inter hostel open tournament wherein from different hostels had participated in the following games:

Cricket (Men) Volleyball (M/W)
Kho Kho (Men) Football (Men)

Basketball (M/W) Kabaddi (Men)

CENTRAL LIBRARY

"A library was nothing without its people. You say library and there's this iconoclastic image of an old-lady librarian telling people to be quiet and not to run. But the thing was, that lady—that iconoclastic lady—was with us when we cleaned. She wore blue jeans, too. Maybe she was what people thought about when you said library, but she didn't make the library. People made the library. That's what made a library. Without them, all the sacredness was gone. It was just a building with books."— Scott Douglas

Starting Library with the number of only 2,000 Books by 19th August 2004, within a short span of time the library has acquired more than 54,000 Books & more than 3,000 CDs/DVDs collections.

Library has shifted to its new Building on 26th July 2010. The Central Library building in 36,000 Square yards area & is being covered with various separate sections consisting Acquisition Section, Technical Section, Circulation Section, Reference Section, Periodical Section, Text Book Section, Computer Section, Reading Section and Photocopy Section for the benefit of students, faculty & staff. More quality books are being added to the library on a regular basis. Quality of education largely depends upon the collection of the books & other material in the Library. To enrich the Library collection with the quality books Library has organised series of Book Exhibitions which has been participated by the renowned publishers/ vendors from various parts of the India in the year 2016 & 2017.

The Central Library collection encompasses Management, Economics, Engineering, Architecture, Sciences, Philosophy, Culture, Religion, English, Dogri, Hindi, Punjabi and Urdu Literature.



1. Library Timings:

Library remains open on all days except Holidays of the University. Timings of the Library are as follows:

S. No.	Section	Days	Timings		
1	Book stacks for Circulation	Monday-Friday	9:00 AM - 8:00 PM		
2	Digital Library	All working days	24x7		
3		Monday-Friday	9:00 AM - 12:00 Midnight (Dinner		
			Break 8:00 PM - 9:00 PM)		
4	Reference	Saturday-Sunday	10:00 AM - 5:00 PM		
			(Lunch Break 2:00 - 3:00 PM)		
Reading Room open: 24x7					

2. Library Membership:

All the students and employees of the University are eligible for membership of the Library. The registered members are issued bar-coded library membership cards. The categories of the Library members are Students, Faculty, Staff and Research Scholars. At present, Library is catering to the information needs of more than 1,800 users with the help of its trained professionals.

S. No.	Collection Type	Quantity
1	Books	54,000+
2	CDs and DVDs	3,000+
3	Thesis & Dissertations	1,097

3. Library Staff Members:

S. No.	Name	Designation	Photographs
1.	Dr. Supran Kumar Sharma	Faculty I/c Central Library	
2.	Ms. Sunita Raina	Library Assistant	

3.	Mr. Ashwani Kumar	Library Assistant	
4.	Mr. Mool Raj	Library Assistant	
5.	Mr. Chandreshwar Gupta	Library Assistant	
6.	Mr. Avdhesh Gupta	Junior Assistant	

4. Newspaper, Magazines and Journals Collection in the Central Library:

The SMVDU Central Library provides access to more than 46,409 online journals & 2,695

conference proceedings through eShodhSindu Digital Library Consortium, INFLIBNET and also to subscription based e-resources from various suppliers & renowned publishers.

Following is the list of e - resources subscribed by the central library:

S.No.	Logo	e-resource	URL link
1.	Advancing Technology for Humanity	IEEE ASPP + POPE	http://ieeexplore.ieee.or g/Xplore/home.jsp
2.	EBSCO host	EBSCO host (premier starter edition)	http://search.ebscohost.

2	House and	11 1	I. I I
3.	Harvard Business	Harvard	hbsp.harvard.e
	Publishing	Business	du
	Education	Cases	
4.	EPW	EPW Reseach	http://www.epwrfits.in/i
	Research		ndex.aspx
	Foundation	Foundation Database	
5.	Towns on the	IJBST Journal Group	https://www.ij
	Table Control of the same		bst.org
	eS	ShodhSinghu	
6.		Economic &	https://www.in
	FPW	Political	flibnet.ac.in/es
	Economic&PoliticalweekLY	Weekly	s/eres.php?me
			mID=29
7.		Institute for	https://www.inf
, ·	ISID INSTITUTE FOR STUDIES IN INDUSTRIAL DEVELOPMENT	Studies in	libnet.ac.in/ess
		Industrial	/eres.php?mem
		Development	ID=29
			10-29
		(ISID)	
		Database	
8.	J-Gate	JGate Plus	https://www.inf
	largest E-Journal Gateway	(JCCC)	libnet.ac.in/ess
			/eres.php?mem
			ID=29
	CATED	JSTOR	https://www.inf
9.			libnet.ac.in/ess
	45 26		/eres.php?mem
	JSTOR		ID=29
	AMERICAN MATHEMATICAL SOCIETY	MathSciNet	https://www.inf
10.	MathSciNet		libnet.ac.in/ess
	Mathematical Reviews		/eres.php?mem
			ID=29
			15 25

11.	Springer	Springer Link	https://www.inf libnet.ac.in/ess /eres.php?mem ID=29
12.	eShodhSindhu Consortium	World e-Book Library	https://www.inf libnet.ac.in/ess /eres.php?mem ID=29
13.	eShodhSindhu		https://www.inf
	Consortium	South Asia Archive	libnet.ac.in/ess
		(SAA)	/eres.php?mem
			ID=29
E-Books			
14.	e-Books Academic	EBSCO Academic	https://search.ebscohost
	Collection Package	e-Book Collection	.com/login.aspx?a



Apart from these the library also subscribes to more than (70) national and (06) international print journals. The back volumes of the printed journals are available in bounded form since from the year 2004.

