

Introduction of the University

An Overview of the University

In the year 2019, Shri Mata Vaishno Devi University successfully completes fifteen 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 sixteenth 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 within 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: MBA, M.Sc.(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, Industrial Biotechnology and B. Architecture, Civil & Electrical Engineering. 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.

Photo Album-II

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 th 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	Helipad	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 Rooms	Four specially designed seminar rooms with 200 seating capacity for special lectures, seminars & other interactive sessions.
7	Non-Academic Cells/Centres	Telecommunication Section	<p>To facilitate the Telecommunication needs of the SMVDU, University had installed latest 4000 V2.0E simplex IP ready Siemens communication server.</p> <p>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</p> <p>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.</p> <p>All academic Blocks, Administrative building,</p>

			<p>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.</p> <p>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.</p> <p>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.</p> <p>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</p> <p>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.</p>
		Network Centre	<p>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.</p> <p>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.</p>

		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.
		Gender Sensitization Committee against Sexual Harassment Cell	Gender sensitization and orientation crisis management and mediation formal enquiry and readdressing.
		Hindi Cell	Promoting Hindi on Campus.
8	Number of Faculties	Five	Faculty of Engineering Faculty of Humanities & Social Sciences Faculty of Management Faculty of Sciences Faculty of Nursing
9	Number of Schools	Fifteen	School of Architecture & Landscape Design School of Biotechnology School of Business School of Economics School of Languages & Literature School of Mathematics School of Mechanical Engineering School of Philosophy & Culture School of Physics School of Computer Science Engineering School of Civil Engineering School of Electrical Engineering School of Energy Management School of Electronics & Communication Engineering
	Affiliated College	One	Shri Mata Vaishno Devi University College of Nursing
10	Total No. of Faculty Members	119	In various Schools
11	Total No. of Staff Members	184	In various Schools and Sections.
12	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.
13	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	
14	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
15	Others		TBIC - Technology Business Incubation Center TEQIP-Phase -III DQA - Directorate of Quality Assurance UBA- Unnat Bharat Abhiyan EBSB- Ek Bharat Shreshtha Bharat IIC- Institution's Innovation Council	

MILESTONES SINCE ITS INCEPTION

S. No.	Date	Event
1	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
2	June, 2020	As per e-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.
3	December, 2019	7 th Convocation addressed by H.E. Sh. Satya Pal Malik Hon'ble Governor, J&K & Chancellor.
4	August, 2019	Padam Shri Prof. R.K. Sinha took over as the Sixth Vice Chancellor of the University on 6 th August 2019.
5	February, 2019	Foundation Stone of Indoor Sport Complex laid by Dr. Sanjeev Jain, Former Vice Chancellor, SMVD University.
6	February, 2019	Foundation Stone of Accommodation for Married Scholars laid by Dr. Sanjeev Jain, Former Vice-Chancellor, SMVD University.
7	February, 2019	Inauguration of Shivalik Hostel Block-B by Hon'ble Member Dr. Jatiendra, MoS (PM Office), in presence of the Vice -Chancellor, SMVD University.
8	February, 2019	Foundation Stone of New Academic Block laid by Dr . Sanjeev Jain, Former Vice-Chancellor, SMVD University.
9	August, 2019	MoU signed between SMVDU and National Institute of Solar Energy (NISE).
10	June, 2019	MoU signed between SMVDU and The Institute of Public Enterprises (IPE).
11	May, 2019	MoU signed between SMVDU and Institution for Innovation, Industrial Engineering and Entrepreneurship(IIIEE).
12	January, 2019	MoU signed between SMVDU and the University of Cambridge, UK & Indian Institute of Science Education and Research Kolkata, India.
13	January, 2019	MoU signed between SMVDU and Jawaharlal Nehru Technological University(JNTU).
14	December, 2018	MoU signed between SMVDU and Chaudhary Ranbir Singh

		University.
15	December, 2018	MoU signed between SMVDU and IIT Jammu.
16	October, 2018	MoU signed between SMVDU and TES Global Ltd., London.
17	July, 2018	MoU signed between Indira Gandhi National Centre for the Arts (IGNCA) and SMVDU.
18	July, 2018	MoU signed between SMVDU and Direct Admission of Students Aboard (DASA).
19	June, 2018	MoU signed between SMVDU and Centralized Counseling for M. Tech (CCMT).
20	April, 2018	Sixth Convocation addressed by Sh. Ram Nath Kovind, Hon'ble President of India.
21	January, 2018	MoU Signed between the Department of Wildlife Protection, J & K Govt. and SMVDU.
22	October, 2017	Inauguration of the Boys Hostel Basoli Block (C & D) by Sh. N.N. Vohra, Former Governor, J&K & Chancellor, SMVD University.
23	October, 2017	MoU signed between SMVDU & Haryana Vishwakarma Skill University.
24	June, 2017	MoU signed between Semi-Conductor Laboratory (SCL), Chandigarh and SMVDU.
25	May, 2017	MoU signed between Gujarat Forensic Science University and SMVDU.
26	June, 2016	MoU signed between NBCC (India) Ltd. & SMVD University.
27	April, 2016	Fifth Convocation addressed by Sh. Narendra Modi, Hon'ble Prime Minister of India.
28	March, 2016	Dr. Sanjeev Jain took over as the fifth Vice-Chancellor of the University on 17 th February 2016.
29	September, 2015	Foundation Day of SMVDU.
30	August, 2015	Decade of existence & excellence.
31	March, 2015	MoU signed between IIM, Jammu and SMVDU.
32	August, 2014	Inauguration of Hostels (Basoli & Vaishnavi) by Sh. N. N. Vohra,

		Former Governor, J&K & Chancellor, SMVD University.
33	February, 2014	Fourth Convocation addressed by Sh. Hamid Ansari, Former Vice-President of India.
34	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.
35	February, 2013	Prof. Sudhir K. Jain took over as fourth Vice-Chancellor of the University on 15 th February 2013.
36	November, 2012	Third Convocation addressed by H.E. Smt. Pratibha Devi Singh Patil, the former President of India.
37	September, 2011	MoU signed with Micro Small Medium Enterprise Development Institute, Jammu.
38	September, 2011	Initiation of Student Merit-Cum-Means Scholarship Scheme.
39	March, 2011	The Foundation Stone of Residential Block laid by Hon'ble Sh. N.N. Vohra, Former Governor J&K & Chancellor SMVD University.
40	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.
41	August, 2010	MoU signed with IIM, Jammu.
42	August, 2010	Setting up of School of Biology & Chemistry.
43	July, 2010	Setting up of the School of Innovation & Community Development.
44	March, 2010	TCS Accreditation for campus recruitment of students.
45	January, 2010	Prof. R. N. K. Bamezai took over as third Vice-Chancellor of university on 22 nd October 2010.
46	December, 2009	Sanctioning of grant-in-aid under XI Plan by UGC of 10 crores (approx.) to the university.
47	December, 2009	Inauguration of Central Library by Sh. N.N. Vohra, Former Governor, J&K & Chancellor, SMVD University.

48	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.
49	November, 2009	Second Convocation addressed by Sh. N. R. Naraynan Murthy, Chairman Infosys.
50	June, 2009	12(B) Status accorded to university by University Grants Commission.
51	June, 2009	Building of Central Workshop Inaugurated by Jenab Omar Abdullah, Former Chief Minister, J&K.
52	April, 2009	MoU signed with Thapar University, Patiala.
53	March, 2009	MoU signed with Kurukshetra University.
54	March, 2009	Nilgiri Boys Hostel inaugurated by Hon'ble Sh. N.N. Vohra, Governor, J&K & Chancellor, SMVD University.
55	November, 2008	MoU signed with Prathista Industries Ltd. Hyderabad.
56	October, 2008	Inauguration of New Academic Block by Sh. N. N. Vohra, Former Governor J&K, & Chancellor, SMVDU.
57	August, 2008	Setting up of School of Physics.
58	August, 2008	Setting up of School of Mathematics.
59	April, 2008	First Convocation addressed by Dr. Manmohan Singh, Former Prime Minister of India.
60	March, 2008	Inauguration of MATRIKA Auditorium by Hon'ble Lt. Gen. (Retd.) S. K. Sinha, PVSM, Former Governor of J&K & Chancellor, SMVDU.
61	January, 2008	Inauguration of Vaishnavi Hostel by Hon'ble Lt. Gen. (Retd.) S. K. Sinha PVSM, Former Governor of J&K & Chancellor SMVDU.
62	August, 2007	MoU signed with State Forest Research Institute, Jammu & Kashmir for joint Research on Bamboo under the National Bamboo Mission.
63	August, 2007	MoU signed with Micro, Small & Medium Enterprise (MSME) Development Institute Jammu to create Business Skill Development Programme.
64	July, 2007	MoU signed with Ruhr University, Bochum Germany.

65	March, 2007	MoU signed with Kun Shan University Taiwan, Taiwan.
66	January, 2007	Setting up of School of Architecture & Landscape Design.
67	December, 2006	MoU signed with Red Hat India Pvt. Ltd. Delhi.
68	October, 2006	Inauguration of Shivalik Hostel by Gulchan Singh Charak, Former Minister, PWD, J&K.
69	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.
70	May, 2006	MoU signed with Orel State Technical University, Orel Russia.
71	May, 2006	AICTE approval for running all engineering courses which are ECSE, ECE, EME and EBT.
72	May, 2006	Passing out of the First batch of students (2004-2007).
73	March, 2006	Inauguration of College of Sciences by Jenab Ghulam Nabi Azad, Former Chief Minister, J&K.
74	March, 2006	Inauguration of Kailash Boys Hostel by Jenab Ghulam Nabi Azad, Former Chief Minister, J&K.
75	June, 2006	Council of Architecture approval to set up School of Architecture & Landscape Design.
76	March, 2005	MoU signed with Regional Research Laboratory, Jammu.
77	April, 2005	MoU signed with Aachen University of Applied Sciences, Germany for student and faculty exchange and joint research
78	May, 2005	Inauguration of College of Management by Hon'ble Lt. Gen. (Retd.) S. K. Sinha, PVSM, Former Governor of J&K & Chancellor, SMVDU.
79	July, 2005	Inauguration of Trikuta Boys Hostel by Prof. N. K. Bansal, former Vice-Chancellor, SMVDU.
80	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.
81	August, 2005	MoU signed with IIT, Delhi.
82	August, 2005	Setting up of Central Workshop.

83	August, 2005	Adaptation of Academic Pattern of IITs.
84	August, 2005	Setting up of School of Biotechnology.
85	October, 2005	Setting up of School of Languages and Literature.
86	August, 2004	Inauguration of College of Engineering by Dr. A.P.J Abdul Kalam, the former President of India.
87	August, 2004	Setting up of the School of Business, College of Management.
88	August, 2004	Inauguration of the university by Dr. A.P.J Abdul Kalam, the former President of India.
89	November, 2004	Prof. N. K. Bansal took over as the second Vice-Chancellor of university on 15 th November 2004.
90	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	2	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	Prof. Talat Ahmad Vice Chancellor University of Kashmir	6	Prof. A.K.Bakhshi Vice Chancellor PDM University Bahadurgarh, Haryana
7	Prof. Raghunath K. Shevagaonkar Vice Chancellor Bennett University	8	Prof. D. Mukhopadhyay Dean, Faculty of Management SMVD University
9	Dr. Yugal Khajuria Dean of Students Welfare SMVD University	10	Prof. M.Eswaramoorthy Dean, Faculty of Engineering SMVD University
11	Sh. Umang Narula, IAS Principal Secretary to Governor J&K	12	Sh. Simrandeep Singh, IAS, Chief Executive Officer SMVDSB
13	Prof. V. K. Bhat Registrar 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. D. Mukhopadhyay, Dean, Faculty of Management & Dean, Faculty of Humanities & Social Sciences (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. Yugal Khajuria Dean of Students Welfare (Member)	16	Dr. Sumeet Gupta Dean (Academic Affairs) (Member)
17	Dr. Rakesh Kumar Jha Dean (Research & Development) (Member)	18	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)	22	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. Amitabh Vikram Dwivedi 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)		

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.
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			(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. Eswaremoorthy 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)	4	Shri Shadi Lal Pandita, K.A.S Director Codes, Finance Deptt., Govt. of J&K. (Member)
5	Er. Shakti Sagar Superintending Engineer PWD (R&B), Udhampur- Reasi Circle Representative of CPWD or PWD undertaking not below the rank of Superintending Engineering (SE of the area)	5	Mr. Neeraj Gupta, K.A.S. Finance Officer, SMVDU Representative of Finance Officer, SMVDU
7	Prof. Eswaramoorthy Muthusamy Professor, SoME (Member)	8	Dr. Rajeev Garg Head, SoALD SMVDU (Member)
9	Ar. Aditya Kumar Singh Associate Professor, SoALD (Professor I/c Estate & Works)	10	Er. Kamal Sharma University Engineer SMVDU (Member-Secretary)

Academic Faculties and Schools of Study

FACULTY OF ENGINEERING

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

1. Name of the School: COMPUTER SCIENCE AND ENGINEERING

2. Faculty Profile:

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. Bajj Nath Kaushik	Associate Professor	Ph.D., M.Tech., B.E.	Machine Learning, Soft Computing, Nature Inspired Algorithms, Parallel Algorithms, Pattern Recognition
3.	Dr. Ajay Kaul	Associate Professor	Ph.D., M.Tech., B. E.	Ad-hoc Networks, Image Processing
4.	Mr. Manoj Kumar Verma	Assistant Professor	PhD (submitted), M. Tech., B. Tech., GATE, NET	Computer Science & Engg.
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.	Computer Network Management & Expert System, Mobile Adhoc Network.
9.	Ms. Pooja Sharma	Assistant Professor	Ph.D. (Submitted), B.E.	Adhoc Network, Compiler, Software

				Engineering.
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
12.	Mr. Anuj Mahajan	Assistant Professor	M.Tech	Machine Learning
13.	Mr. Sudesh Kumar	Assistant Professor	Ph.D. (Pursuing), M.E., B.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	

3. Programmes Offered & Enrollment (2019-2020):

B.Tech.	M.Tech.
90	18

4. Details of B.Tech. Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
B.Tech.	77	11	88

5. Details of M.Tech./M.Sc./M.A Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
M.Tech.	7	10	17

6. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	1	4	5

Awarded 2019-20	3	0	3
Total Presently under Supervision	7	20	27

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020:

Sl. 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.	Deep Learning and Machine Learning Applications using Python, 6-10 January, 2020	Convolution Neural Network for Image Processing	EICT, IIT Roorkee	Dr. Badri Subudhi, IIT Jammu	National
2.	Deep Learning and Machine Learning Applications using Python, 6-10 January, 2020	Convolution Neural Network for Image Processing	EICT, IIT Roorkee	Dr. Arvind Selwal, Central University Jammu	National
3.	Delivered a Lecture on Image Processing, 25 November, 2019	Image Processing	Yoganand College of Engineering and Technology Jammu	Dr. Ajay Koul	National
4.	Delivered invited lectures (02 days special lecture series), 5 th & 6 th September 2019	Machine Learning	Government Polytechnic College (Bikram Chowk, Jammu)	Anuj Mahajan	Affiliated College of Jammu University (State level)
5.	Deep Learning and FDP on Machine Learning Applications using Python, 6-10 January, 2020	Machine Learning: Applications of Naïve Bayes, decision Tree,	EICT, IIT Roorkee	Dr. Bajjnath Kaushik (Resource Person /Invited Speaker for five day session)	National (within the country)/ State/University

		Random Forest, Linear and Logistic Regression and Deep Learning			
6.	Webinar on Emerging research Areas in Computer Science and Engineering, 28th May, 2020	Applications of Deep Learning and Machine Learning	Baba Ghulam Shah University, rajouri	Dr. Baijnath Kaushik (Invited Speaker)	National (within the University)
7.	FDP on Internet of Things, 17 October, 2019	Use of IoT in Internet of Vehicles: Security Issues, Application and Solutions	Central University Jammu	Dr. Baijnath Kaushik (Invited Speaker)	National (within the University)

8. Degree Awardees Nos. (2019-2020):

B.Tech : Result not declared yet

M.Tech : Result not declared yet

M.Sc. : NA

Ph.D. : 03

Information of Ph.D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.
1.	Sparsh Sharma	Ajay Koul	14dcs001
2.	Jasvinder Pal Singh	Prof. Sanjeev Jain, Dr. Sakshi Arora, Dr. Uday Pratap Singh	16DCS001
3.	Siddharth Singh Chouhan	Dr. Ajay kaul, Dr. Uday Pratap Singh	16DCS006

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl. 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.	Automatic Estimation of Slope, Angle, and Elevation of roads via Artificial Intelligence	Minor	MHRD	5.25 Lakhs	Co-Investigator	18 th June 2019 Till date	NPIU
2.	Automatic monitoring of plants based on leaf segmentation	-	UGC	INR 10 Lakhs	Investigator	07.06.2018 06.06.2020	UGC Sponsored

9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National
1.	Method and system for generating a three-dimensional (3D) framework of an object (Dr. Abhishek Gupta)	App. No.: 202011024270 Year: 2020	National

9.3 Research Publications (with full details in below format) for 2019-2020:

For book:

Sl. 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.				
2.				