5. OPAC/Library Automation:

The Central Library has integrated Library Management software **e-Granthalaya 4.0** with all the modules for the Library housekeeping operations. Users can find the latest additions of books and periodicals in the Library, status of books (issued/on-shelf) and books issued/ overdue against his name. Using e-Granthalaya 4.0 web OPAC users can search the Library Online Catalogue by Authors, Title, Subject, and Keywords. Library catalogue is automated and fully indexed.

The entire Library collection is Bar-coded. Bar-coded Library cards are printed inhouse in the

Library and are issued to the members. Barcode technology enables circulation of books in easy, reliable and user friendly manner. Apart from this, the user can download e-Granthalaya app from the Google play store on their smart phone to find the status of books issued in their name, overdue, fines, etc.

6. Virtual Digital library:

In the year 2008, the Virtual Digital Library was established with various online reference resources and access to open journals are also available.

7. Digital library:

Digital Library is equipped with 34 internet PCs. Various subscribed as well as open access, e-resources can be accessed by the users through Digital Library.

8. Reprographic Service:

Library provides photocopy service to the users against a nominal charges. At present Library is equipped with three Canon photocopying machines. All these machines are placed at different utility locations in the Library.

Apart from the above, Central Library is equipped with FAX Machine, Computer Printer and a Scanner.

9. CAS/SDI:

Library also provides Current Awareness Service & Selective Dissemination of information.

- 1. New arrival of books
- Monthly alert for e-resources, e-books, e-journals accessible at SMVD University.

10. Anti-Plagiarism:

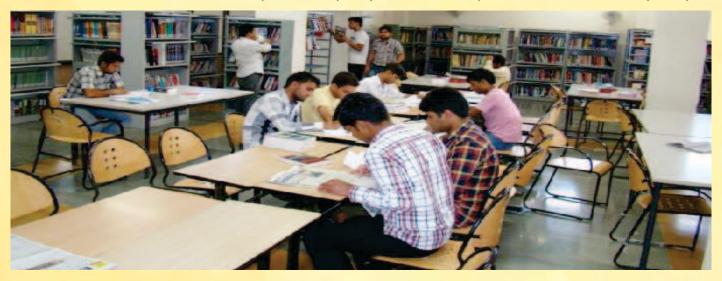
In order to avoid any sort of plagiarism issues and improve upon the quality publications from the University and also improve the quality of the assignments submitted by the students of the University, Library has deployed Anti-plagiarism softwares TURNITIN & URKUND.

11. Library Membership:

11.1 UGC/INFONET Consortium

Library is also actively depositing quality Ph.D Thesis to the repository of Shodhganga of

INFLIBNET (Information and Library Networking) Centre. INFLIBNET is an Autonomous Inter University Centre (IUC) Of University Grant Commission (UGC).



11.2 DELNET Membership

It is not possible for any Library to procure all books or subscribe to all journals. Hence, to get books on loan basis or journal reprints on request is possible through DELNET(Developing Library Network), Delhi. Library is a member of DELNET since 2007. Central Library procure books on request through inter Library loan (ILL) from the DELNET. One can also find out the books or Journals available in various libraries in India with the help of Union Catalogue of DELNET.

12. Hardware (equipment) and Software:

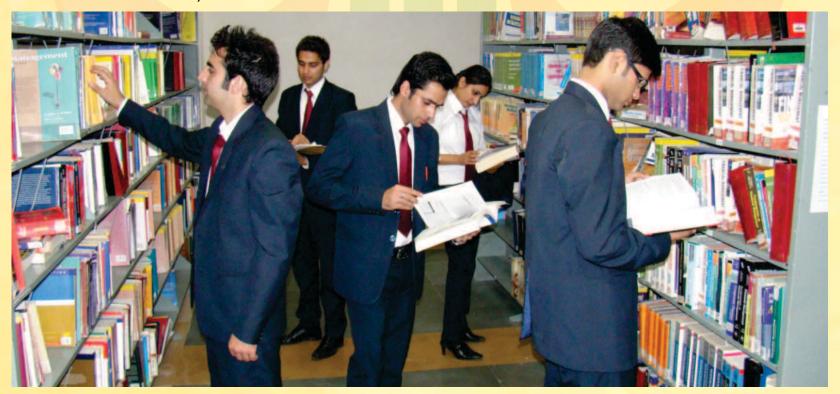
Library is equipped with 130 computers. Recently Library also procured 2 Blade Servers from UGC Fund. The entire Central library is Wi-Fi enabled.

13. Online UPS:

For power backup to all computers in the library four numbers of Online UPS are available in the Library. This helps in minimizing data loss and unwanted record freezing/jamming due to unwarranted unsystematic shutdown of a system caused by power failure.

14. Surveillance of the Library:

For the better surveillance, CCTV cameras have been installed in different sections of the Library.



15. Events:

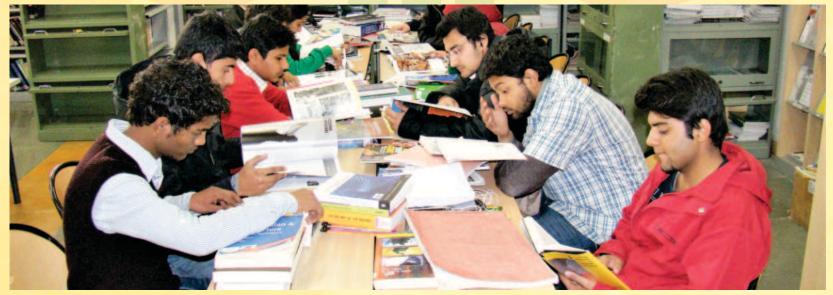
- 1. The Central Library has organized one National Level workshop on e-Granthalaya 4.0 for the automation of the Library collection.
- 2. User orientation programmes are organized by the Central Library for the newly admitted students so that user may be familiar with the facilities available in the Central Library of the University.
- 3. User Induction programme is also provided by the resource person of the Turnitin antiplagarsim software & EBSCO.
- 4. 2nd National Level Essay Writing Competition has been organized by the Library in the year 2019.

Results of 2nd National Level Essay Writing Competition year 2019

S. No.	Winners	Affiliated University	Prize
1 St Prize	Ms.Purvi Chaturvedi &	Kamla Nehru College ,Delhi	10,000
	Yashvi Jain	University & National	
		University of Law,Patiala	
2 nd Prize	Ms. Swatika	Panjab University Chandigarh	5,000
3 rd Prize	Ms.Nirmalya Panigarh	Indian Institute of Technology	2,000
Three winners have been honored with consolation prizes			

16. Achievements of Human Resources of Central Library:

The staff of the Central Library has attended various workshops/webinars to development new Professional relationships, to gain knowledge and hands on skills.



Ms. Sunita Raina (Library Assistant)			
S.No.	Title	Organizer	Date
1.	Discover Emerald journals for your research	Emerald Publishing	30 June,
			2020
2.	A Modern, Open Source Library Services	EBSCO Information	16 June,
	Platform Built to Support Emerging	Services	2020
	Workflows		
3.	Euphoria of Online Education	Alliance University,	03 July,
		Bengaluru	2020
4.	Powering international sales growth during	Payoneer	03 July,
	COVID-19		2020
	Mr. Mool Raj (Library	Assistant)	
1.	One day workshop for Librarians on	DAV College Chandigarh	03
	implementation Challenges of RFID		August,
	Technology & Koha ILMS		2019
2.	Webinar Series of eShodhSindhu Web of	eShodhSindhu	14-28
	Science 14-28 May, 2020		May, 2020
3.	Online quiz on Library and Information	Library, School of Law Vel	21 May,
	Science	Tech Rangrajan R&D	2020
		Institute of Science and	
		Technology	
4.	Webinar on e-Granthalaya Circulation Module	NIC, Government of India	23 May,
			2020
_			
5.	Webinar on e-Granthalaya Software	NIC, Government of India	30 May,
	Discussion with eg3 users		2020
-		Out and Hairman in D	02.1
6.	Online training session How to publish with	Oxford University Press	03 June,
7.	Oxford Journals Online FDP on Skills for Librarianship	LIS Academy & NCSI NET	2020 16 May
7.	Chime Lot on Skins for Fibrialianship	Foundation.	to 21
		r dandation.	June, 2020
8.	Webinar " THE PEOPLE THE PRINCIPLES	Springer nature in	18 June,
	BEHIND THE NATURE-THE WHAT, THE WHY	Collaboration with	2020
	AND THE HOW"	INFLIBNET center	

Mr. Chandreshwar Gupta (Library Assistant)				
1.	Webinar on Coronavirus and the New	Ascend Harvard Business	23 June,	
	Normal: How Students Can Embrace and	Review & EBSCO	2020	
	Succeed Through This Change	Information Services		
2.	Online FDP on Skills for Librarianship	LIS Academy & NCSI NET	16 - 21	
		Foundation	June,	
			2020	
3.	Webinar on "The people and the principles	Springer Nature in	18 June,	
	behind Nature: The What, the Why and the	collaboration with Inflibnet	2020	
	How"	Centre		
4.	Webinar on "Unleash your Potential -	Wiley	15 June,	
	Preparation and Strategies for Acing		2020	
	Campus" Placement in the Current Scenario			
	Mr. Ashwani kumar (Libra	ary Assistant)		
1.	One day workshop for Librarians on	DAV College Chandigarh	03	
	implementation Challenges of RFID		Augu <mark>st,</mark>	
	Technology & Koha ILMS		2019	
2.	Web Seminar on Role of Libraries & LIS	KNIMDUS in Association	03 to 07	
	Professionals During Pandamic	with <mark>Univ</mark> ersity of Jammu &	June,	
		IIT J <mark>ammu</mark>	2020	

17. Future:

Expansion of Central Library now onward is very much on priority in order to enrich the knowledge resource of the students and also keeping faculty members abreast of latest developments in their field of specializations. Providing support and strengthening College Libraries, and opening of School Libraries is very much on the agenda.

In the new building with the various growth facets and aforesaid backdrop library is likely to enrich the following:

17.1 Books:

- 1. General reading books.
- 2. Fiction and leisure reading books.

- 3. Language books (other than English language): Books in different languages; especially in Hindi to promote the National Language and Dogri & Kashmiri to promote and understand the culture of the Jammu &Kashmir UT.
- 4. Reference books.
- 5. Competitive Examination books (like GATE, NET).

17.2 Equipments & Technology:

For modernizing the library and it's services the university is planning for installation of RFID technology and NAS Server.

RFID Technology: The Central Library is already using e-Granthalaya 4.0 Library software. Further, higher level of automation can be achieved using RFID technology. This will help minimizing book theft, further automate book circulation (multiple book at time) to a user i.e. can be issued or checked-in in a single moment. It will also help in shelf or stack rectification & help minimizing (un) intentional misplacement of books on the shelves by users.

CD-Mirror SERVER/NAS Server for easy and reliable access with proper content is required.CD data can be mirrored (copied i.e. burned onto the server) to provide campus wide 24x7 access to students as well as faculty members.CD –Mirror Server is under plan.

18. Vidwan:

Databases contain 10,000+ profiles of experts on various subjects from 650 institutions are available in the central library http://vidwan.inflibnet.ac.in.