For chapters in a book (2019-2020):

Sl. 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.	Suicidal Tendency on Social Media by Using Text Mining Gupta P., Kaushik B., Sunanda	Communications in Computer and Information Science, vol 1206. Springer, Singapore	Pradeep Kumar Singh Sanjay Sood Yugal Kumar Marcin Paprzycki Anton Pljonkin Wei-Chiang Hong	International	978-981-15-4451-4 2020
2.	A Statistical Analysis on KDD Cup'99 Dataset for the Network Intrusion Detection System Kumar S., Sunanda, Arora S.	Lecture Notes in Networks and Systems	Sabu M. Thampi Elizabeth Sherly Soura Dasgupta Jaime Lloret Mauri Jemal H. Abawajy	International	978-981-15-3851-3 2020

			Evgeny Khorov		
			Jimson Mathew		

For paper (2019-2020):

Sl. 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. Shikha Magotra 2. Baijnath Kaushik 3. Ajay kaul (No)	A Comparative analysis for identification and classification of text segmentation challenges in Takri Script	Sadhana, Indian Academy of Sciences, springer, ISSN: 0256-2499	Vol:45, Issue:146, 146-166, 2020	Science Citation Index Expanded
2.	1. Priyanka Gupta 2. Baijnath Kaushik 3. Sunanda Gupta (No)	Suicidal Tendency on Social Media by Using Text Mining	Futuristic Trends in Networks and Computing Technologies, Book Series by Communications in Computer and Information Science, Springer, ISSN: 1865-0929	2020, pp. 256-263	Scopus
3.	1. Shikha Magotra 2. Baijnath Kaushik 3. Ajay kaul (No)	A Database for Printed Takri Class of North-West Indian Regional	Futuristic Trends in Networks and Computing Technologies, Book	Year: 2020, pp. 508-520	Scopus

		Scripts	Series by Communications in Computer and Information Science, Springer, ISSN: 1865-0929		
4.	1. Akshma Chadha 2. Baijnath Kaushik (No)	Suicidal Ideation from the Perspective of Social and Opinion Mining	Book Series by Lecture Notes in Electrical Engineering, Springer, ISSN: 1876-1100	Year: 2020, pp. <u>559-570</u>	Scopus
5.	1. Akshma Chadha 2. Baijnath Kaushik (No)	A Survey on Prediction of Suicidal Ideation Using Machine and Ensemble Learning	The Computer Journal, Oxford University Press, ISSN 1460-2067	Year: Nov. 2019, pp.1-16	Science Citation Index Expanded
6.	1. Surbhi Sharma 2. Baijnath Kaushik	A Survey on Internet of Vehicles: Applications, Security Issues and Solutions	Vehicular Communication, ISSN: 2214-2096	Year: <u>July, 2020</u> , pp. 1-44	Science Citation Index
7.	1. Zehra Afzal 2. Manoj Kumar (No)	Security of Vehicular Ad-Hoc Networks (VANET): A survey	Journal of Physics: Conference Series	1427, 2020, 1-9	SCOPUS
8.	1. Bakshi 2. Aditya 3. Sunanda Gupta 4. Akhil Gupta 5. Sudeep Tanwar 6. Kuei-Fang Hsiao (No)	3T-FASDM: Linear discriminant analysis-based three-tier face anti-spoofing detection model using support vector machine	International Journal of Communication Systems Wiley Online	2020 Apr 27:e4441.	SCIE
9.	1. Navleen Kour 2. Sunanda Gupta 3. Sakshi Arora (No)	A Survey of Knee Osteoarthritis Assessment Based on Gait	Archives of Computational Methods in Engineering Springer	Jan 20, Pages 1-41	SCI
10.	1. Navleen Kour 2. Sunanda 3. Sakshi Arora (No)	Computer-Vision Based Diagnosis of Parkinson's Disease via Gait: A Survey	IEEE Access IEEE	Vol 7 (2019): 156620-156645.	SCI

11.	1. Duraksha Ali 2. Manoj Kumar Gupta (No)	Deadline Sensitive Lease Scheduling Using Hungarian Genetic Algorithm in Cloud Computing Environment	International Journal of Computer Sciences and Engineering, , ISSN:2347-2693, UGC J.NO. 63193, H-index=12].	Vol.7, Issue.12, pp.7-15, 2019.	Peer-reviewed UGC listed Journal
12.	1. Kanica Sachdeva 2. Manoj Kr Gupta (No)	A Comprehensive Review of the Computational Techniques for the Prediction of Drug Side Effects	Journal of Drug Development Research, Wiley Online Library, ISSN:1098-2299	Vol. 81 (4), pp. 2020.	SCI, IF=1.742
13.	1. Kshatrapal Singh 2. Ashish Kumar 3. Manoj Kumar Gupta (No)	Modified k-string in composition vector method for DNA sequence comparison based on maximum entropy principle	Journal of Interdisciplinary Mathematics, Taylor and Francis, ISSN: 2169-012X.	Vol. 23(1), pp.31-41.	SCOPUS, Citescore=0.54]
14.	1. Pooja Sharma 2. Ajay Kaul 3. M L garg (No)	Resource provisioning for various network applications in VANETs	International journal of advanced trends in computer science and engineering	VOI 8 no 5 Oct. 2019	SCOPUS
15.	1. Abhishek Gupta (Yes)	Current research opportunities of image processing and computer vision	Name of the Journal: Journal of Computer Science Publisher & Location: AGH University Of Science And Technology Journals ISSN No.: 1508-2806	Volume: 20 Issue No.: 4 Year: 2019 Page Nos.: 389-412	Peer-reviewed UGC listed Journal, ESCI and SCOPUS Indexed Journal
16.	1. Abhishek Gupta (Yes)	Challenges for Computer Aided Diagnostics using X-Ray and Tomographic	Name of the Journal: International Journal of Computational Vision and Robotics Publisher & Location:	Volume: 10 Issue No.: 4 Year: 2020 Page Nos.: 360-371	Peer-reviewed UGC listed Journal, SCOPUS Indexed Journal

		Reconstruction Images in craniofacial applications	Inderscience, Switzerland ISSN No.: 1752-9131		
17.	1. Siddhart Singh 2. Ajay Koul, 3. Udhay Pratap	Image segmentation using computational intelligence techniques	Archives of Computational Methods in Engineering	vol 26, pp 533- 596, Springer Netherlands	SCIE
18.	1. Siddhart Singh 2. Ajay Koul, 3. Udhay Pratap	Image segmentation using fuzzy competitive learning based counter propagation network	Multimedia Tools and Applications	78, pages 35263– 35287(2019)	SCIE

**9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented
(2019-2020)**

Sl. 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 Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1.	Deep Learning and FDP on Machine Learning Applications using Python, 6-10 January, 2020	Machine Learning: Applications of Naïve Bayes, decision Tree, Random Forest, Linear and Logistic	EICT, IIT Roorkee	Dr. Baijnath Kaushik (Resource Person for five-day session)	National

		Regression and Deep Learning			
2.	Deep Learning and Machine Learning Applications using Python, 6-10 January, 2020	Deep Learning and Machine Learning Applications using Python	EICT, IIT Roorkee	Dr. Baijnath Kaushik (Attended)	National
3.	Webinar on Emerging research Areas in Computer Science and Engineering, 28th May, 2020	Applications of Deep Learning and Machine Learning	Baba Ghulam Shah University, rajouri	Dr. Baijnath Kaushik (Invited Speaker)	National
4.	FDP on Internet of Things, 17 October, 2019	Use of IoT in Internet of Vehicles: Security Issues, Application and Solutions	Central University Jammu	Dr. Baijnath Kaushik (Invited Speaker)	National
5.	Faculty Development Program for Student Induction (FDP-SI), 17-23 January, 2020	Universal Human Values	Panjab University, Chandigarh and AICTE	Dr. Baijnath Kaushik (Attended)	National
6.	Int. Conf. on Sentimental Analysis and Deep Learning, 2-3 April	Review of Improving Automatic Speech Recognition Problem using Deep Learning Algorithms: RNN, LSTM and CNN	Springer and KGiSL Institute of Technology, Coimbatore, India	Dr. Baijnath Kaushik (Presented)	International
7.	Int. Conf. on Intelligent Computing & Control Systems ICCS 2020), 13-15 May, 2020	Review of Deep Learning Techniques for Improving the Performance of Machine Reading Comprehension	IEEE and Vaigai College of engineering, Madurai	Dr. Baijnath Kaushik (Presented)	International

		Problem			
8.	Recent Trends in Advancement in Engineering and Research, January, 2020	Session Chair	SMVDU	Dr. Bajnath Kaushik (Session Chair)	International
9.	International Conference on Information and Computer Technology	Semantic Segmentation and Contextual Information based Image scene Interpretation	ITU University USA	Dr. Ajay Kaul (Presented Paper)	International Abroad
10.	4 th international Conference on Information systems and Computer Networks (ISCON)	Radial Basis Function Neural Network for segmentation of plant leaf disease	GLA University Mathura	Dr. Ajay Kaul (Presented Paper)	International within country
11.	Two Day FDP 20 th & 21 st September 2019	Blockchain Technology	JNTUH College of Engg., Hyderabad	Mr. Alex Joseph (Attended)	National
12.	One Week FDP 6 th to 10 th January 2020	Deep Learning and Machine Learning Applications using Python	EICT Academy, IIT Roorkee	Mr. Alex Joseph (Attended)	National
13.	Seminar	Fundamentals of C	G.C.E.T	Dr. Sunanda Gupta (Invited Lecture)	State
14.	Workshop	Conditional Formatting & Data Validation	SMVDU	Dr. Sunanda Gupta (Resource Person)	University
15.	Workshop	Advance Computer Skills for Effective performance	SMVDU	Dr. Sunanda Gupta (Resource Person)	University
16.	FDP	Designing Learner Centric MOOCs	by NPTEL- AICTE	Dr. Sunanda Gupta (Attended)	National
17.	Conference	Light-Fidelity: Next Generation	International Conference on	Dr. Sunanda Gupta (Attended)	International

		Wireless Networks- A Survey	Smart Systems and Inventive Technology (ICSSIT)		
18.	One Day Workshop on Arduino' 8 February 2020	NA	Teaching Learning Centre, ICT at IIT Bombay	Sudesh Kumar (Attended)	National
19.	One day Coordinators Workshop on Linux on 3 August 2019	NA	Teaching Learning Centre, ICT at IIT Bombay	Sudesh Kumar (Attended)	National
20.	Training of Future Skills Technologies: Cyber Security 24th Feb to 6th March 2020	NA	IIT Roorkee	Sudesh Kumar (Attended)	National
21.	One week online AICTE ATAL FDP on Cyber Security from 30-04-2020 to 04-05-2020	NA	NITTTR, Chandigarh	Sudesh Kumar (Attended)	National
22.	International Conference on Smart Systems and Inventive Technology (ICSSIT 2019) 27-29 November ,2019	LIGHT-FIDELITY: NEXT GENERATION WIRELESS NETWORKS- A SURVEY	Francis Xavier Engineering College Tamil Nadu, India.	Sudesh Kumar (Paper Presenter)	International
23.	ICICT 2019, held on Sep 27-28, 2019.	An Improved Approach for Predicting Drug Target Interactions	KIET Ghaziabad	Dr. Manoj Kumar Gupta (Published)	International
24.	ICICT 2019 held on Sep 27-28, 2019	Comparative analysis of resampling techniques under noisy imbalanced	KIET Ghaziabad	Dr. Manoj Kumar Gupta (Published)	International

		datasets			
25.	8th International Conference on System Modeling & Advancement in Research Trends, , 22 - 23 November, 2019	Preserving Classification Using 4-Dimensional Rotation Transformation	TMU Moradabad	Dr. Manoj Kumar Gupta (Published)	International
26.	Three-days Workshop on “Adoption of ICT enabled information systems in Agricultural Development” during 17th -19th May, 2020	Applications of AI and ML in Agriculture	SKUAST-Kashmir	Dr. Manoj Kumar Gupta (Resource person)	National
27.	Delivered a session in the FDP "Outcome based Education and Accreditation", during 25-29 May, 2020	Role of ICT in education	IILM - AHL, CET, Greater Noida	Dr. Manoj Kumar Gupta (Presenter)	National
28.	Delivered a session in one-week FDP program on “Intelligence Systems and Informatics” held during July 08-13, 2019.	Sequence analysis & drug target interaction prediction	JIIT Noida.	Dr. Manoj Kumar Gupta (Resource person)	National
29.	Participated in one week Short-Term Course on “Machine Learning For Engineering Applications “from 9th to 13th December 2019.	Short-Term Course	IIT Delhi Campus, New Delhi	Dr. Manoj Kumar Gupta (Attended)	National
30.	International Conference on Management & Information Technology 2020, March 4 th & 5 th , 2020	Review of Deep Learning Techniques for Object Detection	Delhi College of Technology & Management, Palwal	Anuj Mahajan (Presented)	International
31.	02 days FDP on Block Chain Technology, September 20 th to 21 st 2019	Block Chain Technology	JNTU Hyderabad in association with TCS (under	Anuj Mahajan (Attended)	National

			TEQIP 3)		
32.	10 days Faculty Training Program on Data Science & Analytics, March 2 to March 12 2020	Data Science & Analytics	IIT Indore (under TEQIP3)	Anuj Mahajan (Attended)	National
33.	One week FDP on Deep Learning & Machine Learning using Python, 06 th January to 10 th January 2020	Deep Learning & Machine Learning	Conducted by Electronics & ICT Academy, IIT Roorkee (at SMVDU campus)	Anuj Mahajan (Attended)	National
34.	2-days Workshop on Ethical Hacking & cyber Security, 26 th & 27 th September 2019	Ethical Hacking & cyber Security	School of CSE, SMVDU	Anuj Mahajan (Resource Person)	National
35.	Open Source Learning Management System: MOODLE	FDP	AMU and IITB	Dr. Sonika Gupta (Attended)	National
36.	International Conference on Computational Methods in Science & Technology (ICCMST-2020), June 11 – 12, 2020	A fast and efficient color model for automatic monitoring of plants based on leaf images	Chandigarh Engineering College, Landran, Chandigarh	Dr. Abhishek Gupta (Paper presenter)	International (within the country)
37.	Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop, May 16, 2020	NA	IIT Bombay	Dr. Abhishek Gupta (Attended)	National
38.	Deep Learning and Applications, Dec 09 to Dec 13, 2019	NA	MNIT, Jaipur	Dr. Abhishek Gupta (Attended)	National
39.	Foundation of fuzzy set and fuzzy logic applications, 30th Sep to 4th Oct 2019	NA	SMVDU, Katra	Dr. Abhishek Gupta (Attended)	National

9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

Sl. 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 on Machine Learning Applications using Python, 6-10 January, 2020	EICT, IIT Roorkee	Local Coordinator	EICT, IIT Roorkee	National
2.	Foundations of Fuzzy set and Fuzzy Logic with Applications	Ajay Koul Manoj Verma	Coordinator	TEQIP-III	National
3.	Ethical Hacking & Cyber Security	Dr. Sunanda,	Co convenor	TEQIP III	State
4.	one day blended mode workshop on R on 09 November 2019	NMEICT	Remote Centre Coordinator	SMVDU & IIT BOMBAY	National
5.	one day blended mode workshop on eSim 21 September 2019	NMEICT	Remote Centre Coordinator	SMVDU & IIT BOMBAY	National

9.6 Ph.D. Guided 2019-2020

Sl./ 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.	Sparsh Sharma	Dr. Ajay Koul	Enhancing Security and Utilization of Resources in VANETs and VANET Cloud Environment	-
2.	Jasvinder Pal Singh	Prof. Sanjeev Jain, Dr. Sakshi Arora, Dr. Uday Pratap Singh	Multi-Gait Occlusion Reconstruction and Identification using Hybrid-NN	-
3.	Siddharth	Dr. Ajay kaul,	Plant Leaves Disease	-

	Singh Chouhan	Dr. Uday Pratap Singh	Segmentation and Classification using Soft Computing approaches	
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9.7 Students' Achievement (2019-2020)

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1.	Anubhav Singh	18BCS019	Selected in Google Summer of Code (GSoC), May 03, 2020	Google
2.	Anubhav Singh	18BCS019	Student Mentor of KWoC (Kharagpur winter of Code) 2019	IIT Kharagpur
3.	Gunjan Kokiloo	18MMS003	Secured 2nd position in Essay Contest organized by J&K Zone Central Reserve Police Force supported by SMVDU. Oct 02, 2019	CRPF, SMVDU
4.	Shivane dewan	19BCS074	Secured 1 st rank in Eco storm event organized from 7 th to 9 th Feb 2020	SMVDU
5.	Swayam Gupta	19BCS080	Secure 100% score in online quiz on C programming organized on 08/06/2020	Annasaheb Dange College of Engineering and Technology, Ashta
6.	Swayam Gupta	19BCS080	Secure 100% score in online quiz on C programming organized on 08/06/2020	Geetanjali Institute Of Technical Studies, Udaipur
7.	Apeksha Koul	18MMS002	Received sanction of foreign travel grant to attend the international conference on Mar 09, 2020 in USA. However, grant was not availed.	Indian National Academy of Engineering (INAE) and Council of Scientific & Industrial Research (CSIR)
8.	Sandeep Kumar Mishra	16BCS044	Secure AIR: 1159 in GATE-2020	IIT

SCHOOL OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. **Name of the School:** Electronics & Communication Engineering

2. **Faculty Profile:**

Name of Faculty member	Designation	Qualifications	Specialization
Dr. Kumud Ranjan Jha	Associate Professor	AMIE (ECE), M.E (E&C). Ph.D. (ECE) Post Doc. (USA)	Antenna Design, Microwave Engineering
Dr. Vipin Kakkar	Associate Professor	B.E. M.S. (Elec& Control Sys) PD - Eng (Microelectronics)	Ultra Low Power VLSI, MEMS, Biosensors
Dr. Amit Kant Pandit	Associate Professor	B.Tech. (E&CE) Diploma. (IT/CSE) Ph.D. (ECE)	DSP, DIP, Signal and Systems ,Microprocessor
Dr. Rakesh Kumar Jha	Associate Professor	M.Tech. (E&C) B.E.(ECE), Ph.D.	Wireless Communication, Network Security issues
Dr. Sumeet Gupta	Associate Professor	B.E. (Electronics) M.Tech. (IT) Ph.D	Digital System Design, Embedded Systems, Circuit design & simulation
Dr. Manish Sabraj	Associate Professor	B.E. (ECE). M.Tech. (ECE) Ph.D., GATE	SIGNAL PROCESSING
Mr. Shashi Bhushan Kotwal	Assistant Professor	B.E. (Elec. & Telecom) M.Tech. (IT)	Microprocessor, Wireless Communications & Signal Processing, Sensor Networks
Mr. Ashish Suri	Assistant Professor	B.E., M.Tech. (IT), M.Tech (E&CE)	Wireless & Mobile Communication, Digital Signal Processing
Mr. Anil Kumar Bhardwaj	Assistant Professor	B.Tech. (ECE) M.Tech. (ECE) Ph.D.(thesis Submitted)	VLSI Design, Semiconductor devices, RFIC
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
Mr. Swastik Gupta	Assistant Professor	M.Tech. (Electrical Engg.) B.E. (Electrical Engg.)	Data Networks, Embedded Systems, Computer Programming
Dr. Purnima Hazra	Assistant Professor	AMIETE M.Tech.(ECE) Ph.D. (Electronics Engg.) GATE	Semiconductor devices and circuits, Microelectronic and nanoelectronic devices

Dr. Vikram Singh	Assistant Professor	B.Tech.(ECE) M.Tech.(VLSI Design & Embedded Systems) , UGC-NET	VLSI Design, Digital Design using VERILOG and VHDL
Dr. Sachin Kumar Gupta	Assistant Professor	B.Tech.(ECE) M.Tech.(System Design), GATE, Ph.D	Wireless Networking, Computer Networks, Data Communications, Systems Theory
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 (2019-2020):

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

4. Details of B.Tech. Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	88	21	109

5. Details of M.Tech./M.Sc./M.A Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	03	07	10

6. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	02	02	04
Awarded 2019-20	03	00	03

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020):

Example:

Sl. 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
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1	AWS Cloud Technology	Cloud Technology	SOECE	Mr. Abhinav, Percona, USA, Dr. Rajiv Mishra, IIT Patna, Dr. Sateesh, IIT Roorkee, Dr. Karan, NIT Delhi, Mr. Bhuvan, L&T Infotech, Mumbai	National
2	Advancement in Engineering Sciences	Advance Optical Devices	SOECE	Prof. Vinod Kapoor, NIT Hamirpur, Dr. N. S. Rajpoot, IIT BHU Varanasi, Dr. Abhimanyu Sahoo, Oklahoma State, USA, Dr. Saeed H. A., Shenzhen, China	International
2	Advancement in Engineering Sciences	Current Nanoscale	SOECE	Prof. Vinod Kapoor, NIT Hamirpur, Dr. N. S. Rajpoot, IIT BHU Varanasi, Dr. Abhimanyu Sahoo, Oklahoma State, USA, Dr. Saeed H. A., Shenzhen, China	International
2	Advancement in Engineering Sciences	Advance Network security System	SOECE	Prof. Vinod Kapoor, NIT Hamirpur, Dr. N. S. Rajpoot, IIT BHU Varanasi, Dr. Abhimanyu Sahoo, Oklahoma State, USA, Dr. Saeed H. A., Shenzhen, China	International
3	Cryptographic Algorithms for Cyber Security	03-02-2020	JNU	Dr. Karan Singh, JNU	National
4	Yoga & Personality Development	31-05-2019	TEQIP	Dr. Rakesh Verma, Dev Bhoomi gyatri Institute of Technology	National