PUBLICATION AND MEDIA CELL

Publication and Media Cell of the University is the spokesperson of the activities of the University. Since inception in 2005, the Cell endeavours towards publicizing the University activities through local and national print media, reputed magazines and through social media too. The Cell has learned members of faculty associated with it. It is supervised by a Chairman appointed from amongst faculty members and supported by dedicated staff. The Cell provides photography and video-recording services to the University activities. Below is a brief report of its activities in the academic year 2017-18:

News Management

Publication and Media Cell worked dedicatedly for covering and sending to different media all activities such as seminars, conferences, workshops, University achievements and milestones, faculty achievements, students' achievements, visits of distinguished persons, special lectures etc. A brief account of publication of such news is as under:

Total news exposures in local print media = 22380+

Total news exposures in national print media = 1030+

Through publication and of activities in local and national media the University achieved significant attention of people and other institutions. All major activities were highly viewed on social media. Many of the news crossed 25000+ views on University facebook page, Instagram, Twitter, YouTube, Pinrest, Tumbler. The Cell also publishes advertorials in leading newspapers and magazines. Notably, one advertorial published in Mail Today on 25 November 2017 brought good feedback. Our coverage on hindusthansamachar has been significantly viewed throughout the year.

University Publications

Publication and Media Cell publishes a number of documents, both hard and online, to put forth the University achievements, major happenings, research and publication, faculty and students' achievements for public information. The Cell publishes following documents:

- 1. Annual Report
- 2. Admission Brochure
- 3. Students' Magazine Pratibimb
- 4. Monthly Newsletter Times@SMVDU

- 5. University Profile
- 6. Ph.D. Handbook
- 7. Convocation Brochure

Promotion of Academic Programs

Publication and Media Cell is an instrument for promotion of the academic programs of the University. The cell, in coordination with Training and Placement Cell, represented the University in India International Science Festival, Chennai (13-16 Oct. 2017), FICCI Higher Education Summit, Noida (9-11 Nov. 2017) and FICCI HR Summit, Jaipur (29 Nov. 2017). The Cell actively worked for dissemination of printed materials popularizing the maiden initiative of conducting University's first Engineering Entrance - SMVDUEE-2018.

The Cell also manages academic notices and advertisement in local and national newspapers and reputed magazines like Career360, Airport India Business Magazine etc. It also prepares short videos for promotion of academic programs. The Cell also actively worked for preparing contents for display on hoardings placed in more than 10 cities in the country and at Jammu Airport.





SMVDU hosts International Tribology Research Symposium



Golden Yug

SMVDU gives a message of Peace on **Human Rights Day by Human Chain**



NSS SMVDU celebrat ed Human Fights Day by teers took part in the The NSS volunteers gave human chain. After that, an interactive session was

and apex body Natio The initiative for the event and was well supported by other coordinating mem

SMVDU Hosts International Tribology Research Symposium ITRS 2021



SMVDU hosts International Tribology Research Symposium Erdemir (Texas A&M Uni-versity), Prof. Harish Hirani (Director. CSIR-CMERI Durgapur), Prof. Karanam Uma Maheshwar Rao (Di-HIMALAYAN MAIL NEWS

JAMMU, DEC 23
A three day long virtual aternational Tribology Re-earch Symposium on Tribology for Sustainability & Reliability" was organized eliability" was organized v the School of Mechanical ring, SMVD Uni-from 08-10 Dec he inaugural func-2021 The inaugural func-tion was presided over by Prof. R. K. Sinha, Vice-Chancellor, SMVDU, in Chancellor, Survivional which he laid emphasis on undertaking research relevant to local needs and of sident, Mala

tor, Nationaca chnology Karnataka, cathkal) Prof. M K Dutta Centre for Ad-Director, Centre for vanced Studies AKTU

bology Society Prominent international speakers who shared their research experi-ences with the participants, including Prof. Alessandro Burgiero, UNISA, GAT Ruggiero, UNISA, GAIT (AIMETA) National Coor-dinator, Prof. Jean Michel Martin, University of Lyon, ean son nity of Lyon, rule de LTDS, Ecole Cent

LTDS, Ecole Centrale d Lavin, Prof. Bharr Bhushan, Ohio University Ohio, USA, Prof. Dr. Haka KALEL?, YilduffeknikUn versitesi, MakineFaknltes Turkey, Prof. Michae Khonsari, Louisiana Stat Zulfiqar A Kha Bournemouth Universit UK, Dr. Ben Beake, Mar

University of Technolog Sweden, Dr. O P Khat CSIR-IIP Dehradun Prof. M.F.Wani, NITS

DIRECTORATE OF QUALITY ASSURANCE (DQA)

In pursuance of its Action Plan for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the National Assessment and Accreditation Council (NAAC), Bangalore proposes that every accredited institution should establish a Directorate of Quality Assurance (DQA) as a post-accreditation quality sustenance measure. Since quality enhancement is a continuous process, the DQA becomes a part of the institution's system and works towards the realisation of the goals of quality enhancement and sustenance. The prime task of the DQA is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. For this, during the post accreditation period, it channelizes all efforts and measures of the institution towards promoting its holistic academic excellence. The Work of the DQA is the first step towards internalization and institutionalization of quality enhancement initiatives. Its success depends upon the sense of belongingness and participation it can inculcate in all the constituents of the institution. It will not be yet another hierarchical structure or a record-keeping exercise in the institution. It will be a facilitative and participative voluntary system/unit/organ of the institution. It has the potential to become a vehicle for ushering in quality enhancement by working out planned interventionist strategies to remove deficiencies and enhance quality like the "Quality Circles" in industries.

Quality Policy

Harnessing excellent academic environment infused with integrity, professionalism and human values for continuous intellectual & personal development through participative and transparent mechanism.

Objective

To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices

Scope

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks;
- The relevance and quality of academic and research programmes;
- Equitable access to and affordability of academic programmes for various sections of society;
- Optimization and integration of modern methods of teaching and learning;
- The Credibility of evaluation procedures;
- Ensuring the adequacy, maintenance and proper allocation of support structure and services;
- Sharing of research findings and networking with other institutions in India and abroad.

Functions

- Development and application of quality benchmarks/parameters for the various academic & administrative activities of the university;
- Facilitating the creation of a learner-centric environment, conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- Arrangement for feedback response from students, parents and other stakeholders on quality-related issues;
- Dissemination of information on various quality parameters of higher education;
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- Documentation of various programmes/activities leading to quality improvement;
- Acting as a nodal agency of the Institution for coordinating quality-related activities including adoption and dissemination of best practices;
- Development of Quality Culture in the institution;
- Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC, to be submitted to NAAC;

Name of events organized through DQA during 2020-21:

Name of events organized through DQA during 2020-21:			
Year	Name of the workshop/ seminar	Date From - To	
2020	Online Summer Research Internship 2020.	25 th May to 25 th July 2020	
2020	Online FDP on "Computational Intelligence Systems and Security."	20 th to 24 th July, 2020	
2020	Webinar on "Building Services."	30 th June to 1 st July 2020	
2020	One Week STC on Tribology for Sustainable Development.	20 th to 24 th July, 2020	
2020	National Level Webinar on Theme: "Living With CORONA".	4 th September 2020	
2020	Online AICTE ATAL FDP on Clean Energy Conversion Technology and Materials for Energy Storage Applications".	21 st to 25 th September	
2020	One-Week Online Short-Term Course on Entrepreneurship: A Way of Thinking.	28 th September to 2 nd October 2020	
2020	Three Webinar on i)Electrical Services in Buildings, ii) HVAC Services in Buildings iii) Fire Fighting Services in Buildings.	27 th September 2020 11 th October 2020 18 th October 2020	
2020	Three Days Online International Tribology Research Symposium.	5 th - 7 th November, 2020.	
2020	STC on Introduction of CFD Problems on Fluid Flow and Heat Transfer.	23 rd November to 27 th November, 2020	

2020	International Conference on Mathematical Sciences and Computational Intelligence.	21 st to 22 nd Dec,2020
2020	International Webinar on "Indian Epistemology: A Contemporary Perspective."	27 th December 2020
2021	Webinar on Rheology.	20 th January, 2021
2021	Organizing National Training Programme for IFS officer on Embedding Positivity at Workplace.	14 th to 15 th January, 2021
2021	Workshop on Quantitative Data Analysis in collaboration with STATCRAFT.	1 st to 5 th February,2021
2021	International Women Day on theme Gender Equity: Theory and Praxis.	8 th March, 2021
2021	Organizing National Training Programme for IFS officer on Enhancing Managerial Effectiveness.	8 th to 12 th March 2021
2021	Webinar on Role of Teachers in National Education Policy.	10 th March,2021
2021	AICTE - ISTE sponsored online Induction or Refresher Program - Sustainable Product Design and Manufacturing.	18 th to 24 th March 2021
2021	World Water Day with theme Valuing Water.	22 nd March 2021
2021	Online session on Process Design & Development (Orientation session for all students & faculties of Institute by Innovation Ambassador) by IIC.	25 th March 2021
2021	National workshop on Business Model Canvas (BMC).	29 th March,2021
2021	National workshop on Intellectual Property Right and IP Management for startup.	30 th March,2021
2021	Regional Workshop on Open Roads.	29 th March to 4 th April ,2021
2021	World Environment Day under Azadi Ka Amrit Mahotsav.	5 th June 2021
2021	Anti Child Labour Day under Azadi Ka Amrit Mahotsav.	12 th June,2021
2021	Webinar on Career Options and Opportunities for Electronics Graduates.	11 th June 2021
2021	Webinar on Energy Efficiency in transmission systems.	25 th June 2021



NETWORK CENTRE

Since the University's initial setting up of campus-wide network in 2005, active users of the network facilities have increased many folds and the network-based applications have increased phenomenally. This is a welcome change in the university's academic environment. This has prompted the University administration to rapidly increase the network facilities to all the sections of the university community. Network Centre has been given the responsibility of running the university's Intranet & amp; Internet services. SMVD University Network (UnivNet) connects all buildings across campus including all Academic blocks, Hostels, Administrative Offices, Auditorium, VC Residence, Central Workshop, Medical Aid Centre, Guesthouse, faculty and staff residences. With the growth of users, IT services and increasing internet bandwidth demand, the university has scaled up the switching capabilities and implemented latest managed wired and Wi-Fi access. The network and internet services of the SMVD UnivNet are backed by Layer 3 Core Switch from Cisco, HP & Huawei - 258 Nos. Layer 2 distribution Switches, Sophos Firewalls used for Security, Central Authentication Gateway and Network Management System. Uninterrupted Internet services have been provided in SMVDU campus from 1 Gbps Internet leased line link from BSNL under NMEICT. With the endeavor of Network Centre team, SMVDU is part of NKN (National Knowledge Network) connecting all Universities in India including IIT, IISc, NIT, etc. Application servers for various Schools have been created to provide seamless access to network licensed packages like AutoCAD, Ansys, Prowess CMIE, Capitaline NEO, NetSim etc. Wif-Fi service has been implemented across the campus in the last few years and currently more than 300 Wi-Fi Access points provide seamless internet connectivity in the entire campus. The backbone was changed over fully to OFC covering the complete campus including Hostels. MOODLE Learning Management System has been implemented for use by all students, staff and faculty. Network Centre houses 18 Dell/Sun/IBM servers providing: - 1.Network services like DHCP, DNS, Primary Domain controller, Windows Deployment Service.