8. Degree Awardees Nos. (2019-2020):

B.Tech : 17

M.Tech : 18

Ph.D. : 03

Information of Ph.D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.
1	Sanjeev Singh	Dr.Rakesh Kumar Jha	14DEC002
2	Limkar Suresh Vishnudas	Dr.Rakesh Kumar Jha	14DEC003
3	Suhaib Ahmed Bhat	Dr.Vippan Kakkar	14DEC001

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl.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.	Study of Fault Tolerant Quantum Dot Cellular Automata Circuits for Ultra Low Power Applications	Major	TEQIP III	5.05 lakhs	Co-investigator	July 2019 - ongoing	Not yet Please write
2.	Active FSS: Synthesis of Frequency Agile Frequency Selective Surface	Major	DRDO	22.87	Principle Investigator	Sep. 2018	Annual Review Completed and partial outcome conveyed to Agency

9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National
1.	Greensynthesis Of Silver Nanoparticles	SMVDU/IPMSC/040; IP 49323	National
2.	Reconfigurable Frequency Selective Surface (FSS) with different polarization properties in TE & TM modes	202011008419 (Filed)	National

9.3 Research Publications (with full details in below format) for 2019-2020:

Example:

For book:

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

For chapters in a book (2019-2020):

Sl.	Title of the chapter	Title of the book	Editors	Name of the	ISBN No. and
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No	Author of the Chapter		(Mention all Editors)	publisher Indicate National or International	year of publication
1	Negative bias temperature instability (NBTI) aware low leakage circuit design Dr. Vijay Kumar sharma and Prof. ManishaPattanaik	VLSI and Post-CMOS Electronics: Vol. 1	Rohit Dhiman and RajeevanChandani	IET, International	978-1-83953-052-4, 2019
2	Development of Environmental Biosensors for Detection, Monitoring, and Assessment Authors: Shagun Gupta and Vipin Kakkar	Nanomaterials and Environmental Biotechnology	Indu Bhushan, Vivek Kumar Singh, Durgesh Kumar Tripathi	Springer	ISBN No.: 978-3-030-34543-3 Year : 2020
3	Biomolecular and Cellular Manipulation and Detection (Nanofluidics and Micro- and Nanotechnologies in Integrative Biology) Authors: Shagun Gupta, Vijeshwar Verma, and Vipin Kakkar	Nanomaterials and Environmental Biotechnology	Indu Bhushan, Vivek Kumar Singh, Durgesh Kumar Tripathi	Springer	ISBN No.: 978-3-030-34543-3 Year : 2020
4	Nanotechnology Applications and Synthesis of Graphene as Nanomaterial for Nanoelectronics	Nanomaterials and Environmental Biotechnology	InduBhushan Vivek Kumar Singh Durgesh Kumar Tripathi	International Springer nature	978-3-030-34544-0 2020

For paper (2019-2020):

Sl. 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.MISBAH SHAFI 2. R K JHA 3.MANISH SABRAJ	A survey on security issues of 5G NR: Perspective of artificial dust and artificial rain	Journal of Network and Computer Applications Available online 18 March 2020 1084-8045/© 2020 Elsevier Ltd. All rights reserved.		
2	Shams ulHaq, Vijay Kumar sharma Yes	An Approach for Low Power Circuit Design using Low Threshold Transistors	Journal of Active and Passive Electronic Devices, Old City 1555-029X	Vol. 14, No. 2-3, pp. 173-184, 2019	Peer reviewed UGC listed Web of Science listed (ESCI)
3	Kajal, V.K. Sharma Yes	A Review on Leakage Current in Low Power	Journal of Active and Passive Electronic Devices, Old City	Vol. 14, No. 4, pp. 273-286, 2019	Peer reviewed UGC listed Web of Science

		Nanoscale VLSI Technology: Challenges and Solution	1555-029X		listed (ESCI)
4	Kajal, V.K. Sharma Yes	A Review on NBTI Aware Low Power Circuits	Journal of Nanoelectronics and Optoelectronics, American Scientific 1555-1318	Accepted	Peer reviewed UGC listed Web of Science listed (SCIE)
5	UmayiaMushtaq, V.K. Sharma Yes	Design and Analysis of INDEP FinFET SRAM Cell at 7nm Technology	International Journal of Numerical Modelling , Wiley 1099-1204	Accepted	Peer reviewed UGC listed Web of Science listed (SCI) Scopus
6	V.K. Sharma Yes	A Survey on Low Power Design Approaches in Nanoscale Regime	Micro and Nanosystems, Bentham Science 1876-4037	Accepted	Peer reviewed UGC listed Scopus
7	1. Shagun Gupta 2. Vipan Kakkar	DARPin based GMR Biosensor for the detection of ESAT-6 Tuberculosis Protein	Journal: Tuberculosis Publisher: Churchill Livingstone Elsevier Location: Scotland ISSN: 1472-9792 doi: 10.1016/j.tube.2019.07.003	Volume: 118 Year: 2019 Page: 101852	SCI Impact Factor: 2.790
8	1. Shagun Gupta 2. Vipan Kakkar 3. InduBhushan	Crosstalk Between Vaginal Microbiome and Female Health: A Review	Journal: Microbial Pathogenesis Publisher: Academic press Ltd- Elsevier science Ltd Location: London ISSN:0882-4010 doi: 10.1016/j.micpath.2019.103696	Volume: 136 Year: 2019 Page: 103696	SCI Impact Factor: 2.581
9	1. Tanveer Ahmed Rather 2. Suhaib Ahmed 3. Vipan Kakkar	Modelling and Simulation of a Reversible Quantum Logic based 4x4 Multiplier Design for Nanotechnology Applications	Journal: International Journal of Theoretical Physics Publisher: Springer Location: New York, USA ISSN:1572-9575 doi: 10.1007/s10773-019-04285-3	Volume: 59 Year: 2020 Page: 57-67	SCI Impact Factor: 1.121
10	Anil Kumar Bhardwaj, Sumeet Gupta, Balwinder Raj, Amandeep Singh Yes	Impact of Double Gate Geometry on the Performance of Carbon Nanotube Field Effect Transistor Structures for Low Power Digital Design	Journal of Computational and Theoretical Nanoscience American Scientific Publisher California	Volume: 16 Issue No.:6 Year: 2019 Page Nos.: 1813–1820	Scopus Indexed, UGC List Group A
11	Gaurav Sharma, Sushma Reddy, Anil Kumar Bhardwaj, ArvindRehalia,	Design of Low Power, High Gain Fully Differential Folded Cascode Operational	International Journal of Recent Technology and Engineering Blue Eyes	Volume: 8 Issue No.:4 Year: 2019 Page Nos.: 1802-1808	Scopus Indexed, UGC List Group A

	Sumeet Yes	Amplifier for Front End Read Out Circuits	India		
12	ShubhamMahajan, SuvajitLodh, AK Bhardwaj, AK Pandit	Landmark Facial Detection by using Gaussian Regression Guided Network	International Journal of Control and Automation Science and Engineering Research Support Society	Volume: 12 Issue No.:5 Year: 2019 Page Nos.: 431-436	Scopus Indexed, UGC List Group A
13	Shagun Gupta, ShubhamMahajan, Anil Kumar Bhardwaj, CH. Vanipriya	Detection of 3 – Dimensional Superficial Landmarks by using Deep Neural Networks	International Journal of Control and Automation Science and Engineering Research Support Society	Volume: 13 Issue No.:4 Year: 2019 Page Nos.: 452-458	Scopus Indexed, UGC List Group A
14	C. Singh, K. R. Jha, S. K. Sharma, Z. A. P. Jibrán, G. Singh	Design of a Wideband Square Slot Bandpass Frequency-Selective Surface using Phase Range Analysis	Engineering Reports	Vol. 2, e12085	Indexed In: COMPENDEX (Elsevier) INSPEC (IET)

9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented (2019-2020)

Example:

Sl. 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 Simply Attended (Name)	National/ International (abroad)/ International (within the country)/ State/University
1	Image And Embedded Processing	Fdp	Nittr Chandigarh	Attended	National
2	IEEE International Conference On Communication And Electronics Systems	Design Of Low Power SR-Flip-Flop With On/Off (ONOFIC) Implementation	IEEE	Paper Presenter	International Within Country
3	IEEE International Conference On Communication And Electronics Systems	Design Of 6T Finfet SRAM Cell At 7nm	IEEE	Paper Presenter	International Within Country
4	International Conference On Advanced Computing And Applications	Designing Of Standard Cell Library For GBONOR Approach	IEEE	Paper Presenter And Session Chair	International Abroad
5	Technology Innovation Management And Engineering Science International Conference	Design And Simulation Of Reliable Standard Cell Library For INDEP Approach	IEEE	Paper Presenter And Session Chair	International Abroad
6	2019 IEEE International Symposium On Antennas	A LTE Band Integrated 5G	IEEE	Javid A. Ganie ; Chitra Singh ; Kumud R. Jha ;	International Abroad

	And Propagation And USNC-URSI Radio Science Meeting 7-12 July 2019	Antenna Design Using Characteristic Mode Analysis		Satish K. Sharma	
7	2019 IEEE MTT-S International Microwave And RF Conference 13-15 Dec. 2019	Transmission Zero Controlled Wideband Bandpass FSS	IEEE	Chitra Singh ; Kumud R. Jha ; Satish K. Sharma	International AI India
8	2019 IEEE MTT-S International Microwave And RF Conference 13-15 Dec. 2019	Active FSS Design Using Multi-Resonators	IEEE	S. T. S. Andrabi ; Kumud R. Jha ; Satish K. Sharma ; G. Singh	International India
9	2020 International Conference On Electrical And Electronics Engineering	An Optically Transparent Antenna For Iot Applications	IEEE	S Jamwal, S Gupta, ZAP Zibran, KR Jha, Chitra Singh	International, India (Best Paper Award)
10	DST Sponsored Two Week FDP On “Quantum Science & Technology”, 16 th -30 th Dec. 2019	Quantum Dot Cellular Automation Technology	Baba Ghulam Shah Badshah University, Rajouri. J&K.	Invited Lecture	National
11	"ML & AI Using Covid-19 Virus Data Analysis", 30 th -31 st May, 2020	NA	Finland Labs, In Association With IIT Roorkee	Attended	National
12	Artificial Intelligence & Machine Learning Using Python, 25 th -29 th May, 2020	NA	Finland Labs, In Association With IIT Roorkee	Attended	National
13	International E – Conference On Recent Trends In Electronics, Computing And Communication Engineering- Icrtecc 2020	Analysis Of Performance Due To High K Dielectrics On Cntfet Based 6t Sram	Saveetha School Of Engineering Simats	Anil Bhardwaj	International

9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

Sl. No	Title of the Seminar/Conference/Workshop/Etc. and Dates & Year	Organizer's Name	Role	Organizing agency	National/ International (abroad)/ International (within the country)/ State/University
1	AWS Cloud Technology 7 th to 11 th Sep. 2019	Dr. Vijay Kumar Sharma Dr. Sachin Gupta	Coordinators	TEQIP-III	National
2	Advancement in Engineering Sciences 28 th to 29 th Sep. 2019	Dr. Vijay Kumar Sharma Dr. Sachin Gupta	Chairman	TEQIP-III	International
3	6th International Conference on Recent Trends and Advancements in Engineering and Technology	Investigation of electronic and transport properties of agnr- a DFT study	SMVDU	Anil Bhardwaj	International

9.6 Ph.D. Guided 2019-2020

Sl./ 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	Pimmy	DR. RAKESH KUMAR JHA	Green Communication in 5G and Beyond 5G wireless Communication Networks	
2	Garima	DR. RAKESH KUMAR JHA	Development of Algorithm to Overcome Security Threats in 5G Wireless Communication for Ultra Dense Network	
3	Chitra	DR. KUMUD RANJAN JHA	Frequency Selective Surface: Analysis and Design	
4	NeerajTripathi	Vipan Kakkar		Modeling and Optimization of Microelectrode for Deep Brain Stimulation
5	Vikram Kumar	Vipan Kakkar		Modeling and Optimization of Bidirectional DC-DC Converter for High Frequency Isolation of Power Conversion Systems
6	Kajal	Dr. Vijay Kumar Sharma		
7	Amina Khan	Dr.Sumeet Gupta		
8	Shagun Gupta	Dr.Vipan Kakkar		
9	Misbah Shafi	Dr. Rakesh Kumar Jha		
10	Anutusha Dogra	Dr. Rakesh Kumar Jha		
11	Yogesh Singh	Dr. Purnima Hazra		
12	Himani Sharma	Dr. Rakesh Kumar Jha		
13	Haneet Kour	Dr. Rakesh Kumar Jha		
14	Shubham Mahajan	Dr.Amit Kant Pandit		
15	Akshita Gupta	Dr.Sachin Kumar Gupta		
16	Mantisha Gupta	Dr. Rakesh Kumar Jha		
17	Ashish Suri	Dr. Kumud Ranjan Jha		

9.7 Students' Achievement (2019-2020)

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1	Sukriti Gupta Shriya Jamwal	17BEC054, 17BEC057	Best Paper Award	2020 International Conference on Electrical and Electronics Engineering MMMUT, Gorakhpur

SCHOOL OF ENERGY MANAGEMENT

1. Name of the School: Energy Management

2. Faculty Profile:

S. No	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. Vineet V. Tyagi	Assistant Professor & Head of School	Ph.D., PDF (University of Malaya, Malaysia, CES I.I.T., Delhi, NISE (MNRE), India).	Solar Thermal Energy Storage, Phase Change Materials, Solar Collectors, Solar Desalination, Energy & Exergy Analysis, Energy Policy
2.	Dr. Sanjeev Anand	Assistant Professor	B.E. (Mechanical Engineering), M.Tech. (Energy Management), Ph.D	Industrial Energy Management, Exergy Analysis, Energy Efficiency in Buildings
3.	Mr. Amit Verma	Assistant Professor (Contractual)	B.Tech (Electrical), M.Tech (Renewable Energy System)	Solar Photovoltaic design & Solar Thermal, Electrical Machine
4.	Mrs. Shaivya Manhas	Assistant Professor (Contractual)	B.Tech (Electrical & Renewable Energy Engineering), M.Tech (Renewable Energy)	Solar Desalination

3. Programmes Offered & Enrollment (2019-2020):

B.Tech.	M.Tech.
Nil	Energy Systems

4. Details of B.Tech. Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	Nil	Nil	Nil
	Nil	Nil	Nil

5. Details of M.Tech./M.Sc./M.A Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	06	06	12

6. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	01	Nil	01
Awarded 2019-20	Nil	Nil	Nil
Total Presently under Supervision	06	Nil	06

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020):

Example:

Sl. 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	FDP on Energy & Power Systems	Energy Efficiency in transmission & distribution System	SoEM, TEQIP-II, SMVDU	Mr. K.R Suri, Retd. GM, Power Grid	National
2	FDP on Energy & Power Systems	Flexible Power generation at Low temperature source with multi-objective function	SoEM, TEQIP-II, SMVDU	Dr. T. Srinivas, Assoc. Prof. National Institute of Technology, Jalandhar	National
3	FDP on Energy & Power Systems	Predict the performance Peter-Kirloskar Diesel Engine using Jatropa as a Biofuel	SoEM, TEQIP-II, SMVDU	Dr. R.K. Mishra SoME, SMVDU	National
4	FDP on Energy & Power Systems	Efficiency reduction in Hydro turbine due to Hydro abrasive erosion	SoEM, TEQIP-II, SMVDU	Mr. Amit Sharma Assistant. Engineer, JKSPDC	National
5	FDP on Energy & Power Systems	Weather Derivations in Power Sector	SoEM, TEQIP-II, SMVDU	Dr. Ashutosh Vaishista, SoB, SMVDU	National
6	FDP on Energy & Power Systems	Smart Electric Distribution System:- Challenges & Scope	SoEM, TEQIP-II, SMVDU	Dr. Arjun Tyagi, SoE&EE, SMVDU	National
7	FDP on Energy & Power Systems	Lignocellulosic Biomass as a Potential resource for production of 2 nd generation biofuel ethanol	SoEM, TEQIP-II, SMVDU	Dr. B.K. Bajaj, Associate. Professor, University of Jammu, Jammu	National
8	FDP on Energy & Power Systems	Solar Thermal Collectors and Applications	SoEM, TEQIP-II, SMVDU	Dr. Vineet V. Tyagi	National
9	FDP on Energy & Power Systems	Fundamental of Solar Refrigeration and Air Conditioning	SoEM, TEQIP-II, SMVDU	Dr. Sanjeev Anand	National
10	FDP on Energy Simulation	Solar PV Design Systems and Simulation	SoEM, TEQIP-II, SMVDU	Dr. Ishan Purohit, Senior Technical Director, International Finance Corporation	National
11	FDP on Energy Simulation	Hands on Traing for PVsyst	SoEM, TEQIP-II, SMVDU	Mr. Sudhakar Sundaray, Solar Energy Specialist at RINA	National
12	FDP on Energy Simulation	Building Simulation	SoEM, TEQIP-II, SMVDU	Dr. Ashish Purohit, Department of	National

				Mechanical Engineering, Thapar University, Patiala	
13	FDP on Energy Simulation	Building- Source of Energy Misuse	SoEM, TEQIP-II, SMVDU	Dr. Yatheshth Anand, SoME, SMVDU	National

8. Degree Awardees Nos. (2019-2020):

M.Tech : 11

Ph.D. : Nil

Information of Ph.D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.
Nil	Nil	Nil	Nil

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl.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

9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National

9.3 Research Publications (with full details in below format) for 2019-2020:

Example:

For book:

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

For chapters in a book (2019-2020):

Sl. 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	Phycoremediation: Algae as Eco-friendly Tools for the Removal of Heavy Metals from Wastewaters, Shamshad Ahmad, Arya Pandey, Vinayak Vandan Pathak, V. V. Tyagi	Bioremediation of Industrial Waste for Environmental Safety, Springer	Ranbir Chander Sobti, Naveen Kumar Arora and Richa Kothari	ISBN No. 978-981-13-3426-9 2019	2019
2.	Role of Solar Energy Applications for Environmental Sustainability Atin K. Pathak, Kapil Chopra, Har Mohan Singh, V. V. Tyagi, Richa Kothari, Sanjeev Anand, A.K Pandey	Environmental Biotechnology: For Sustainable Future Springer	Ram Naresh Bharaga va and Gaurav Saxena	ISBN No. 978-981-10-7284-0	2019
3.	Natural Sensitizers and Their Applications in Dye-Sensitized Solar Cell A.K Pandey, Muhammad Shakeel Ahmad, Nasrudin Abd Rahim, V. V. Tyagi, R. Saidur	Environmental Biotechnology: For Sustainable Future Springer	Ram Naresh Bharaga va and Gaurav Saxena	ISBN No. 978-981-10-7284-0	2019