TELECOMMUNICATION SECTION

To facilitate the Telecommunication needs of the SMVDU, University had installed latest 4000 V2.0E simplex IP ready Siemens communication server. Through, 576 Analog Extension's (Expandable up to 1392 Extensions), 24 Digital Extensions, 32 trunk lines with CLIP facility on each extension along with 10 JIO numbers with wi-fi (voice and Data) and Toll free number facility for communication needs. Locking/unlocking, DND, calls Pickup, Call forwarding, Polarity Reversal; add on conference (3-Party), the EPBAX system is providing 24x7 telecommunication services in SMVDU campus. The voice mail is also operational in the system which enables the outsiders to reach any extension with out any help from operator. We have the latest call billing software which keeps the record of all outgoing calls.All academic Blocks, Administrative building, Central Library, Medical Centre, Essential service offices, All Hostels, Campus, University Entrance, residential complex and external services



like Bank, Post office, etc. are connected with our EPABX system through underground cable. This Underground telephone cable is laid in the entire campus to provide the EPABX Extension and BSNL land-line numbers anywhere in the campus as per need. The upgraded BSNL ISDN (Integrated Service Digital network), 512 line telephone exchange and a mobile tower are installed in the SMVDU campus for explicitly for the university current and potential requirements. This exchange has provided the lease line to various banks in the campus as well as out side the campus. The villagers in the adjoining areas are also taking the advantages of fault free Telecommunication service. Fourteen direct BSNL Landline connections, Six BSNL GSM and Two Airtel GSM are connected with our EPABX system for round the clock communication links from all extensions. Fifteen BSNL Landline connections are provided to various officers/ offices with Tele-Fax Facility. SMVDU Telecommunication section have recently installed and integrated state of art, two 04 Channel 3G enabled GSM Fixed cellular terminal gateway with our EPABX system for continual communication services to all stockholders of SMVDU. The Telecommunication section with two highly trained technical staff provides 24x7, fault free services in SMVDU campus. Beside this, the section also provides a one roof, one stop solution for communication needs of all members of SMVDU family by Organizing "SIM MELA", a unique interface between all service providers of JK and SMVDU members. The campus is covered under 4 G services from JIO and process for WI-fi from the direct fiber is in process. The telecommunication section is committed to serve the SMVDU and its members with latest technology and services as per the international standards in future also. The section aims to maintain high standards of QoS.

TRAINING AND PLACEMENT CELL



Shri Mata Vaishno Devi University has established a Training & Placement cell consisting of Student Coordinators, Faculty coordinators, T&P Officer and staff members. The Training & Placement Cell assists in Summer Training and Campus Placements for the graduating students at SMVDU. Training & Placement Officials and the Volunteers provide possible assistance to the recruiters for Pre-placement Discussions, conducting Tests & Interviews and Hospitality of the Campus hiring Team. The Hospitality and the functioning of the Placement Cell at SMVDU is applauded and well received by the visiting recruiters every year.



Mahindra Campus Recruitement Drive



Student Receivivg Campus Offer Letter of Berger Paints India Ltd.

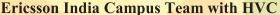




Online Interview- In Process

Campus Recruitment Team of IFB Ltd.



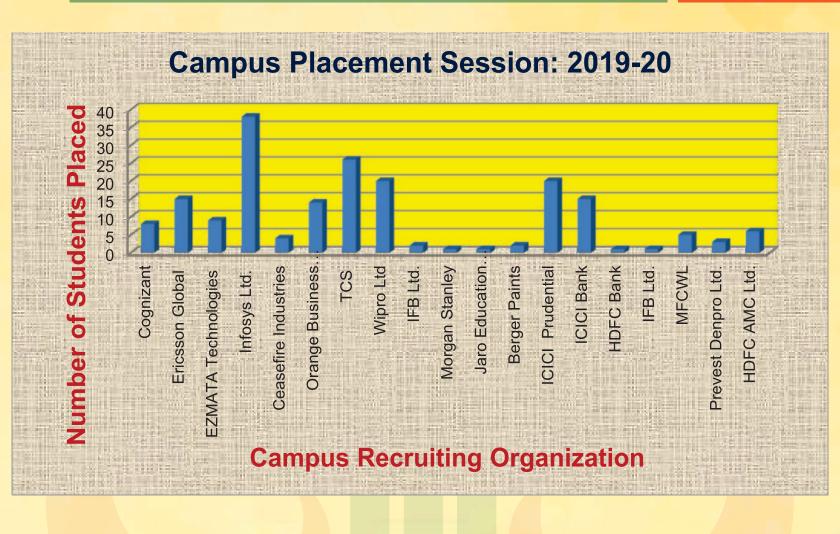




Vice President from Bosch with Student

SMVDU offers following facilities to the recruiters:

- 1. Lodging and Boarding facility to the Campus recruitment team.
- 2. Local Transportation from Jammu Airport/ Railway station and for sightseeing.
- 3. University Infrastructure:
 - State-of- art auditorium "Matrika" of 1000 audience capacity.
 - Seminar Hall "Sanskriti Kaksh" of 300 sitting Capacity
 - Four Special Lecture Theaters each having sitting capacity of 150 persons.
 - 20 Class rooms each having sitting capacity of 60 students to conduct written test in case of pool campus drives.
 - Air-conditioned GD/ Conference rooms/ Interview rooms.
- 4. Facilitation for "Maa Vaishno Darshan".
- 5. Complete facilities for Virtual campus Drives.





MEDICAL AID CENTRE

Facilities/Staff at Medical Aid Centre, SMVDU:

- **1.** Good health care facilities are pre-requisite for any residential campus and Shri Mata Vaishno Devi University has a reasonably adequate Medical Aid Centre which is providing services to all the employees and students of the University.
- 2. The Medical Aid centre extends facilities for the health care to the residents; services are also extended to all the inhabitants of the nearby villages, CRPF camp personals and DPS students.
- 3. The details of employees/staff of the Medical Aid Centre are:-

S.No.	Name	Designation		
1.	Dr. Pallav Sharma	Medical Officer (on leave)		
2.	Dr. Anju Sharma	I/C Medical Officer		
3.	Dr. Neha Sethi	Dentist (Thrice a week-Tue, Thu, and Sat)		
4.	Dr. Gurpreet Soodan	Physiotherapist (All working days)		
5.	Ms. Amanpreet Kour	Educational Psychologist/Counselor(Thrice a week-		
		Mon, Tue, Wed)		
6.	Mr. Vijay Kumar	Laboratory Assistant (Pathology)		
7.	Mr.Vinod Kumar	Pharmacist		
8.	Mr. Manish Kumar	Pharmacist		
9.	Ms. Basanti Kumari	Staff Nurse		
10.	Ms. Shilpa Sharma	Staff Nurse		
11.	Mr. Surinder Singh	Jr. Assistant		
12.	Mr. Jaswant Singh	Driver		
13.	Mr. Sohan Lal	Helper		
14.	Mr.Darshan Lal	Helper		
15.	Mrs. Raj Devi	Sweeper		

Facilities

- 1. OPD Level Treatment: OPD services are available to all the inhabitants of the University, nearby villages, CRPF camp personals and DPS students.
- 2. Emergency services: Emergency services are available round the clock.
- 3. Medicines dispensed free of cost among students.
- 4. ENT Section

ENT services are available on all working days of University.

5. Clinical Laboratory

- 6. Physiotherapy Unit
- 7. Psychologist / Counsellor Section
- 8. Dental Section
- 9. Ambulance Services

10. Referral

Referral to Shri Mata Vaishno Devi Narayana Superspeciality Hospital, Kakryal, Government Medical College, Jammu, ASCOMS Sidhra, and CHC Katra in extreme cases.

11. Pharmacy

A well stocked and 24 hours open Pharmacy is situated at Medical Aid Centre w.e.f January 4th 2016.

12. Ward

Separate wards for male and female indoor patients.

- **13. Medical Reimbursement**: Medical Reimbursement facilities of OPD & IPD patients as per SMVDU reimbursement policy.
- 14. Awareness Camp /AIDS & Hepatitis Lecture: Awareness Camp /AIDS & Hepatitis Lecture were organized in collaboration with SMVDNSSH experts.

15. Immunization

Polio and Under Routine immunization Scheme a team of qualified personals of Health Department visit the campus to provide free of cost immunization

Equipments & Their use:-

Dental Chair with X-ray facilities -Dental treatment- Scaling, GIC filling, Composite filling, Curettage, Flap Surgery, Gingevectomy, Excision, Splinting, Incision/Drainage, Extraction and RCT

Different Machines in Physiotherapy department:- SWD, TENS/IFT, US, Muscle Stimulator, Wax Therapy, Hydrotherapy, Exercises for Orthopedics and Neurological conditions.

Different equipments in Laboratory:- For clinical tests routine blood / urine/ stool Semi biochemistry auto analyser (ERBA Chem--7)

Different procedures of ENT:-B/L syringing, Ankyloglossia release, Fracture reduction of nasal bone, lobule stitches B/S, Excision drainage (abscess/pseudo cyst drain), foreign body removal (Ear and Nose), Intralesional injection (Oral/ Palate), Anterior Nasal Packing and biopsy, conducted by I/C Medical Officer, Dr. Anju Sharma (MS. ENT) and team.

Equipments in dressing room: - Autoclave/sterilizer

OPD RECORDS AT MAC

During the period w.e.f. 1st July 2019 to 30th June 2020 total numbers of patients seen in OPD is 8725 in which Dental OPD are about 40-50 per month approximately, Physiotherapy OPD are about 70-80 per month approximately, Counselor OPD are about 9-10 per month approximately and ENT OPD are about 80-90 patients per month approximately.



वज्ञानं ब्रह्म

TECHNOLOGY BUSINESS INCUBATION CENTRE

- 1. A workshop on "High Performance Computation Servers" was organized by SMVDU

 TBIC in which trainer from Dell Inc held a 2-day interactive session cum training on its

 working and demonstrated the same to the students.
- 2. SMVDU students participated in MHRD IIC's Proof of concept competition and attended their regional mentoring session in PEC Chandigarh.
- 3. SMVDU TBIC in association with Indian Army celebrated Kargil Diwas at SMVDU in which Brid Udai Jawa interacted with students and faculty and shared the stories of valour and strength of Indian Army during Kargil war.
- 4. Dr. Swarkar Sharma, CEO TBIC visited ISBACON 2019, National conference in Kottayam Kerela. Professionals involved in promoting innovation, entrepreneurship and research attended the conference and brainstormed on various topics like Incubation Support, Product Development, Idea support etc.

Shri Mata Vaishno Devi University Technology Business Incubation Centre (SMVDU-TBIC) in association with Counter Insurgency Force (Uniform), under the aegis of White Knight Corps and Techstars organized Startup Weekend from 20th - 22nd September 2019 at Shri Mata Vaishno Devi University, Katra, J&K. The immersive weekend-long event focused on action, innovation, education and discovery as participants were challenged to build a business in 54 hours. The Startup weekend at SMVDU began on Friday, September 20th, when participants pitched for their ideas on potential new products and services. Teams were organically formed around topics of interest and — with the feedback and support from seasoned mentors and coaches. The teams worked round-the-clock to develop a prototype of a minimum viable product. On Sunday, September 22nd, each team had five minutes to present their idea to judges. Top three ideas were selected and awarded with rewards and recognitions.

TBIC conducted TBIC hackathon starting 2nd December and the entries selected at college level were recommended to Smart India Hackathon 2020, an initiative by GoI. A total of 15 teams comprising 6 members each participated and screened for their unique solutions. seven were given college recommendation letter for participate in next rounds of hackathon.

SMVDU TBIC established NIDHI Prayas Centre- a first is the UT of JK to facilitate aspiring innovators from hardware related unique ideas.