For paper (2019-2020):

Sl. 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	G Singh, P. J Singh, V. V. Tyagi, A K Pandey	Energy, Exergy and exergoeconomic analysis of high temperature short time milk pasteurisation plant	Exergy ISSN:- 1742-8300 DoI: https://doi.org/10.1504/IJEX.2019.101626	Volume: 30 Issue No. 01 Year: 2019 Page Nos. 26-62	Impact Factor:- 0.958
2	Har Mohan Singh, Richa Kothari, Rakesh Gupta, V. V. Tyagi	Bio-fixation of flue gas from thermal power plants with algal biomass: Overview and	Journal of Environmental Management ISSN:- 0301-4797	Volume: 245 Issue No.: Year: 2019 Page Nos.	Impact Factor:- 5.647

		research perspectives	DoI: https://doi.org/10.1016/j.jenvman.2019.01.043	519-539	
3	G Singh, P.J. Singh, V. V. Tyagi, P Barnwal, A. K. Pandey	Exergy and exergoeconomic analysis of cream pasteurisation plant	Journal of Thermal Analysis and Calorimetry ISSN:- 1588-2926 DoI: https://doi.org/10.1007/s10973-019-08016-y	Volume: Issue No.: Year: 2019 Page Nos.: 1381–1400	Impact Factor:- 2.731
4	G Singh, P.J. Singh, V. V. Tyagi, P Barnwal, A. K. Pandey	Thermal and exergoeconomic analysis of a dairy food processing plant	Journal of Thermal Analysis and Calorimetry ISSN:- 1588-2926 DOI: https://doi.org/10.1007/s10973-018-7781-y	Volume: Issue No. Year: 2019 Page Nos. 1365-1382	Impact Factor:- 2.731
5	S. K Tyagi, R Kothari, V. V. Tyagi	Recent advances in biofuels in India	Biofuels ISSN:- DoI: https://www.tandfonline.com/doi/full/10.1080/17597269.2018.1532732	Volume: Issue No. Year : 2019 Page Nos. 1-2	Impact Factor:- 1.496
6	A. Pandey, V. V. Pathak, R. Kothari, P N Black, V. V. Tyagi	Experimental studies on zeta potential of flocculants for harvesting of algae	Journal of Environmental Management ISSN:- 0301-4797 DoI: https://doi.org/10.1016/j.jenvman.2018.09.096	Volume: 231 Issue No. Year: 2019 Page Nos. 562-569	Impact Factor:- 5.647
7	M George, AK Pandey, N A Rahim, V. V. Tyagi, S Shahabuddin, R Saidur	Concentrated photovoltaic thermal systems: A component-by-component view on the developments in the design, heat transfer medium and applications	Energy Conversion and Management ISSN:- 0196-8904 DoI: https://doi.org/10.1016/j.enconman.2019.02.052	Volume: 186 Issue No. Year: 2019 Page Nos. 15-41	Impact Factor:- 8.208
8	M S Hossain, A. K. Pandey, J. Selvaraj, N A Rahim, M M Islam, V. V. Tyagi	Two side serpentine flow based photovoltaic-thermal-phase change materials (PVT-PCM) system: Energy, exergy and economic analysis	Renewable Energy ISSN:- 0960-1481 DoI: https://doi.org/10.1016/j.renene.2018.10.097	Volume: 136 Issue No. Year: 2019 Page Nos. 1320-1336	Impact Factor:- 5.439
9	S.K Sinha, K. A. Subramanian, H. M. Singh, V. V. Tyagi, A Mishra	Progressive Trends in Bio-Fuel Policies in India: Targets and Implementation Strategy	Biofuels ISSN:- DoI: https://doi.org/10.1080/17597269.2018.1522483	Volume: 10 Issue No. 01 Year: 2019 Page Nos. 155-166	Impact Factor:- 1.496
10	HM Singh, AK Pathak, K Chopra, V.V Tyagi, S Anand	Microbial fuel cells: a sustainable solution for bioelectricity generation and wastewater treatment	Biofuels ISSN:- DoI: https://doi.org/10.1080/17597269.2017.1413860	Volume: 10 Issue No.: 01 Year: 2019 Page Nos. 11-31	Impact Factor:- 1.496
11	K. Chopra, Atin K. Pathak, V.V. Tyagi,	Thermal performance of phase change	Energy Conversion and Management	Volume: 203 Issue No.:	Impact Factor:- 8.208

	A.K. Pandey, Sanjeev Anand, Ahmet Sari	material integrated heat pipe evacuated tube solar collector system: An experimental assessment	ISSN:- 0196-8904 DoI: https://doi.org/10.1016/j.enconman.2019.112205	Year: 2019 Page Nos.: 112205	
12	Rifat Azam, Richa Kothari, Har Mohan Singh, Shamshad Ahmad, V. Ashok Kumar, V.V. Tyagi,	Production of algal biomass for its biochemical profile using slaughterhouse wastewater for treatment under axenic conditions	Bioresource Technology ISSN:- 0960-8524 DoI: 10.1016/j.biortech.2020.123116	Volume: Issue No. Year: 2019 Page Nos.	Impact Factor:- 7.539
13	K. Chopra, V. V. Tyagi, Ravi Kumar Sharma, Ahmet Sari, A.K. Pandey	PCM integrated glass in glass tube solar collector for low and medium temperature applications: Thermodynamic & techno-economic approach	Energy ISSN:- 0360-5442 DoI: https://doi.org/10.1016/j.energy.2020.117238	Volume: 198 Issue No. Year: 2019 Page Nos. 117238	Impact Factor:- 6.082
14	Umar Maqbool, Arjun Tyagi, V. V. Tyagi, Richa Kothari	Optimization of the renewable-energy-based micro-grid for rural electrification in northern region of India	Clean Technologies and Environmental Policy ISSN:- 1618-9558 DoI: https://doi.org/10.1007/s10098-019-01801-1	Volume: Issue No. Year: 2019 Page Nos. 579–590	Impact Factor:- 2.429
15	G Singh, V. V. Tyagi, P J Singh, AK Pandey	Estimation of thermodynamic characteristics for comprehensive dairy food processing plant: An energetic and exergetic approach	Energy ISSN:- 0360-5442 DoI: https://doi.org/10.1016/j.energy.2019.116799	Volume: 194 Issue No.: Year: 2020 Page Nos. 116799	Impact Factor:- 6.082
16	K. Chopra, V. V. Tyagi, A.K. Pandey	Thermodynamic and techno-economic analysis of heat pipe ETC water heating system for Indian composite climate	Journal of Thermal Analysis and Calorimetry ISSN:- 1588-2926 DoI: https://doi.org/10.1007/s10973-019-08487-z	Volume: Issue No.: Year: 2020 Page Nos. 1395–1407	Impact Factor:- 2.731
17	Atin K. Pathak, V. V. Tyagi, Sanjeev Anand, Richa Kothari	Integrated approach for textile industry wastewater for efficient hydrogen production and treatment through solar PV electrolysis	International Journal of Hydrogen Energy ISSN:- 0360-3199 DoI: https://doi.org/10.1016/j.ijhydene.2020.03.079	Volume: Issue No. Year:2020 Page Nos.	Impact Factor:- 4.939
18	K. Chopra, Atin K. Pathak, V. V. Tyagi, A.K. Pandey, Ahmet Sari	Experimental performance evaluation of a novel designed phase change material integrated manifold heat pipe evacuated tube solar collector system	Energy Conversion and Management ISSN:- 0196-8904 DoI: https://doi.org/10.1016/j.enconman.2019.111896	Volume: 198 Issue No. Year: 2020 Page Nos. 111896	Impact Factor:- 8.208
19	V. V. Tyagi, Atin Pathak, Sanjeev Anand, Richa Kothari, Adarsh Pandey and Saidur	Thermal performance study of the Single slope evacuated tube integrated desalination	International Journal of Advanced Science and Technology ISSN:- 2207-6360	Volume: Issue No. Year: 2020 Page Nos. 213	Impact Factor:- Scopus Index

	Rahman	system	DoI:	- 228	
20	M.S. Hossain, A.K. Pandey, Nasrudin Abd Rahim, Jeyraj Selvaraj, V. V. Tyagi, M.M. Islam	Self-cleaning assisted photovoltaic system with thermal energy storage: Design and performance evaluation	Solar Energy ISSN:- 0038-092X DoI: https://doi.org/10.1016/j .solener.2020.06.031	Volume: 206 Issue No. Year: 2020 Page Nos. 487-498	Impact Factor:- 4.674
21	Mathew George, A.K. Pandey, Nasrudin Abd Rahim, V. V. Tyagi Syed Shahabuddin, R. Saidur	Long-term thermophysical behavior of paraffin wax and paraffin wax/polyaniline (PANI) composite phase change materials	Journal of Energy Storage ISSN: 2352-152X DoI:- https://doi.org/10.1016/j .est.2020.101568	Volume: 31 Issue No. Year: 2020 Page Nos. 101568	Impact Factor:- 3.762
22	Shamshad Ahmad, Richa Kothari, R. Shankarayan , V. V. Tyagi	Temperature dependent morphological changes on algal growth and cell surface with dairy industry wastewater: an experimental investigation	3 Biotech ISSN:- 21905738	Volume: 10 Issue No. 08 Year: 2020 Page Nos. 1- 12	Impact Factor:- 1.798
23	Shamshad Ahmad, Richa Kothari, Deepak Pathania, V. V. Tyagi	Optimization of nutrients from wastewater using RSM for augmentation of Chlorella pyrenoidosa with enhanced lipid productivity, FAME content, and its quality assessment using fuel quality index	Biomass Conversion and Biorefinery ISSN:- 2190-6823 DoI:- https://link.springer.com /article/10.1007%2Fs13 399-019-00443-z	Volume: 10 Issue No. Year: 2020 Page Nos. 495–512	Impact Factor:- 2.602
24	Richa Kothari, Shamshad Ahmad, Vinayak V. Pathak, Arya Pandey, Ashwani Kumar, Raju Shankarayan, Paul N. Black, V. V. Tyagi	Algal-based biofuel generation through flue gas and wastewater utilization: a sustainable prospective approach	Biomass Conversion and Biorefinery ISSN:- 2190-6823 DoI:- https://doi.org/10.1007/s 13399-019-00533-y	Volume: 216 Issue No. Year: 2020 Page Nos. 1- 24	Impact Factor:- 2.602
25	Aditya Chauhan, V. V. Tyagi, Sanjeev Anand	Minimum entropy generation and its validation against Hottel Whillier model for PV/T and FPC collectors	Solar Energy ISSN:- 0038-092X DoI: https://doi.org/10.1016/j .solener.2019.05.063	Volume: 188 Issue No. Year: 2019 Page Nos. 143-157	Impact Factor:- 4.674
26	S. Thappa, Aditya Chauhan, A Sawhney, Y. Anand, Sanjeev Anand	Thermal selective coatings and its enhancement characteristics for efficient power generation through parabolic trough collector (PTC)	Clean Technologies and Environmental Policy ISSN:- 1618-9558 DoI: https://doi.org/10.1007/s 10098-020-01820-3	Volume: Issue No. Year:2020 Page Nos. 557–577	Impact Factor:- 2.429
27	Sanjeev Anand, Yatheshth Anand, Shubham Kumar	Analysis for determining the impact of air quality and	ISSN: 2214-7853 DoI: https://www.sciencedire	Materials Today: Proceedings	Impact Factor:- Scopus Index

	Verma	thermal comfort in an enclosed cavity	ct.com/science/article/pii/S2214785320328741		
28	Sahil Thappa, Aditya Chauhan, Yatheshth Anand, Sanjeev Anand,	Analytical comparison of two distinct receiver tubes of a parabolic trough solar collector system for thermal application	Materials Today: Proceedings ISSN: 2214-7853 DoI: https://www.sciencedirect.com/science/article/pii/S2214785320328777	Materials Today: Proceedings	Impact Factor:- Scopus Index

9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented (2019-2020)

Example:

Sl. 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.	7th International Conference on Energy Research and Development (ICERD-7)	Ventilation System & Particle Dispersion Analysis of Operation Theater using CFD	State of Kuwait	Dr. Sanjeev Anand	International
2.	International Scientific Forum (ISF) 2019	Thermal Energy Storage in Phase Change Material Intergrated Solar Collectors for Air Heating Applications	University of Malaya, Kuala Lumpur, Malaysia	Dr. Vineet V. Tyagi	International
3.	International Scientific Forum (ISF) 2019	Optimization of Extraction Process of Jatropha Oil by Using Quenching Agent	University of Malaya, Kuala Lumpur, Malaysia	Dr. Vineet V. Tyagi	International

9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

Sl. 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.	Faculty Development Program on Energy & Power System (5th to 9th, August, 2019)	School of Energy Management	Dr. Sanjeev Anand: Cooridnator Dr. Vineet V.Tyagi Cooridnator Dr. Yatheshth Anand: Organizing Secretary	TEQIP-III	National
2.	Faculty Development Program on Energy Simulation (04th to 08th November 2019)	School of Energy Management	Dr. Vineet V.Tyagi: Cooridnator Dr. Yatheshth Anand: Cooridnator	TEQIP-III	National

			Dr. Sanjeev Anand: Organizing Secretary		
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9.6 Ph.D. Guided 2019-2020

Sl./ 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.	Mr. Aditya Chauhan	Supervisor: Dr. Sanjeev Anand Co-supervisor: Dr. Vineet V. Tyagi	----	“Thermal Modeling and Experimental Validation of PV/Thermal System for Different Applications”

9.7 Students' Achievement (2019-2020)

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1.	Atin K. Pathak	15DEM001	Paper Presentation in International Conference	M.M.M. University of Technology, Gorakhpur, U.P.
2.	Sahil Thappa	17DEM001	Paper Presentation in International Conference	Manipal University, Jaipur, Rajasthan
3.	Shubham Kumar Verma	18DEM001	Paper Presentation in International Conference	Manipal University, Jaipur, Rajasthan
4.	Shubham Kumar Verma	18DEM001	Paper Presentation in International Conference	I.I.T. Roorkee, Uttarakhand
5.	Har Mohan Singh	16DEM001	Paper Presentation in International Conference	SMVDU, Katra
6.	Har Mohan Singh	16DEM001	Paper Presentation in International Conference	Central University of Jammu, Jammu, (J&K)

SCHOOL OF MECHANICAL ENGINEERING

1. Name of the School: Mechanical Engineering

2. Faculty Profile:

S. No	Name of the Faculty Member	Designation	Qualification	Specialization
1	R.K. Mishra (Head, SOME)	Assoc. Prof.	Ph.D.	Computational Mechanics & Materials
2	Eswaramoorthy Mughusamy	Professor	Ph.D.	Solar Thermal Energy
3	Balbir Singh	Assoc. Prof.	Ph.D.	Production
4	Ankush Anand	Assoc. Prof.	Ph.D.	Design & Sustainability
5	Yatheshth Anand	Asst. Prof.	Ph.D.	CAD/CAM Energy
6	Sanjay Mohan Sharma	Asst. Prof.	Ph.D.	Industrial & Design
7	Varun Dutta	Asst. Prof.	M.Tech.	Design
8	Sanjay Sharma	Asst. Prof.	Ph.D.	Thermal Engg.
9	Mir Irfan Ul Haq	Asst. Prof.	Ph.D.	Design
10	Kapil Chopra	Asst. Prof.	M.Tech.	Thermal Engineering
11	Amit Kumar Sinha	Asst. Prof.	Ph.D.	Systems Engg.
12	Ankush Raina	Asst. Prof.	Ph.D.	Mechanical Systems Design
13	Rajiv Kumar	Asst. Prof.	Ph.D.	Industrial & Production

3. Programmes Offered & Enrollment (2019-2020):

B.Tech.	M.Tech.
Mechanical Engineering	Mechanical Engineering.

4. Details of B.Tech. Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	49	1	50

5. Details of M.Tech./M.Sc./M.A Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	9	-	9
M.Tech (Mech. Engg.)			

6. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	1	-	1
Awarded 2019-20 (Could be awarded)	04		
Total Presently under Supervision			

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020):

Example:

Sl. 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.	Seminar, 21 st Nov 2019	Bright Avenues for Mechanical Engineering	SoME, SMVDU	Dr. Balbir Singh, Associate Professor	University
2.	Engineers Day Celebration on 15th Sep 2019	Engineering for Change	SoME, SMVDU	Dr. Balbir Singh, Associate Professor	University
3.	4th Austria-India-Symposium on Materials Engineering and Tribology (EcoTrib 2019).	Sustainability Modelling of Tribo materials using a holistic framework	The Austrian Tribology Society - Member of International Tribology Council (ITC)	Invited Talk (Dr. Ankush Anand)	International (Austria-Vienna)
4.	STC at IIT, Jammu	Sustainability based Material Selection for 3D Printing Applications at IIT, Jammu	AICTE Sponsored STC at IIT Jammu	Invited Talk (Dr. Ankush Anand)	National

8. Degree Awardees Nos. (2019-2020):

B.Tech : 41

M.Tech : 15

M.Sc. : Nil

Ph.D. : 04

Information of Ph.D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.
1.	Ankush Raina	Dr. Ankush Anand	15DME 001
2.	Mir irfan ul Haq	Dr. Ankush Anand	15DME 002
3.	Amit Kumar Sinha	Dr. Ankush Anand	15DME 003
4.	Rajiv Kumar	Dr. Ankush Anand	15DME 004

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl. No	Title of the project	Whether major or	Funding agency	Funding received/	Role performed:	Date of commenc	Whether outcome/
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		minor project		Total grants	Investigator/ Co-investigator/ Project director	ement and date of completion	outputs sent to sponsoring Govt. Agency

9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National

9.3 Research Publications (with full details in below format) for 2019-2020: For chapters in a book (2019-2020)

Sl. 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.	Experimental Study for MRR and TWR on Machining of Inconel 718 using ZNC EDM, Page:163-173. Rajesh Kumar & Balbir Singh	Strategic System Assurance and Business Analytics	P.K Kapur, Ompal Singh, Sunil Kumar khatri And Ajit kumar Verma	Springer Nature Singapore Pte Ltd. 2020	https://doi.org/10.1007/978-981-15-3647-2_13 .
2.	A critical assessment of electric discharge machining process: Variants and hybrid approaches Vivudh Gupta, Balbir SinghR.K. Mishra and Pawandeep Singh	Advanced Materials & Manufacturing	Anand Pandey	Evincepub Publisher, India	ISBN: 978-93-89988-70-3

Format for Providing Data Regarding Published Journal Papers (Only SCI/SCIE/ABDC/Scopus Listed Journals) in 2019-2020

S. No.	Name of Faculty	Title of the paper with page no.	Name of the Journal with Impact Factor & ISSN	Link of the paper	Whether you are first/c	Remarks

					Corresponding author (Yes/No)	
1.	Dr Eswaramoorthy Muthusamy	Experimental study on hybrid natural circulation type solar air heater with paraffin wax based thermal storage	Materials Today: Proceedings ISSN: 2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785319317511	No	SCOPUS
2.	Dr Eswaramoorthy Muthusamy	An Experimental Investigation on multi-V and protrusion element on absorber plate of solar air heater	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects IF: 0.8 ISSN: 1556-7036	https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1618986	No	SCI
3.	R.K. Mishra	Machining of Titanium and Titanium Alloys by Electric Discharge Machining Process: A Review	Int. J. Machining and Machinability of Materials, ISSN online:1748-572X	https://www.inderscience.com/jhome.php?jcode=ijmmm	No	SCOPUS
4.	R.K. Mishra	Study the Effect of Pre-corrosion on Mechanical Properties and Fatigue Life of Aluminium Alloy 8011	Materials Today: Proceedings ISSN: 2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785319325544	Yes	SCOPUS
5.	R.K. Mishra	Utilization of waste saw dust from wood industry in development of glass fiber epoxy resin hybrid green composite material	Annales de Chimie-Science des Matériaux ISSN: 0151-9107 (print); 1958-5934 (online) IF: 0.4	http://www.iicta.org/Journals/ACSM	No	SCI and SCOPUS
6.	Dr. Ankush Anand	Optimizing supply chain network for perishable products using improved bacteria foraging algorithm. 86	Applied Soft Computing IF: 4.8 ISSN: 1568-4946	https://www.sciencedirect.com/science/article/pii/S1568494619307021	No	SCIE
7.	Dr. Ankush Anand	A holistic framework for lot sizing problem in fast-moving perishable products (Online Available)	Scientia Iranica IF: 0.5 ISSN: 1026-3098	http://scientiairanica.sharif.edu/article_21204.html	Yes	SCIE
8.	Dr. Ankush Anand	Tribological behaviour of Fe-C-Ni self-	Materials Research Express	https://iopscience.io	No	SCIE

		lubricating composites with WS2 solid lubricant. 6, no. 12 (2019): 126507	I.F: 1.449 ISSN: 20531591	p.org/nsearch?terms=Tribological+behaviour+of+Fe%20%80%93C%20%80%93Ni+self-lubricating+composites+with+WS2+solid+lubricant		
9.	Dr.AnkushAnand	Calcium Fluoride a Potential Solid Lubricant for Green Tribology and Sustainability, 587-595	Lecture Notes in Mechanical Engineering SCOPUS ISSN: 21954364	https://link.springer.com/chapter/10.1007/978-981-15-1071-7_48	No	SCOPUS
10.	Dr.AnkushAnand	Evaluation of mechanical properties of ramie/banana reinforced hybrid composites 95-104,	Journal of Mechanical Engineering SCOPUS ISSN: 18235514	https://jmeche.uitm.edu.my/wp-content/uploads/2019/12/8%20ICAME%202019%20ID60.pdf	No	SCOPUS
11.	Dr.AnkushAnand	Friction and Wear Behaviour of AA2024/ZrO2 Composites: Effect of Graphite, 597-601	Lecture Notes in Mechanical Engineering SCOPUS ISSN: 21954364	https://link.springer.com/chapter/10.1007/978-981-15-1071-7_49	No	SCOPUS
12.	Dr.AnkushAnand	Tribological behavior of natural fiber reinforced epoxy based composites: A review (Volume 18, Part 7, 2019, 3247-3251)	Materials Today Proceedings (Elsevier) ISSN: 2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785319323338	No	SCOPUS
13.	Dr.AnkushAnand	Development of an alternative for corrosive resistant galvanized steel compatible for laser welding." (2020).	Materials Today: Proceedings ISSN: 2214-7853	https://www.sciencedirect.com/science/article/pii/S22147	No	SCOPUS

				85320327 115		
14.	Dr. Sanjay Mohan	Tribological behaviour of Fe–C–Ni self-lubricating composites with WS2 solid lubricant. 6, no. 12 (2019): 126507	Materials Research Express I.F: 1.449 ISSN: 20531591	https://iopscience.iop.org/nsearch?terms=Tribological+behaviour+of+Fe%20%80%93C%20%80%93Ni+self-lubricating+composites+with+WS2+solid+lubricant	Yes	SCIE
15.	Dr.Sanjay Mohan	Design and fabrication of a safety frame for workers carrying out head lifting at construction sites, 1250-1265	Journal of Engineering, Design and Technology SCOPUS ISSN: 1726-0531	https://www.emerald.com/insight/content/doi/10.1108/JEDT-02-2019-0037/full/html	Yes	SCOPUS
16.	Dr.Sanjay Mohan	Calcium Fluoride a Potential Solid Lubricant for Green Tribology and Sustainability, 587-595	Lecture Notes in Mechanical Engineering SCOPUS ISSN: 21954364	https://link.springer.com/chapter/10.1007/978-981-15-1071-7_48	Yes	SCOPUS
17.	Dr.Sanjay Mohan	Evaluation of mechanical properties of ramie/banana reinforced hybrid composites 95-104,	Journal of Mechanical Engineering SCOPUS ISSN: 18235514	https://jmeche.uitm.edu.my/wp-content/uploads/2019/12/8%20ICAME%202019%20ID60.pdf	No	SCOPUS
18.	Dr.Sanjay Mohan	Friction and Wear Behaviour of AA2024/ZrO2 Composites: Effect of Graphite, 597-601	Lecture Notes in Mechanical Engineering SCOPUS ISSN: 21954364	https://link.springer.com/chapter/10.1007/978-981-15-1071-7_49	No	SCOPUS
19.	Dr. Sanjay Sharma	Dynamic and stability	Proceedings of the	https://doi	Yes	SCIE

		performance improvement of the hydrodynamic bearing by using triangular-shaped textures pp. 1-16, Dec. 2019.	Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology,	.org/10.1177/1350650119891513		
20.	Dr. Sanjay Sharma	The dynamic performance analysis of chevron-shape textured hydrodynamic bearings. Vol. 72 No. 1, pp. 1-8, July 2019	Industrial Lubrication and Tribology, 2019.	https://doi.org/10.1108/ILT-05-2019-0172	Yes	SCIE
21.	Dr. Sanjay Sharma	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. May, 2020	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology,	Accepted (24, May 2020)	Yes	SCIE
22.	Dr. Sanjay Sharma	A study on the effect of Friction Stir Processing on the hardness of Aluminum 6000 series. Volume 18, Part 7, 2019, Pages 5185-5188, Nov. 2019	Materials Today: Proceedings ISSN: 2214-7853	https://doi.org/10.1016/j.matpr.2019.07.517	No (Co-Author)	Scopus
23.	Dr. YatheshthAnand	Thermal selective coatings and its enhancement characteristics for efficient power generation through parabolic trough collector (PTC) Page 557-577	Clean Technologies and Environmental Policy IF-2.277 Electronic ISSN: 1618-9558	https://link.springer.com/article/10.1007/s10098-020-01820-3	No	
24.	Dr. YatheshthAnand	Analysis for determining the impact of air quality and thermal comfort in an enclosed cavity	Materials Today: Proceedings ISSN: 2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785320328741	Yes	Corresponding Author SCOPUS
25.	Dr. YatheshthAnand	Analytical comparison of two distinct receiver tubes of a parabolic trough solar collector system for thermal application	Materials Today: Proceedings ISSN: 2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785320328777	No	SCOPUS
26.	Dr. Mir Irfan Ul Haq	Effect of surface texturing on friction	Polymer Testing (Impact Factor of 2.94 and ISSN	https://doi.org/10.1	No	SCIE

		behaviour of 3D printed polylactic acid (PLA)	0142-9418)	016/j.polymer.2020.106434		
27.	Dr. Mir Irfan UIHaq	Tribological behaviour of Fe-C-Ni self-lubricating composites with WS ₂ solid lubricant	Materials Research Express (Impact Factor of 1.4 and Online ISSN: 2053-1591)	https://doi.org/10.1088/2053-1591/ab52d2	No	SCIE
28.	Dr. Mir Irfan UIHaq	Dry Sliding Friction and Wear Behaviour of AA6082- TiB ₂ In Situ Composites	Silicon (Impact Factor of 1.2 and Online ISSN: 1876-9918)	https://doi.org/10.1007/s12633-019-00237-y	YES	SCIE
29.	Dr. Mir Irfan UIHaq	Performance evaluation of Hazelnut oil with copper nanoparticles - A new entrant for sustainable lubrication	Industrial Lubrication and Tribology (Impact Factor of 1.03 and Online ISSN: 0036-8792)	10.1108/ILT-07-2018-0257	No	SCIE
30.	Dr. Mir Irfan UIHaq	Evaluation of mechanical properties of ramie/banana reinforced hybrid composites	Journal of Mechanical Engineering (ISSN 1823-5514)	https://jmeche.uitm.edu.my/wp-content/uploads/2019/12/8%20ICAME%202019%20ID60.pdf	No	SCOP US
31.	Dr. Mir Irfan UIHaq	Effect of Fused Deposition Modelling Process Parameters on Mechanical Properties of 3D Printed Parts	World Journal of Engineering (ISSN 1708-5284)	https://doi.org/10.1108/WJE-09-2018-0329	YES	SCOP US
32.	Dr. Mir Irfan UIHaq	Towards Sustainable Automobiles-Advancements and Challenges	Progress in Industrial Ecology, An International Journal (ISSN 1478-8764)	https://doi.org/10.1504/PIE.2019.102840	YES	SCOP US
33.	Dr. Rajiv Kumar	Evaluation of mechanical properties of ramie/banana reinforced hybrid composites (Vol SI 8(1), 95-104, 2019)	Journal of Mechanical Engineering (ISSN 1823-5514, e-ISSN 2550-164)	https://jmeche.uitm.edu.my/wp-content/uploads/2019/12/8%20ICAME%202019%20ID60.pdf	Yes	SCOP US
34.	Dr. Rajiv Kumar	Tribological behavior of natural fiber reinforced epoxy based composites: A review (Volume 18,	Materials Today Proceedings (Elsevier) ISSN: 2214-7853	https://www.sciencedirect.com/science/article/p	Yes	SCOP US

		Part 7, 2019, 3247-3251)		ii/S2214785319323338		
35.	Dr. Rajiv Kumar	Tribological behaviour of Fe-C-Ni self-lubricating composites with WS ₂ solid lubricant	Materials Research Express (Impact Factor of 1.4 and Online ISSN: 2053-1591)	https://doi.org/10.1088/2053-1591/ab52d2	No	SCIE
36.	Dr. Ankush Raina	Dry Sliding Friction and Wear Behaviour of AA6082-TiB ₂ in Situ Composites	Silicon IF:1.2 ISSN: 1876-990X	https://link.springer.com/article/10.1007/s12633-019-00237-y	No	SCI
37.	Dr. Ankush Raina	Effect of surface texturing on friction behaviour of 3D printed polylactic acid (PLA)	Polymer Testing ISSN: 0142-9418 2.94	https://www.sciencedirect.com/science/article/abs/pii/S0142941819321981	Yes	SCI
38.	Dr. Ankush Raina	Performance evaluation of hazelnut oil with copper nanoparticles - a new entrant for sustainable lubrication	<u>Industrial Lubrication and Tribology</u> 1.030 ISSN: 0036-8792	https://www.emerald.com/insight/content/doi/10.1108/LT-07-2018-0257/full/html	Yes	SCIE
39.	Dr. Ankush Raina	Tribological behaviour of Fe-C-Ni self-lubricating composites with WS ₂ solid lubricant	Materials Research Express ISSN: 2053-1591 1.44	https://iopscience.iop.org/article/10.1088/2053-1591/ab52d2/meta	No	SCIE
40.	Dr. Ankush Raina	Towards sustainable automobiles-advancements and challenges	Progress in Industrial Ecology, an International Journal ISSN: 1478-8764	https://doi.org/10.1504/PIE.2019.102840	No	SCOPUS
41.	Dr. Ankush Raina	Effect of fused deposition modelling process parameters on mechanical properties of 3D printed parts	<u>World Journal of Engineering</u> 0.76 ISSN: 1708-5284	https://www.emerald.com/insight/content/doi/10.1108/WJE-09-2018-0329/full/html	No	SCOPUS
42.	Amit Kumar Sinha	Divergent Linkage Reconfigurable Mould	Materials Today: Proceedings 18 (2019)	https://www.sciencedirect.com/science/article/abs/pii/S2214785319323338	No	SCOPUS

		For Rapid Prototyping. 2903-2908	ISSN: 2214-7853	cedirect.com/science/article/pii/S2214785319322928		
43.	Amit Kumar Sinha	Optimizing supply chain network for perishable products using improved bacteria foraging algorithm. 86 (2020): 105921.	Applied Soft Computing IF: 4.8 ISSN: 1568-4946	https://www.sciencedirect.com/science/article/pii/S1568494619307021	Yes	SCIE
44.	Amit Kumar Sinha	Development of an alternative for corrosive resistant galvanized steel compatible for laser welding. (2020).	Materials Today: Proceedings ISSN: 2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785320327115	Yes	SCOPUS
45.	Vivudh Gupta, Pawandeep Singh, Balbir Singh and R.K. Mishra, (No)	Wear behavior of AA7075 based composites: A state of the art survey	AIP Conference Proceedings	2148, 030011 (Sep, 2019): https://doi.org/10.1063/1.5123935	Scopus	
46.	Pawandeep Singh, Vivudh Gupta, R.K. Mishra and Balbir Singh (No)	Effect of micro filler reinforcement on mechanical and wear characteristics of metal matrix composites: A review	AIP Conference Proceedings	2148, 030011 (Sep, 2019): https://doi.org/10.1063/1.5123933 .	Scopus	
47.	Vivudh Gupta, Balbir Singh, R.K. Mishra	Machining of Titanium and Titanium Alloys by Electric Discharge Machining Process: A Review	Int. J. Machining and Machinability of Materials, ISSN online:1748-572X	22(2), 2020, 99-121	Scopus	

For book:

For chapters in a book(2019-2020):

Sl. 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.	Experimental Study for MRR and TWR on Machining of Inconel 718 using ZNC EDM, Page:163-173.	Strategic System Assurance and Business Analytics	P. K. Kapur, Ompal Singh, Sunil Kumar Khatri and Ajit Kumar Verma	Springer Nature Singapore Pte Ltd. 2020	https://doi.org/10.1007/978-981-15-3647-2_13 .

	Rajesh Kumar & Balbir Singh				
2.	A critical assessment of electric discharge machining process: Variants and hybrid approaches Vivudh Gupta, Balbir Singh, R.K. Mishra and Pawandeep Singh	Advanced Materials & Manufacturing	Anand Pandey	Evincepub Publisher, India	<u>ISBN: 978-93-89988-70-3</u>

For paper(2019-2020):

Sl. 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.	Vivudh Gupta, Pawandeep Singh, Balbir Singh and R.K. Mishra, (No)	Wear behavior of AA7075 based composites: A state of the art survey	AIP Conference Proceedings	2148, 030011 (Sep, 2019): https://doi.org/10.1063/1.5123935	Scopus
2.	Pawandeep Singh, Vivudh Gupta, R.K. Mishra and Balbir Singh (No)	Effect of micro filler reinforcement on mechanical and wear characteristics of metal matrix composites: A review	AIP Conference Proceedings	2148, 030011 (Sep, 2019): https://doi.org/10.1063/1.5123933 .	Scopus
2.	Vivudh Gupta, Balbir Singh, R.K. Mishra	Machining of Titanium and Titanium Alloys by Electric Discharge Machining Process: A Review	Int. J. Machining and Machinability of Materials, ISSN online:1748-572X	22(2), 2020, 99-121	Scopus

9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented (2019-2020)

Example:

Sl. No	Title of the	Title of the Talk	Organizing	Who presented as	National/
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	Seminar/Conference/Workshop and Dates & Year	(if presenter) Or For Short-term course & Workshop (NA)	agency	Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker Or Simply Attended	International (abroad)/ International (within the country)/ State/University
Faculty Name: Dr. Balbir Singh, Associate Professor					
1.	TEQIP-III sponsored STC on “Automation & IoT for Smart Manufacturing” 10 th -14 th December, 2019,	NA	IIT Delhi at Sonapat Campus	Attended	National
2.	TEQIP-III sponsored Faculty Development Program for Student Induction Program (SIP) on Universal Human Values (UHV). 17 th Jan to 23 rd Jan, 2020	NA	Punjab University, Chandigarh	Attended	National
3.	ICT based One Day Hands on Workshop on 8 th February, 2020 ‘Arduino’	NA	Teaching Learning Centre, ICT at IIT Bombay, funded PMMMNMTT, MHRD, Govt. of India	Attended	National
4.	‘Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop’ through IIT Bombay BodhiTree platform, 24 May 2020	NA	Centre, ICT at IIT Bombay, funded PMMMNMTT, MHRD, Govt. of India	Attended	National
5.	Online Faculty Development Program on “Internet of Things (IoT) using Amazon Web Services (AWS), 15th-19th June 2020	NA	Finland Labs (A Unit of Revert Technology Pvt. Ltd.) in Association with National Social Summit, IIT Roorkee	Attended	National
6.	Waste Management – Waste to Wealth	A Week Long Short Term Course	held at IIT, Kgp, Nov. 2019.	Attended	National

9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

Sl. 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
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1.	Organized Engineers Day Celebration on 15th Sep 2019 for faculty and students of SMVDU.	Dr. Balbir Singh	Coordinator	School of Mechanical Engineering, SMVDU	University
2.	STC on Engineering Optimization	SMVDU and JNTU-H (Dr. Ankush Anand & Prof. M.Indira Rani)	Coordinator	TEQIP -III	National

9.6 Ph.D. Guided 2019-2020

Sl./ 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	Ankush Raina	Dr. Ankush Anand	Tribological Investigation of Lubricating oils with Nano Additives	Oral Defense Held on 28/02/2020
2	Mir irfan Ul Haq	Dr. Ankush Anand	Evaluation of Mechanical and Tribological Performance of Novel Alumunium 7075 Composites	Oral Defense Held on 29/5/2020
3	Rajiv Kumar	Dr. Ankush Anand	Tribological Investigation of Natural Fibre Reinforced Polymer Composites	Oral Defense Held on 29/5/2020
4	Amit Kumar Sinha	Dr. Ankush Anand	Supply Chain Configuration for Sustainable New Product Development: A Multi-objective Model and Its Solution Approach	Oral Defense Held on 09/06/2020

9.7 Students' Achievement (2019-2020)

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1.	Paarth Gupta	17bme034	Presented paper titled "Solar Energy Society, 49 th Annual Solar Conference, held on 24-25 june 2020.	George Washington University, Washiongton Dc, but due to the covid-19, it was organized virtually.
2.	Aniket Sharma	18MMA002	Published research	Science Citation Index

			paper “The effect of v shaped protruded and dimple textured on the load carrying capacity and coefficient of friction of hydrodynamic journal bearing- A comparative numerical study”	Journal.
3.	Vivek Sharma		Selected for summer Research	

SCHOOL OF ELECTRICAL ENGINEERING

1. Name of the School: School of Electrical Engineering

2. Faculty Profile:

S. No	Name of the Faculty Member	Designation	Qualification	Specialization
1	Dr. K. R. Jha	Associate Professor	AMIE (ECE), M.E (ECE). Ph.D. (ECE) Post Doc. (USA)	Antenna Design, Microwave Engineering
2	Dr. Kamaldeep	Assistant Professor	Ph. D.	Power Electronics & Drives, Multilevel Inverter, Integration of Renewable Energy Sources, FACTS Devices, Power Quality Improvement, Electric Machines.
3	Dr. Arjun Tyagi	Assistant Professor	Ph. D.	Power System Analysis, Electric Distribution System, Renewable Energy Systems and EVs