SMVDU TBIC joined hands with Startup India as National Incubation Partner for their initiative "WING – Woman Rise Together"

One day awareness camp conducted by DIC Jammu and CEO SMVDU TBIC and Manager SMVDU TBIC interacted with students on various topic related to entrepreneurship.

Vice Chancellor, Shri Mata Vaishno Devi University, Katra Prof. R.K. Sinha chaired the 7th Managing council meeting of SMVDU Technology Business incubation Centre held at SMVDU campus, Katra on 14th February 2020.

Launched Biothon 2020- an innovation challenge catering to biology and related fields. This event will attract ideas/solutions from all over the country to problems related with biology sector which require technical interventions. Ideas related to global issues prevailing currently in the sectors like agri-business, waste management, energy management etc will also be considered in this hackathon.

First Session of RISE with SMVDU TBIC. SMVDU TBIC is running RISE which is Research and Innovation for Social Empowerment with SMVDU TBIC every alternate Friday @ 11 am. In this initiative, we share information related to endeavors of SMVDU TBIC, current market trends, important topics in entrepreneurship and information related to queries received by SMVDU TBIC. Anyone can join this session by visiting our facebook page Manager TBIC enrolled and shortlisted for Incubator Edge Program by Start-up India. Biorac meet and session by CEO TBIC on emerging trends in Biology sector RISE Session on Covid-19 economic package

Launch of 100 startups JK by HVC, SMVDU, In this initiative by SMVDU TBIC, JK StartUp Association is participating as ecosystem partner in the region, and this endeavour is powered by mentors and supporters like Startup Buddy, Indian STEP & Business Incubator Association (ISBA), We Group, K&S Partners, Adsatra IP, Boudhik Ventures and "Institution Innovation Council" (IIC) SMVDU. to achieve the goal, continuous screening and acceptance of ideas will be adapted. The shortlisted ideas will be facilitated by SMVDU TBIC and partner organizations in various domains.workshop on IP basics in association with BRIC – a BIRAC IKP initiative a Prelim screening for potential incubatees of SMVDU TBIC was held and unique ideas were shortlisted for 3 schemes - Fast Incubation, Virtual Incubation and Incubation with SMVDU TBIC.

NIDHI PRAYAS Webinar

Workshop on Business Plan and its importance for start-ups with Start-up Buddy conducted and more than 50 students across the region participated.

Workshop on the importance of Financial Discipline/Processes and relevant Costing
Framework by Ankur Goel (TBD)

Photographs in Support of Annual Report:



Workshop on "High Performance Computation Servers"



Kargil Diwas at SMVDU



ISBACON 2019



Visit to DIC Jammu by SMVDU TBIC



Smart India Hackathon 2020



7th Managing council meeting of SMVDU Technology Business incubation Centre held at SMVDU campus, Katra.



Biothon 2020







Launch of 100 startups JK by HVC, SMVDU

Workshop on IP basics in association with BIRAC

Workshop on Business Plan and its importance for start-ups with Start-up Buddy



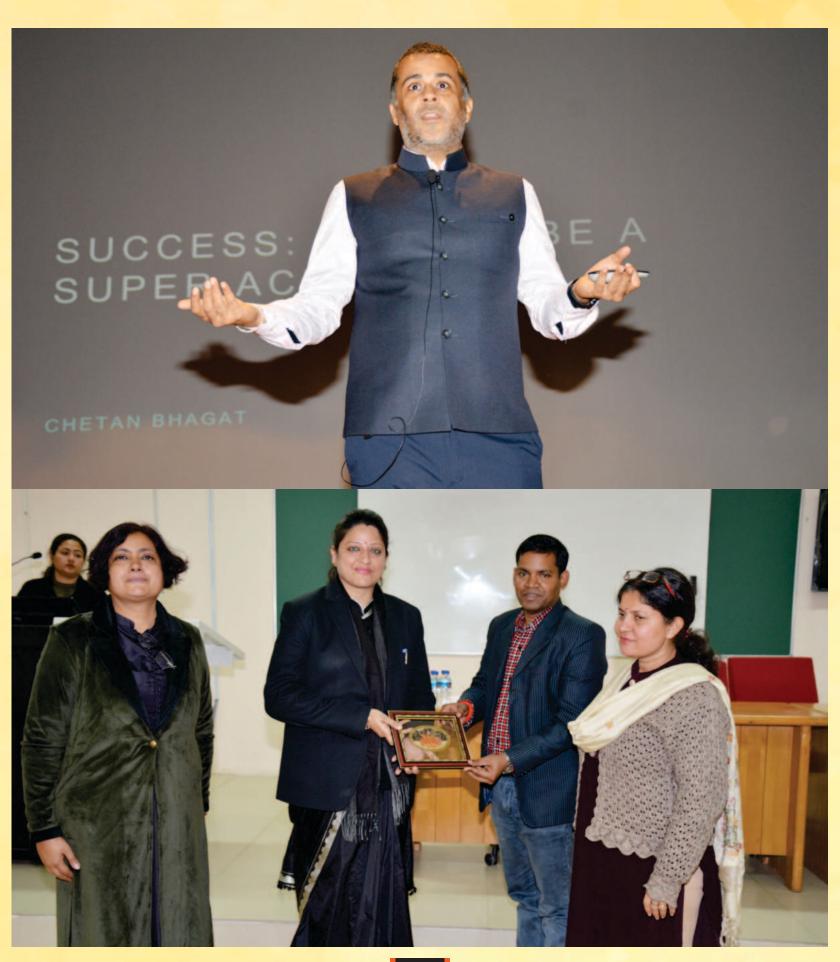
Workshop on the importance of Financial Discipline/Processes
& relevant Costing Framework



Workshop on the importance of Financial Discipline/Processes & relevant Costing Framework









SHRI MATA VAISHNO DEVI UNIVERSITY KATRA, J&K