3. Programmes Offered & Enrollment (2019-2020):

B.Tech.
38

4. Details of B.Tech. Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	31	7	38

5. Details of M.Tech./M.Sc./M.A Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry			

6. Details of Research Scholars:

Year 2019-20	Ph.D.
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	Male	Female	Total
Admitted 2019-20			
Awarded 2019-20			
Total Presently under Supervision			

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020):

Example:

Sl. 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

8. Degree Awardees Nos. (2019-2020): (data pertaining to Examination section)

B.Tech : _____

M.Tech : _____

M.Sc. : _____

Ph.D. : _____

Information of Ph.D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl.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	Active FSS:	Major	DRDO	22.87	Principle Investigator	Sep. 2018	Annual Review

Synthesis of Frequency Agile Frequency Selective Surface						Completed and partial outcome conveyed to Agency
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9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National
1	-Nil-	-Nil-	-Nil-

9.3 Research Publications (with full details in below format) for 2019-2020:

For paper (2019-2020):

Sl. 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	Umar Maqbool, Arjun Tyagi*, V. V. Tyagi and Richa Kothari	Optimization of the renewable-energy-based micro-grid for rural electrification in northern region of India	<i>Clean Technologies and Environmental Policy</i>	ISSN= 1618-9558 pp. 1-12, January 2020	SCI
2	Arjun Tyagi, Krishan Kumar, M. A. Ansari and Bhavnesh Kumar	An Efficient Load Flow Solution for Distribution System with Addition Distributed Generation	<i>Journal of Electrical Systems and Information Technology</i>	ISSN: 2314-7172 vol. 7, no. 7, pp. 1-16, April 2020	Springer Nature
3	Arjun Tyagi, Krishan Kumar, Kamaldeep, Nitin Tyagi and Vinaya Rana	Distribution Network Reconfiguration under Uncertainties in	<i>International Journal of Scientific & Technology Research</i>	ISSN=2277-8616 vol. 09, no. 4, pp. 423-427, April 2020	Scopus

		Load and Renewable Generation Forecast			
4	Vinaya Rana, M. A. Ansari, Yogesh K. Chauhan, Arjun Tyagi and Krishan Kumar	A Novel Scheme of Parameters Control of Microturbine System at Different Loading Conditions	<i>Taylor & Francis Journal of Information and Optimization Sciences</i>	ISSN=2169-0103 vol. 41, no. 1, pp. 293-303, February 2020	ABDC, ESCI, INSPEC®(IET)
5	1.Kamaldeep 2.Jagdish Kumar	A Novel Cascaded Asymmetrical Multilevel Inverter With Reduced Number of Switches (7389-7399)	IEEE Transactions on Industry Applications. Electronic ISSN: 1939-9367 doi: 10.1109/TIA.2019.2933789	Volume 55, Issue No. 6, Year 2019 Page No. 7389-7399	SCI Impact Factor = 3.347,
6	Arjun Tyagi, Krishan Kumar, Kamaldeep, Nitin Tyagi and Vinaya Rana	Distribution Network Reconfiguration under Uncertainties in Load and Renewable Generation Forecast	<i>International Journal of Scientific & Technology Research</i> ISSN=2277-8616	vol. 09, no. 4, pp. 423-427, April 2020	Scopus

9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented (2019-2020)

Example:

Sl. 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 Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
Conferences					
1	<i>IEEE International Conference on Recent Developments in Control, Automation & Power Engineering</i> , Noida, India, 10-11 October 2019	A New Multilevel Inverter Topology with Minimal Power Electronics Component	IEEE	Paper Presentation	International
2	<i>International</i>	Optimal Design	SMVDU	Paper Presentation	International

	<i>Conference on Advancement in Engineering Sciences, Katra (J&K), India, 28-29 September 2019</i>	and Economic Feasibility of Autonomous Microgrid System			
3	<i>International Conference on Advancement in Engineering Sciences, Katra (J&K), India, 28-29 September 2019</i>	Adequacy Analysis of Hybrid Renewable Energy Systems	SMVDU	Paper Presentation	International
4	<i>International Conference on Advancement in Engineering Sciences, Katra (J&K), India, 28-29 September 2019</i>	Low Voltage Ride Through for Renewable Energy Based Hybrid System	SMVDU	Paper Presentation	International
5	<i>International Conference on Advancement in Engineering Sciences, Katra (J&K), India, 28-29 September 2019</i>	Performance Analysis of Grid-Tied Solar PV Systems Using PVsyst Software	SMVDU	Paper Presentation	International
6	<i>International Conference on Advancement in Engineering Sciences, Katra (J&K), India, 28-29 September 2019</i>	--	SMVDU	Resource person (Session Chair)	International
7	6th International Conference on Recent Trends and Advancement in Engineering and Technology, 17-18 January 2020 at Shri Mata Vaishno Devi University, Katra, J & K, India	--	SMVDU	Resource person (Session Chair)	International
8	<i>IEEE International Conference on Recent Developments in Control, Automation & Power Engineering, Noida, India, 10-11 October 2019</i>	A New Multilevel Inverter Topology with Minimal Power Electronics Component	IEEE	Paper Presentation	International
9	<i>International Conference on Advancement in Engineering Sciences, Katra (J&K), India, 28-29 September 2019</i>	--	SMVDU	Resource person (Session Chair)	International
10	6th International	--	SMVDU	Resource person	International

	Conference on Recent Trends and Advancement in Engineering and Technology, 17-18 January 2020 at Shri Mata Vaishno Devi University, Katra, J & K, India			<i>(Session Chair)</i>	
FDP					
11	Faculty development program on Energy Simulation on 08 November 2019 at Shri Mata Vaishno Devi University, Katra, India	<i>Optimization Techniques in Engineering</i>	SMVDU	Invited lecture	National
12	Faculty development program on Energy & Power Systems on 06 August 2019 at Shri Mata Vaishno Devi University, Katra, India	<i>Modern Electric Distribution System: The Challenges and Scope</i>	SMVDU	Invited lecture	National
13	NPTEL-AICTE Faculty Development Programme, Aug-Oct 2019	Introduction to Research	NPTEL	Attended	National
14	Smart Grid, Project Management, Genetic Algorithm, Online learning and Application of Engineering in Practical Life from 28th-31st May 2020		Integral University, Lucknow, Uttar Pradesh	Attended	National
15	Green Energy Technologies for Sustainable Development” from 11 - 20 June, 2020.		Jointly organized by National Institute of Technology, Kurukshetra and Government Engineering College, Bikaner		

9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

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

9.6 Ph.D. Guided 2019-2020

Sl./ 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)

9.7 Students' Achievement (2019-2020)

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1	Suhani Baru	2018BEE31	Presents a research paper in Third International Conference on Advances in Mechanical Engineering (ICAME 2020), Kattankulathur, Chennai on 28th February, 2020	SRM Institute of Science and Technology, Kattankulathur, Chennai

SCHOOL OF CIVIL ENGINEERING

1. Name of the School: Civil Engineering

2. Faculty Profile:

S. No	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. Rahul Sharma	Assistant Professor	Phd (Civil Engineering), M.Tech (Structural & Construction Engineering), B.Tech	Structures, Concrete Technology, Sustainable Construction Materials, Recycling of Materials, Life Cycle Assessment.
2.	Dr. Bharat Bhushan Jindal	Assistant Professor	PhD (Structural Engineering) , M.Tech. (Structures) , M.E. (Soil Mechanics and Foundation Engineering), B.E. (Civil Engineering)	Structures, Geopolymer Concrete, Steel Fibre Concrete, Construction Materials, Green and Sustainable Concrete
3.	Dr. Vaibhav Rajiv Sapkal	Assistant Professor	Ph.D. (Environmental Engineering, Dept. of Civil Engineering, IIT Roorkee), M.Tech. (Environmental Engineering), B.E. (Civil Engineering)	Water treatment, Waste water treatment and management, Solid waste management, MSW leachate treatment and management, Membrane technology, Advance chemical treatment, Air pollution, Waste to energy

3. Programmes Offered & Enrollment (2019-2020):

B.Tech.	M.Tech.
61 students enrolled (4 students left)	Not Applicable

4. Details of B.Tech. Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
B.Tech Civil Engg. (2019-20)	51	6	57

5. Details of M.Tech./M.Sc./M.A Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry			
Not Applicable			

6. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	Not Applicable		
Awarded 2019-20			
Total Presently under Supervision			

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020):

Example:

Sl. 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	One Week AICTE _QIP FDP on Waste to Energy – A Green Approach Solar Energy, 3 -7 July 2019 (Lecture on 6 July 2019)	Treatment of municipal solid waste and landfill leachate	Department of Chemical Engineering, Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded (Maharashtra)	Dr. Vaibhav Rajiv Sapkal	National
2	Faculty Development Program on Energy and Power Systems, 05 – 09 August 2019 (Lecture on 09 August 2019)	Municipal solid waste and leachate management for India : Status, challenges and energy generation from waste	School of Energy Management, Shri Mata Vaishno Devi University Katra (J&K)	Dr. Vaibhav Rajiv Sapkal	National
3	One week National Workshop on ‘Civil Engineering for Green and Inclusive Sustainable Development, 16 – 20 September 2019	Municipal solid waste and leachate management for India	Department of Civil Engineering, Rajkiya Engineering College, Ambedkar Nagar (U.P.)	Dr. Vaibhav Rajiv Sapkal	National
4	One week National Workshop on ‘Civil Engineering for Green and Inclusive Sustainable Development, 16 – 20 September 2019	Treatment of waste by waste with zero discharge	Department of Civil Engineering, Rajkiya Engineering College,	Dr. Vaibhav Rajiv Sapkal	National

			Ambedkar Nagar (U.P.)		
5	One week short term training program on 'Recent Trends in Civil Engineering', 13-17 November 2019	Impact of Municipal Solid Waste on Environment in India	Department of Civil Engineering, Rajkiya Engineering College, Ambedkar Nagar (U.P.)	Dr. Vaibhav Rajiv Sapkal	National
6	Attended Selection Committee meeting (As a subject expert) of Civil Engineering on 09-07-2019 at University of Jammu, Jammu				

8. Degree Awardees Nos. (2019-2020):

B.Tech : Nil

M.Tech : Not Applicable

M.Sc. : Not Applicable

Ph.D. : Not Applicable

Information of Ph.D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.
Not Applicable			

9. Information About Each Faculty

9.1 a) Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl.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
Not Applicable							

b) Consultancy Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl. No	Title	Agency	CI	Co-CI	School	Cost of Project (In Rs.)	Consultancy Charges (In Rs.)	University Charges (In Rs.)	Durati on	Consulta ncy ID
1	Vetting of Structural Design for the works "Improvement to Drainage Scheme	Sewerage & Drainage Circle,	Dr. V.K. Dogra,	Dr. Rahul Sharma , AP,	SoC E		33100	7013		CP/19/025

	Gujarat Nagar and its adjoining area”.	Jammu	Head, SoCE	SoCE						
2	Vetting of Structural Design for the works “Construction of Drainage System at Gandhi Nagar”.	Sewerage & Drainage Circle, Jammu	Dr. V.K. Dogra, Head, SoCE	-	SoCE		21600	4576		CP/19/026
3	Vetting of Structural Design for the work vetting of Structural Design for the work “Improvement to Drainage System in Peerkho Areas D/s Circular Road”.	Sewerage & Drainage Circle, Jammu	Dr. V.K. Dogra, Head, SoCE	-	SoCE	8450000	25400	5381	02 Months	CP/19/027
4	Vetting of structural drawings for the construction of officers’ accommodation 3BHK (G+2) for Estate Department at Gulami Bagh, Canal Road, Jammu.	Executive Engineer, Estate Divison, Jammu	Dr. V.K. Dogra, Head, SoCE	-	SoCE	93 Lacs	54871	11625	02 Months	CP/19/028
5	Structural Consultancy for a Residence, Jammu	M/s Tikku & Associates (Architects & Planners)	Dr. V.K. Dogra, Head, SoCE	-	SoCE		20000	4237	02 Months	CP/20/29

9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National
Not Applicable			

9.3 Research Publications (with full details in below format) for 2019-2020:

Example:

For book:

Sl. 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.	Utilization of Municipal Solid Waste Incineration Ash in Concrete	Authored Rahul Sharma, Rizwan A Khan	Lambert Academic Publishing, Germany International	978-3-659-59126-6 2019
2	Management of Solid Waste for Protection of Environment: A New Approach	Dr. Vaibhav Sapkal and Mrs. Pooja Sapkal	Lambert Academic Publishing, Germany International	978-3-659-58577-7 2019

For chapters in a book (2019-2020):

Sl. 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
Not Applicable					

For paper (2019-2020):

Sl. 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.	Rahul Sharma Rizwan A Khan Main Author: Yes (Rahul Sharma)	Carbonation Resistance of Self-Compacting Concrete Incorporating Copper Slag as Fine Aggregates	Name of the Journal: Journal of Materials in Civil Engineering Publisher & Location: American Society of Civil Engineers, USA ISSN No: 0899-1561 DoI: 10.1061/(ASCE)MT.1943-5533.0003200.	Volume: 32 Issue No.: 6 Year: 2020 Page Nos.: 04020144-1 to 04020144-13	SCI Impact factor: 1.984

2.	Bharat Bhushan Jindal Rahul Sharma Main Author: Yes Bharat Bhushan Jindal	The effect of nanomaterials on properties of geopolymers derived from industrial by-products: A state-of-the-art review	Name of the Journal: Construction and Building Materials Publisher & Location: Elsevier ISSN No.: 0950-0618 DoI: https://doi.org/10.1016/j.conbuildmat.2020.119028	Volume: 252 Issue No.: Year: 2020 Page Nos.: 1 to 31	SCI Impact factor: 4.046
3.	Hasan Assaedi, Thamer Alomayri, C.R. Kaze, Bharat Bhushan Jindal, S. Subaer, Faiz Shaikh, Shorooq Alraddadi Main Author : No	Characterization and properties of geopolymer nanocomposites with different contents of nano-CaCO ₃	Name of the Journal: Construction and Building Materials Publisher & Location: Elsevier ISSN No.: 0950-0618 DoI: https://doi.org/10.1016/j.conbuildmat.2020.119137	Volume: 252 Issue No.: Year: 2020 Page Nos.: 119137	SCI Impact factor: 4.046
4.	P.N. Reddy, Bharat Bhushan Jindal, Bode Venkata Kavyateja, A. Narender Reddy Main Author : No	Strength enhancement of concrete incorporating alccofine and SNF based admixture	Name of the Journal: Advances in Concrete Construction Publisher & Location: Techno Press, Korea ISSN No.: 2287-5301 DOI: http://dx.doi.org/10.12989/acc.2020.9.4.345	Volume: 9 Issue No.: 4 Year: 2020 Page Nos.: 345-354	SCIE Impact factor: 2.618
5.	Bharat Bhushan Jindal, Parveen , Atul Garg Main Author : YES	Effects of ultra fine slag as mineral admixture on the compressive strength, water absorption and permeability of rice husk ash based geopolymer concrete	Name of the Journal: Materials Today Proceedings Publisher & Location: Elsevier ISSN No.: 2214-7853 DOI:	Volume: Issue No.: Year: 2020 Page Nos.: 3 In Press	Scopus Impact factor: 1.3

			https://doi.org/10.1016/j.matpr.2020.04.219		
6.	Bharat Bhushan Jindal Main Author : Yes	Investigations on the properties of geopolymer mortar and concrete with mineral admixtures: A review	Name of the Journal: Construction and Building Materials Publisher & Location: Elsevier ISSN No.: 0950-0618 DoI: https://doi.org/10.1016/j.conbuildmat.2019.08.025	Volume: 227 Issue No.: Year: 2020 Page Nos.: 116644	SCI Impact factor: 4.046

9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented (2019-2020)

Example:

Sl. 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.	Recent Trends and Advancements in Engineering and Technology 17-18 January 2020	To assess the potential of copper slag utilization in self compacting concrete	Shri Mata Vaishno Devi University Katra	Dr. Rahul Sharma	International
2.	Recent Advances in Civil Engineering 5 th July, 2019	Influence of copper slag on the fresh properties of self compacting concrete	JNTUH, Hyderabad	Dr. Rahul Sharma	National
3.	IIC Innovation Ambassador Training Series 16-17 January, 2020		Institution's Innovation Council of MHRD's Innovation Cell,	Dr. Rahul Sharma	National

			AICTE		
4.	Faculty Development Program for Student Induction 3 - 9 January, 2020		All India Council for Technical Education(AICTE).	Dr. Rahul Sharma	National
5.	Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop 24 May, 2020		Teaching Learning Centre (ICT) at IIT Bombay	Dr. Rahul Sharma	National
6.	Green Energy Technologies for Sustainable Development 11 - 20 June, 2020		National Institute of Technology, Kurukshetra and Government Engineering College, Bikaner	Dr. Rahul Sharma	National
7.	The People and The Principles Behind Nature-The What, The Why and The How 18 June, 2020		Springer Nature in Collaboration with Infilbnet Centre	Dr. Rahul Sharma	National
8.	The BodhiTree and SAFE Tools for Effective Online Teaching A Hands On Workshop 21 June, 2020		Teaching Learning Centre (ICT) at IIT Bombay	Dr. Rahul Sharma	National
9.	Online FDP on Technological Industrial Practices June 1- June 6, 2020		J.C.Bose University of Science & Technology, YMCA, Faridabad. Organised under TEQIP-3 Twinning	Dr. Bharat Bhushan Jindal	National

			Activity in Collaboration with R.E.E. Ambedkar Nagar U.P.		
10.	National Level 5 days Online Faculty Development Program on LATEX 28 th April to 2 nd May 2020		GNA University in association with Spoken Tutorial Project, IIT Bombay , Funded by the National Mission on Education through ICT, MHRD, Govt. of India	Dr. Bharat Bhushan Jindal	National
11.	Finite Element Methods for Beginners, FDP, April 20-24, 2020		Chitkara University in association with I.K.Gujral PTU Kapurthala	Dr. Bharat Bhushan Jindal	National
12.	Achieving Sustainable Concrete through use of Mineral Admixtures May 8' 2020		ICI Bangalore	Dr. Bharat Bhushan Jindal	International
13.	“Faculty Development Program for Student Induction (FDP-SI)” 02-08 July 2019		AICTE conducted at IIT Ropar	Dr. Bharat Bhushan Jindal	National
14.	National seminar on Unnat Bharat Abhiyan : Prospectus and Challenges 28-29 Nov. 2019		NITTTR in collaboration with IIT Delhi & AICTE	Dr. Bharat Bhushan Jindal	National
15	One week Professorial Development Training under TEQIP III, 26 – 30 August , 2019		Indian Institute of Management Tiruchirappalli	Dr. Vaibhav Sapkal	National
16	One week FDP on Recent Advances in Civil		Civil and Environmental	Dr. Vaibhav Sapkal	National

	Engineering		Engineering Department, Veermata Jijabai Technological Institute, Mumbai		
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9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

Sl. 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.	Faculty Development Program on Universal Human Values for Student Induction 5 th -7 th March 2020	Prof. Eswaramoorthy Muthusamy, Dr. Rahul Sharma, Dr. Arjun Tyagi, Dr. Kamaldeep, Dr. Rajiv Kumar	Co-Coordinator	Shri Mata Vaishno Devi University Katra, All India Council for Technical Education (AICTE)	National
2.	WORKSHOP on GEOPRACTICES – 2019 23 rd November 2019	Dr. M. Padmavathi, Dr. Rahul Sharma, Dr .B. Umashankar	JOINT secretary	Shri Mata Vaishno Devi University Katra, Jawaharlal Nehru technological University College of engineering Hyderabad, INDIAN GEOTECHNICAL SOCIETY HYDERABAD CHAPTER	National
3.	Workshop on STAAD Pro	Dr. Rahul Sharma, Dr. Vaibhav Sapkal,	Coordinator	Shri Mata Vaishno Devi University Katra	University

		Dr. Bharat Bhushan Jindal			
4.	1 st National Conference on Recent Advances in Civil Engineering	Dr. Manjula Wani and Dr. Vaibhav Sapkal	Co- Coordinator	JNTUH Hyderabad and SMVDU Katra	National

9.6 Ph.D. Guided 2019-2020

Sl/ 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)
Not Applicable				

9.7 Students' Achievement (2019-2020)

Not Applicable

SCHOOL OF ARCHITECTURE AND LANDSCAPE DESIGN

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

2. Faculty Profile:

S.No	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Prof. (Dr.) Rajeev Garg	Professor & Head	Ph.D.,B.Arch.	Thermal Performance of Buildings, Architectural Education
2.	Ar. Aditya Kumar Singh	Associate Professor	M.L.A., E.M.I.B., B.Arch.	Landscape Design, International Business, Building Economics, Capital & Stock Management
3.	Dr. V.K. Dogra	Associate Professor	B. E., M. Tech., Ph.D	Design of Large Span Structures with Folded Plates, Shells, Domes, Structural Design of Flat Slabs, Flat slabs with drops and pyramids.
4.	Ar. Abhiney Gupta	Assistant Professor	M.Arch., B. Arch.	Hospitality Architecture, Sustainable approach to buildings, etc.
5.	Ar. Navin Gupta	Assistant Professor	M.Arch., B. Arch.	Landscape Architecture
6.	Ar. Abhimanyu Sharma	Assistant Professor	M.Arch., B. Arch.	Architectural design, Earthquake Resistant Structures, Conservation & Heritage Architecture and Building Construction
7.	Ar. Anoop Kumar Sharma	Assistant Professor	Ph.D. (Pursuing), M.Arch., B. Arch.	Working interest on Sustainable Built Environment , Architecture Design and Contemporary Architecture Trends
8.	Dr. Sourvee Dutta	Assistant Professor	Ph.D. M.Arch, B.Arch.	Urban Design and Urban Planning.
9.	Ar. Vinod Kumar	Assistant Professor	B.Arch., M.C.P., Ph.D. (Pursuing)	City Planning
10.	Ar. Satyanshu Kumar	Assistant professor	B.Arch., M.Tech., Ph.D. (Pursuing)	Sustainable Architecture, Disaster Management
11.	Ar. Aastha Thapa	Assistant Professor	M.U.R.P, B.Arch.	Master of Urban and Rural Planing
12.	Ar. Gaurav Kumar Mishra	Assistant Professor	M.Tech, B.Arch Honors	Architecture and Civil Engineering

3. Programmes Offered & Enrollment (2019-2020):

B. Arch.
24 Admitted and 02 student left the course

4. Details of B.Arch. Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
B. Arch.	13	11	24

5. Details of M.Tech./M.Sc./M.A Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry			
Not Applicable			

6. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	Nil	Nil	Nil
Awarded 2019-20	Nil	Nil	Nil
Total Presently under Supervision	03	Nil	03

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020):

Sl. 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/Univer sity
1.	Universal Design Session	Universal Design Session	SoALD, SMVDU	Prof Kavita Murugkar (Associate Prof, BNCA Pune)	
2.	Special Lecture	Special Lecture	SoALD, SMVDU	Eminent Architect S K Das	
3.	Special Lecture	Aesthetics & Functionality	SoALD, SMVDU	Prof Bijoy Baruah (IIT Ropar)	
4.	Special Session	Special Session	SoALD, SMVDU	Prof Kishore Joglekar (VNIT Nagpur)	
5.	Industry Institute Interaction	Industry Institute Interaction	SoALD, SMVDU	Mr Vimal Mahajan (AGM BD Kone Elevators India)	
6.	Collaborative Studio Organized at SoALD (with B. Arch. Students of SoA at GCET Jammu)	Collaborative Studio Organized at SoALD (with B. Arch. Students of SoA at GCET Jammu)	SoALD, SMVDU	Ar. Anoop Sharma (SoALD, SMVDU) & Ar. Anil Tickoo (SOA, GCET, Jammu)	
7.	Special Lecture for B. Arch. Students	Highrise Building Design Aspects	SoALD, SMVDU	Ar Amit Gangal	

8. Degree Awardees Nos. (2019-2020):

B.Arch. : 24

Ph.D. : Nil

Information of Ph.D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl.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

9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National

9.3 Research Publications (with full details in below format) for 2019-2020:

Example:

For book:

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

For chapters in a book (2019-2020):

Sl. 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

For paper (2019-2020):

Sl. 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. Satyanshu Kumar 2. Dr. Rajeev Garg 3. Ar. Anoop Kumar Sharma	Need of Multi-Hazard Risk Mitigation in Bihar	Name of the Journal: <i>International Journal on Emerging Technologies</i> Publisher & Location: <i>Research Trend</i> , India	Volume: 10 Issue No.: 3 Year: 2019 Page Nos.: 276-280	Scopus Indexed Impact factor:3.1

	Yes, the applicant is the main author		(Online) ISSN No.:2249-3255 DoI:(ISSN or DoI) ISSN No. (Print) : 0975-8364		
2.	1. Ar. Anoop Kumar Sharma 2. Dr. Rajeev Garg 3. Ar. Arshia A Hazarika	Conventional Architecture of Jammu: An Analytical Review	<i>International Journal on Emerging Technologies.</i>	10(3): 114-122(2019) ISSN No. (Print) : 0975-8364 ISSN No. (Online) : 2249-3255	Scopus Indexed Impact Factor-3.1
3.	1. Ar. Anoop Kumar Sharma 2. Dr. Rajeev Garg	Methodological Approach towards Reliving Katra: A Cultural Cluster for Tourism	International Journal on Emerging Technologies	10(1): 169-175(2019) ISSN No. (Print) : 0975-8364 ISSN No. (Online) : 2249-3255	Scopus Indexed Impact Factor-3.1
4.	1. Prof. (Ar.) Jit K. Gupta. 2. Ar. Anoop Kumar Sharma	Compact Cities as an option for making Indian Cities Smart and Sustainable	Journal of the Indian Institute of Architects	August 2019	
5.	1. Ar. Navin Gupta 2. Ar. Abhiney Gupta 3. Dr. V.K. Dogra 4. Ar. Abhimanyu Sharma	Biophilic Design Paradigms Used In The Context Of Hotel Designing	International Conference on Environment and Renewable Energy (ICERE)	6-7 June 2019 at Nice, France (ISSN No. 1001-0742)	
6.	1. Ar. Navin Gupta 2. Ar. Abhiney Gupta 3. Ar. Abhimanyu Sharma 4. Dr. V.K. Dogra	Sustainable Design in Context to Energy Saving in Buildings: A Case Study of Residence in Jammu	International Conference on Environment and Renewable Energy (ICERE)	6-7 June 2019 at Nice, France (ISSN No. 1001-0742)	

9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented (2019-2020)

Example:

Sl. 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 Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1.	One Day Webinar on "Enhancing Research Effectiveness using Scopus, Sciencedirect and Mendeley" on May 01, 2020	One Day Webinar	FDC of Kurukshetra University	Prof. (Dr.) Rajeev Garg (Participated)	National
2.	Online One Week Short Term Training Programme w.e.f 08-06-2020 to 12-06-2020	Vastushastra	IQAC of Tulsiramji Gaikwad-Patil College of Architecture, Nagpur	Prof. (Dr.) Rajeev Garg (Participated)	National
3.	AICTE Training And Learning (ATAL) Academy Online FDP from 15-06-2020	Artificial Intelligence	FICCI	Prof. (Dr.) Rajeev Garg (Participated)	National

	to 19-06-2020.				
4.	Online Course certificate issued on 31-01-2020	C21001: Cities and the Challenge of Sustainable development	SDG Academy	Ar. Abhiney Gupta	
5.	Online Course certificate issued on 06-01-2020	C21001: Cities and the Challenge of Sustainable development	SDG Academy	Ar. Navin Gupta	
6.	One Week FDP on Energy Simulation		School of Energy Management, SMVDU	Ar. Abhimanyu Sharma (Attended)	National
7.	Online Course Certificate issued on January 6, 2020	IDB20.1x: Rise up:Climate Change Education	Online Learning Initiative of Inter-American Development Bank	Ar. Abhimanyu Sharma (Attended)	
8.	One Month Faculty Induction Program under FDC at SMVDU			04 no. Special Sessions (talk) by Ar. Anoop Sharma	National
9.	NPTEL Online Certification July-Oct 2019 (12 week course)	Sustainable Materials and Green Buildings	MHRD, Govt. of India	Ar Anoop Sharma (attended)	National
10.	NPTEL Online Certification Aug-Oct 2019 (8 Week course)	Diaster Recovery & Build Back Better	MHRD, Govt. of India	Ar Anoop Sharma (attended)	National
11.	6th International Conference w.e.f. January 17-18, 2020	Recent Trends and Advancements in Engineering and Technology (ICRTAET)	Shri Mata Vaishno Devi University, Katra	Ar. Anoop Kumar Sharma (Session Chair & Paper Review Committee)	International (within the country)
12.	Five Days Online Short Term Training Program w.e.f 13-17 May 2020	Bio energy: technoloioies and Transitions	NIT, Kurushetra & Govt. Engineering College, Bikaner under TEQIP-III Mentoring / Twinning System	Ar Anoop Sharma (attended)	National
13.	Two Week Online STTP organized during 11-20 June 2020.	Green Energy Technologies for Sustainable Development	NIT, Kurushetra & Govt. Engineering College, Bikaner under TEQIP-III Mentoring / Twinning System	Ar Anoop Sharma (attended)	National
14.	One Week Online STTP during 23-27 June 2020.	Climate Responsive Settlement Planning & Urban Design	IQAC of TGPCA Nagpur	Ar Anoop Sharma (participated)	National
15.	Online Training on 24 May, 2020	Effective and Efficient Online Teaching in the age of Corona, A Hands on Workshop	Teaching Learning Centre (ICT) at IIT, Bombay	Ar. Sourvee Dutta (participated)	National
16.	ARPIT Coursefor CAS on 16.02.2020	Emerging Areas in Hospital Planning, Design and Facilities Management	School of Planning and Architecture, New Delhi	Ar. Sourvee Dutta (participated)	National
17.	Summer Faculty Resarch Fellow Programme (SFRF 2019)w.e.f 21-05-2019 to 05-07-2019		IIT, Delhi	Ar. Vinod Kumar (participated)	National
18.	ARPIT Coursefor CAS on	Emerging Areas in	School of Planning	Ar. Vinod Kumar	National

	16.02.2020	Hospital Planning, Design and Facilities Management	and Architecture, New Delhi	(participated)	
19.	Online One Week Short Term Training Programme w.e.f 08-06-2020 to 12-06-2020	Vastushastra	IQAC of Tulsiramji Gaikwad-Patil College of Architecture, Nagpur	Ar. Vinod Kumar (attended)	National
20.	AICTE Training and Learning (ATAL) Academy Online FDP w.e.f 16.06.2020 to 20.06.2020	Augmented Reality (AR) / Virtual Reality (VR)	National Institute of Technology, Warangal	Ar. Vinod Kumar	National
21.	Online One Week Short Term Training Programme w.e.f. 23-06.2020 to 27.06.2020	Climate Responsive Settlement Planning, Urban Design and Architecture	IQAC of Tulsiramji Gaikwad-Patil College of Architecture, Nagpur	Ar. Vinod Kumar (attended)	National
22.	Sustainable Materials and Green Buildings, Jul-Oct 2019	NA (FDP)	IIT Delhi, through NPTEL	Ar. Sayanshu Kumar (Attended)	National
23.	6th International Conference on Recent Trends and Advancements in Engineering and Technology (ICRTAET) January 17-18, 2020	Behavioral Dimension In Designing Built Environment For Autism	Shri Mata Vaishno Devi University, Katra	Ar. Sayanshu Kumar (Paper presenter)	International (within the country)
24.	Online Workshop on “Recent Advances in science and Technology of Concrete” held on 2 nd May 2020	NA(Online Workshop)	IIT Madras	Ar. Sayanshu Kumar (Attended)	International (within the country)
25.	Redefining Smart and Sustainable Human Settlements Post COVID-19 May 22, 2020	NA (Webinar)	ASSOCHAM, India	Ar. Sayanshu Kumar (Attended)	International (within the country)

9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

Sl. 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 Webinar on Building Services organized on 30 June 2020	Convener: Dr Rajeev Garg, Secretary: Ar Anoop Sharma	Convener: Prof. (Dr.) Rajeev Garg, Secretary: Ar Anoop Sharma	SoALD, SMVDU	National
2.	Collaborative Studio Organized at SoALD (with B. Arch. Students of SoA at GCET Jammu)	Ar. Anoop Sharma (SoALD, SMVDU) & Ar. Anil Tickoo (SOA, GCET, Jammu)	Resource Persons & Studio Incharge	SoALD, SMVDU	State Level

9.6 Ph.D. Guided 2019-2020

Sl./ 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.	Ar. Anoop Sharma	Prof. (Dr.) Rajeev Garg	NA	NA

2.	Ar. Vinod Kumar	Prof. (Dr.) Rajeev Garg	NA	NA
3.	Ar. Satyanshu Kumar	Prof. (Dr.) Rajeev Garg	NA	NA

9.7 Students' Achievement (2019-2020)

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1.	Aryan Mehta, Eeshan Srivastava	17BAR004, 17BAR007	B. Arch. Students participated on 25 Sept 2019	IGBC Event at Hyderabad
2.	Pooja Kumari	15BAL017	Research Paper entitled "Behavioural Dimension in Designing Built Environment for Autism" (17-18 January 2020)	6 th International Conference on Recent Trends & Advancement in Engineering and Technology, 17-18 January 2020, SMVDU

FACULTY OF MANAGEMENT

SCHOOL OF BUSINESS

1. Name of the School: School of Business

2. Faculty Profile:

S.No	Name of the Faculty Member	Designation	Qualification	Specialization
1	Prof. (Dr.) D. Mukhopadhyay	Professor & Dean Faculty of Management	M. Com., M. A. (Eco)., MFM., MBA, LL.B., FCMA(India), FCS(India), FCMA(Nigeria), Ph. D., D. Litt., Cost & Management Accountant (CMA) & Company Secretary (CS)	Finance & Accounting, Marketing and General Management
2	Dr. Ashutosh Vashishtha	Associate Professor	MBA, Ph.D. (IIT Roorkee)	Finance
3	Dr. Supran Kumar Sharma	Associate Professor	M.A.(Economics), Ph.D.	Project Management, Entrepreneurship, Management Science, Research Methods
4	Dr. Jyoti Sharma	Associate Professor	M.Com., Ph.D.	Human Resource Management, Organizational Behaviour
5	Dr. Sushil Kumar Mehta	Associate Professor	MBA, Ph.D.	Finance
6	Dr. Saurabh	Associate Professor and Head, School of Business	MBA, Ph.D.	Strategic Management and Marketing
7	Dr. Hari Govind Mishra	Associate Professor	MBA, Ph.D.	Marketing
8	Dr. Sanjay Kumar Mishra	Assistant Professor	MBA, Ph.D., Micro Masters SCM(Massachusetts Institute of Technology, USA)	Finance, Supply Chain Management, Family Business
9	Dr. Arti Maini	Assistant Professor	MBA, UGC-NET, Ph.D.	Human Resource Management, Organizational Behaviour
10	Dr. Rashi Taggar	Assistant Professor	MBA, UGC-NET, Ph.D.	Marketing and Supply Chain Management
11	Dr. Syeda Shazia Bukhari	Assistant Professor	MBA, UGC-NET, SLET, Ph.D	Human Resource Management and Marketing
12	Dr. Deepak Jain	Faculty	PGDM., MBA, Ph.D.	Marketing

3. Programmes Offered & Enrollment (2019-2020):

No. of Students enrolled in MBA in 2019-2020
54

4. Details of MBA Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	33	21	54

5. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	05	04	09
Awarded 2019-20	Nil	Nil	Nil
Total Presently under Supervision	18	17	35

6. Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl.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	An Empirical Study of Bank Credit Risk Management Using Big Data Analytics	Major	ICSSR, MHRD, Govt of India, New Delhi	Rs. 15 Lakh	Project Director	15-05-2019 to 14-05-2021	Ongoing Project
2.	Study of CSR initiative w.r.t. Dynamic & Innovation capabilities of Social Enterprises in India	Major	AICTE, New delhi	Rs. 4.00 lakh	Project Director	29-06-2020 to 28-06-2022	Ongoing Project
3.							

7. Degree Awardees Nos. (2019-2020):

MBA : 58
Ph.D. : 02

8. Research Publications (with full details in below format) for 2019-2020:

For book:

Sl. 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	Contemporary Issues in Economics & Busines	Pabitra Kumar Jena, Rashi Taggar and Richa Gautam	Kumud Publication, New Delhi (National)	ISBN 978-81-946183-1-7 Year of Publication 2020
2	Understanding Logistics & SCM in Indian Way	Deepak Jain	Self, Amazon	ISBN (13-Digit): 978-93-5382-938-4, ISBN (10 Digit): 93-5382-938-0
3	Doing Business with India	Deepak Jain	Self, Amazon	ISBN (13-Digit): 978-93-5382-795-3, ISBN

				(10 Digit): 93-5382-795-7
4	Information Technology and India	Deepak Jain	Self, Amazon	ISBN (13-Digit): 978-93-5382-625-3, ISBN (10 Digit): 93-5382-625-X
5	Indian Financial Sector: The Way Forward	Deepak Jain	Self, Amazon	ISBN (13-Digit): 978-93-5382-488-4, ISBN (10 Digit): 93-5382-488-5
6	Growth of Financial Sector of India	Deepak Jain	Self, Amazon	ISBN (13-Digit): 978-93-5382-394-8, ISBN (10 Digit): 93-5382-394-3
7	Dynamism of Indian Service Sector: Unfold Issues	Deepak Jain	Self, Amazon	ISBN (13-Digit): 978-93-5382-317-7, ISBN (10 Digit): 93-5382-317-X
8	Services Industry: Road to Economic Growth	Deepak Jain	Self, Amazon	ISBN (13-Digit): 978-93-5382-174-6, ISBN (10 Digit): 93-5382-174-6

For paper (2019-2020):

Sl. 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.Aqib Mujtaba 2.P.K. Jena 3. Prof. (Dr.) D.Mukhopadhyay	Determinants of Co2 Emissions in Upper Middle Income Group Countries: An Empirical Investigation	Environmental Science & Pollution Research		Category "B" in ABDC Indexed Journal
2	Ashutosh Vashishtha	Cobweb price dynamics under the presence of agricultural futures market: theoretical analysis	Name of the Journal: International Review of Economics. Publisher & Location: Springer-Verlag GmbH Germany ISSN: 1865-1704 (Print) 1863-4613 (Online) DOI:10.1007/s12232-019-00335-8.	Volume:67 Issue: 2 Year: 2019 Pg. Nos.: 131-162	Peer Reviewed UGC Listed Indexing: Scopus C Category ABDC SJR Impact Factor:0.2
3	1.Saurabh 2.Divya Singh Jamwal	Determinants of awareness and disposal habits of households for effective municipal	Journal for Global Business Advancement, 2019 ISSN online1746-9678 ISSN print1746-966X	Vol.12 No.3, pp.405 – 428	SCOPUS Was listed in ABDC at the time of publishing of the

		solid waste management			article
4	1.Bindra Sunali 2.Srivastava Saurabh 3.Sharma Deepika 4.Ongsakul Viput	Reviewing Knowledge based Dynamic Capabilities: Perspectives Through Meta-Analysis	Journal for Global Business Advancement, 2020 ISSN online1746-9678 ISSN print1746-966X	Accepted for publication	SCOPUS
5	1. Satish Kumar 2. Riya Sureka 3. Ashutosh Vashishtha	The Journal of Heritage Tourism: A bibliometric overview since its inception	Name of the Journal: Journal of Heritage Tourism Publisher & Location: Taylor & Francis, UK ISSN: 1743-873X(Print) 1747-6631 (online) DOI:https://doi.org/10.1080/1743873X.2020.1754423	Volume:15 Issue: 4 Year: 2020 Pg. Nos.: 365-380	Peer Reviewed UGC Listed Indexing: Scopus B Category ABDC SJR Impact Factor:0.61
6	1. Debidutta Pattnaik 2.Satish Kumar 3. Ashutosh Vashishtha	Research on trade credit – a systematic review and bibliometric analysis	Name of the Journal: Qualitative Research in Financial Markets. Publisher & Location: Emerald Publishing, UK ISSN: 1755-4179 DOI: https://doi.org/10.1108/QRFM-09-2019-0103	Volume:ahead of print Issue: ahead of print Pg. Nos.: online	Peer Reviewed UGC Listed Indexing: Scopus, Web of Science Emerging Sources, Citation Index B Category ABDC SJR Impact Factor:0.31
7	1.Shravani 2.Suparn K. Sharma	“Evidence on Relationship between Economic Growth and Financial Development of Selected Northern Indian States Using Panel VEC Approach”	Journal of Quantitative Economics https://doi.org/10.1007/s40953-019-00156-0	Volume: 17 Issue: 4 Year: 2019	(ABDC Listed) (Springer)
8	1. Raina D. 2.Suparn K. Sharma 3.Archana Bhatt	“Commercial Banks Performance and Causality Analysis”,	Global Business Review DOI: 10.1177/0972150919837077	Volume: 20 Issue: 3 Year: 2019 Pg. Nos.: 769-794	(ABDC Listed, SCOPUS) (H Index: 20).
9	1.Irbha Magotra 2.Jyoti Sharma 3.Suparn K. Sharma	Adoption of Self-service Technologies among Banking Customers: A Revisit	International Journal of Applied Management and Technology DOI:10.5590/IJAMT.2019.18.1.05	Volume:18 Issue: 1 Year:2019 Pg. Nos.: 67-72.	(ABDC Listed)
10	1.Shravani 2.Suparn K. Sharma	Financial Development and	Contemporary Economics	Volume:14 Issue: 2	(ABDC Listed, SCOPUS)

		Economic Growth in Selected Asian Economies: A Dynamic Panel ARDL Test	DOI:10.5709/ce.1897-9254.400	Year: 2020 Pg. Nos.: 201-218	(Refereed) Accepted. (H Index: 13).
11	1.Poonam Mehta 2.Jyoti Sharma	Exploring the Linkage between Emotional Work and Employee Wellbeing: A Study of Civil Aviation Industry	International Journal of Work, Organisation and Emotion ISSN print: 1740-8938	In Press	SCOPUS (H-Index 15) and ABDC listed ('B' category)
12	1.Vibha Mahajan 2.Jyoti Sharma	A Study of knowledge sharing 99 nalyzin-based employee segmentation and related variables,	International Journal of Indian Culture and Business Management ISSN: 1753-0814 DoI: 10.1504/IJICBM.2020.107694	Volume: 20 Issue:3 Year:2020 Pg. Nos.: 307-25	Falls in ABDC list at the time of Acceptance
13	1.AA Dar 2.S.K.Mehta	Functioning of Financial Institutions towards Tourism Recovery and Sustainability: A Literature Review	International Journal of Economic Research, Serials Publications Pvt. Ltd., New Delhi, ISSN 09729380	Volume: 16 Issue: 1 Year: 2019 Pg. Nos.: 295-304	Peer-reviewed UGC listed Journal, ABDC Listed (C Category)
14	1.Shailesh Pandita 2.S.K. Mehta	Impact of Perceived Value on Customer Loyalty	Management Insight, School of Management Sciences, Varanasi ISSN 0973936X	Volume: XV Issue:1 Year: 2019 Pg. Nos.: 67-80	Peer reviewed
15	1.Deepika Dhawan 2.S.K. Mehta	Saving and Investment Pattern: Assessment and Prospects	ACRN Journal of Finance and Risk Perspectives, UK ISSN 2305-7394	Volume: 8 Year: 2019 Pg. Nos.: 123-132	Elsevier. SCOPUS Impact Factor: 0.140
16	1.A. Gupta 2.S.K. Mehta	Consumer Attitude towards Green Products in Jammu City	International Journal of Creative Research Thoughts ISSN: 2320-2882	Volume: 8 Issue: 6 Year: 2020 Pg. Nos.: 114-121	Peer reviewed
17	1.Harpreet Singh 2.S.K. Mehta	Pet Love as an Appeal to Promote Pet Products and Services	International Journal of Research and Analytical Review, ISSN: 2348-1269	Volume: 7 Issue: 2 Year: 2020 Pg. Nos.: 678-683	Peer reviewed
18	1.Rupal Gupta 2.Rashi Taggar	Antecedents and Consequences of Online and Offline Shopping Behaviour of Young Indian Females	International Journal of Creative Research Thoughts, ISSN:2320-2882	Volume: 8 Issue: 5 Year: 2020 Pg. Nos.: 1827-1836	Peer reviewed
19	1.Rohit Khajuria 2.Rashi Taggar	Webrooming: Digitally Facilitated Offline Shopping	International Journal of Emerging Technologies and Innovative Research ISSN:2349-5162	Volume:7 Issue:5 Year: 2020 Pg. Nos.:537-545	Peer reviewed
20	1.Ankita Dutta 2.Rashi Taggar	A 'Cakelicious' Study to explore Customer Buying	International Journal of Research and Analytical Review,	Volume:7 Issue:2 Year: 2020	Peer reviewed

		Preferences	ISSN: 2348-1269	Pg. Nos.:81-88	
21	1.Vridul Abrol 2.Rashi Taggar	Rural Heritage Tourist Spots of Jammu: Barriers and Gateways	International Journal of Creative Research Thoughts, ISSN:2320- 2882	Volume:8 Issue: 5 Year: 2020 Pg. Nos.:2305- 2312	Peer reviewed
22	1.Sonali Heera 2.Arti Maini	Exploring Disability Inclusion in Organizations through Managerial Lens	Vision: The Journal of Business Perspective ISSN: 0972-2629	Volume: 23 Issue: 2 Year: 2019 Pg. Nos.: 144- 151 https://doi.org/ 10.1177/09722 62919840193	ABDC and Scopus listed
23	1.Sonali Heera 2.Arti Maini	Examining the Antecedents and Consequences of Disability Inclusion at the Workplace: A Study of People With Disabilities (PWDs) in the Union Territory (UT) of Jammu and Kashmir, India”	The South Asian Journal of Management, 0971-5428	Volume: 26 Issue: 4 Year: 2019 Pg. Nos.: 109- 132	ABDC listed
24	1.Meenakshi Sharma 2.Syeda Shazia Bukhari	Study of digital recruitment and it's impact on job seekers	IJRAR, 2348-1269	Volume: 7 Issue: 2 Year: 2020 Pg. Nos.: 171- 174	Peer reviewed, impact factor 5.75 (Google scholar)
25	1.Nipun Sharma 2.Syeda Shazia Bukhari	Consumer buying pattern – a study onomalted health drinks	IJRAR, 2348-1269	Volume: 7 Issue:1 Year: 2020 Pg. Nos.: 934- 938	Peer reviewed, impact factor 5.75 (Google scholar)
26	1.Dheeraj Kumar 2.Syeda Shazia Bukhari	Factors influencing 100 nalyzi entrepreneurship- A case study of universities of Jammu	IJRAR, 2348-1269	Volume: 7 Issue: 2 Year: 2020 Pg. Nos.: 179- 183	Peer reviewed, impact factor 5.75 (Google scholar)
27	1.Karan Bucha 2.Syeda Shazia Bukhari	Impact of culture- A study on 100 nalyzing international marketing	IJRAR, 2348-1269	Volume: 7 Issue: 2 Year:2020 Pg. Nos.: 955- 959	Peer reviewed, impact factor 5.75 (Google scholar)
28	1.Suhail Gupta 2.Syeda Shazia Bukhari 3.Deepak Jain	Impact of Advertisements on Sustainable Buying Behaviour of Rural Consumers	IJRAR, 2348-1269	Volume: 7 Issue: 2 Year: 2020 Page Nos: 72- 83	Peer reviewed, impact factor 5.75 (Google scholar)
29	1.Sonali P.Banerjee 2. Deepak Jain 3.Ruchika Nayyar	Measuring Service Quality of Food Delivery Services: A study of Generation Z	African Journal of Hospitality, Tourism and Leisure ISSN: 2223-814X	Volume :8 Issue: 2 Year: 2019 Page Nos.: 1- 12	Scopus listed

30	Deepak Jain	Factors affecting satisfaction levels of customers in the Hotel Industry: A case study of the Jammu Region.	African Journal of Hospitality, Tourism and Leisure ISSN: 2223-814X	Volume :8 Issue: 1 Year: 2019	Scopus listed
31.	1.Arti Lata 2.Deepak Jain	To Evaluate the Apparel Retail Store Atmosphere Cues and its Significance for Building the Store by Retailers: With Special Reference to Indian Consumers	5 th International Conference on “E-Business And Applications (ICEBA 2019)”. ACM International Conference Proceedings Series, Bangkok, Thailand, 25 th February 2019 to 28 th February 2019. ISBN: 978-1-4503-6262-7\ doi:10.1145/3317614.3317615	Year: 2019 Page Nos.:75-78	ACM Digital Library, EI Compendex Indexed Scopus Indexed: http://www.iceba.org/img/index/Scopus2019.png
32.	1.S.S. Jasrotia 2. H.G. Mishra 3. R.L. Sharma	Capital Adequacy Norms: Banks Compliance with Base III Norms	International Journal of Electronic Banking, Inderscience Publisher	Volume: 2 Issue: 1 Year: 2020 Page Nos.: 16-37	ABDC listed
33.	1.S.S. Jasrotia 2. R.L. Sharma 3. H.G. Mishra	A Comparative Analysis on Banks Compliance with BASE III Capital Adequacy Norms	Vinimaya, National Institute of Bank Management	Volume: 40 Issue: 3 Year: 2019 Page Nos.: 27-49	Peer reviewed
34.	1. Ajaz Ul Islam 2.Sanjay Kumar Mishra 3.Vikas Srivastava	Predicting the Threat of Shareholder Activism among Indian Firms: Development and Application of Shareholder Activism Prediction Model (SAPM)	International Journal of Corporate Governance	Accepted for publication	ABDC Listed

9. Conferences/Workshops/Seminars/Webinars/Shortterm Attended or Presented (2019-2020)

Courses/FDP/MDPs/

Sl. 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	You presented as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker Or Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
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1	Webinar Series on Strategies for Leading the Change: Post COVID19 Response of India, May 30, 2020	Swdeshi aspect of management education	Institute of Public Enterprise Hyderabad, Bhartiya Shikshan Mandal and Shri Mata Vaishno Devi University	Invited Speaker (Dr. Ashutosh Vashishtha) TEQIP- III Sponsored on October 21 th -25 th , 2019	National
2	Short Term Course on Engineering Optimization (EO-2019), October 22, 2019	Financial optimization techniques	Shri Mata Vaishno Devi University School of Energy Management & Department of Mechanical Engineering, Jawaharlal Nehru Technical University, Hyderabad, (A.P)	Resource person (Dr. Ashutosh Vashishtha) in Faculty Development Program	National
3	Energy and power systems, 5 August, 2019	Application of Weather Derivatives in Power Sector	Shri Mata Vaishno Devi University School of Energy Management	Resource person (Dr. Ashutosh Vashishtha) in Faculty Development Program	National
4	Qualitative Response Regression Modelling NCR from 28 th April to 4 th May 2020	Research Methodology based one week workshop on 'Qualitative Research Methods'	Shri Vishwakarma Skill University, Gurugram,	Resource Person (Dr. Supran Kumar Sharma)	National
5	Web-based panel discussion, 23 rd May, 2020.	Covid 19 Relief Fund Not a Magic Wand	Manipal University, Jaipur	Panelist (Dr. Supran Kumar Sharma)	National
6	International webinar, 6 th June 2020.	Covid-19 Fiscal Management Ways and Challenges Ahead	SIR MVGA&C, College, Kuvempu University Bhadravathi, Karnataka	Resource Person (Dr. Supran Kumar Sharma)	International
7	Webinar, 6 th June 2020.	Sectoral Outlook in India: Post Covid-19 Scenario	Haryana School of Business, Guru Jambheshwar University of Science and Technology, Hisar, Haryana	Guest of Honour and speaker (Dr. Supran Kumar Sharma)	National

8	International webinar, 10 th June, 2020	To Re-Open or Not to Re-Open - The Covid19 Dilemma	<u>MBC Management Business Consultants Sagl</u> , Switzerland	Resource Person (Dr.Supran Kumar Sharma)	International
9	International Multidisciplinary Webinar Cum Faculty Development Programme, 16 th June,2020	Pandemic, Life & Development: Present Challenges & Futuristic Resilience of Humankind	Morigaon College Morigaon, Assam, India	Resource Person (Dr.Supran Kumar Sharma)	International
1	Workshop on Stress Management, 10 th February, 2020	Conducted training session -Coping Techniques of Stress Management -Transaction Analysis Approach: A Tool for Stress Management	School of Business Studies, Panab A. University, Ludhiana.	Resource Person (Dr.Supran Kumar Sharma)	National
1	Marketing Intelligence: Procedure & Practices, 19-21 December, 2019	Training session Role of Marketing Intelligence in Agricultural Marketing	Sher-e-Kashmir University of Agriculture, Jammu	Invited Speaker (Dr.Supran Kumar Sharma)	National
1	DST Sponsored Two Week Faculty Development Program on Innovation & Entrepreneurship, , 11 th July, 2019	Training sessions: -Fostering Entrepreneurship in Educational Institutes- Challenges and Benefits -Identifying Entrepreneurial Traits	GNDU College, Jalandhar	Resource Person (Dr.Supran Kumar Sharma)	National
1	Online course 'Influencing People' , completed in May, 2020		University of Michigan (Coursera)	Dr.Supran Kumar Sharma successfully completed the course	International
1	Online course 'Inspiring and Motivating Individuals', completed in May,2020		University of Michigan (Coursera)	Dr.Supran Kumar Sharma successfully completed the course	International
1	Stress Management, 10 th February, 2020	Stress Management	PAU, Ludhiana, Punjab	Resource Person (Dr. Jyoti Sharma)	University
1	Training for Trainers, August 29-31, 2019	Module Design and Class Preparation	SMVDSB	Resource Person (Dr. Jyoti Sharma)	National

1	Advance Computer Skills for Effective Performance, 29 th July to 2 nd August, 2019	Advanced Usage of MS Word	SMVDSB	Resource Person (Dr. Jyoti Sharma)	National
1	Faculty Development Programme on Innovation and Entrepreneurship from 5th July, 2019 to 16th July, 2019.	Achievement Motivation for Entrepreneurship	sponsored by DST&EDII, Ahmadabad organized at GNDU College, Jalandhar	Resource Person (Dr. Jyoti Sharma)	National
1	Two day National webinar, 30-31 May, 2020	Workplace loneliness: An insight from a pharmaceutical company	MGCU, Bihar	Dr. Arti Maini presented paper	National
2	Two day National webinar, 30-31 May, 2020	Workplace incivility: A study of a commercial bank	MGCU, Bihar	Dr. Arti Maini presented paper	National
2	Online course 'Preparing to manage human resources', completed in May, 2020	-	University of Minnesota (Coursera)	Dr. Arti Maini successfully completed the course	International
2	Training course 'Good Communication Skills, Behaviour Attitude and Responsibilities of Police towards General Public' for Police Officers, 29 th August, 2019	conducted sessions 'Use of Interpersonal Skills in improving the police public relationship' and 'Effective interpersonal communication and team building in police organization'	Sher-e-Kashmir Police Academy, Udhampur, J&K	Resource person (Dr.Rashi Taggar)	J&K
2	Training of Trainers for Master Trainers and In-house Resource Persons of SMVDSB, 30 th August, 2019	conducted sessions 'Training Pedagogies' and 'Use of Modern Equipment and Tools'	School of Business, SMVD University	Resource person (Dr.Rashi Taggar)	J&K
2	Entrepreneurship Awareness Programme, 11 th February, 2020	conducted sessions 'Business game on Creativity and 'Think Out-of-the Box'	MSME-DI Jammu	Resource person (Dr.Rashi Taggar)	J&K
2	Webinar 'Impact of AI during Pandemic Times', 4 th June, 2020 by Dr. Raul V. Rodriguez and Dr. Samala Nagaraj	-	McGraw Hill	Dr. Rashi Taggar attended the Webinar	International
2	Web-Panel Discussion on 'Business Revival through IQ+EQ+PQ+SQ : Human Capital Agenda', 8 th June, 2020	-	NHRDN-Delhi & NCR Chapter	Dr. Rashi Taggar attended the Webinar	National
2	Two days National Webinar 'A Need of Transition in Teaching and Learning During and After COVID-19', 9 th – 10 th June, 2020	-	Department of Education, Central University of	Dr. Rashi Taggar attended the Webinar	National

			Jharkhand		
2	Webinar 'The Impact of COVID-19 on HR Strategies and Industrial Relations Practices', 11 th June, 2020	-	Amity University	Dr. Rashi Taggar attended the Webinar	International
2	Webinar 'Role of Marketing in times of Pandemic' by Dr. Rajan Saxena on 11 th June, 2020	-	McGraw Hill	Dr. Rashi Taggar attended the Webinar	International
3	Webinar 'Future of Education Post Covid' by Prof. Rajendra P Gupta, 18 th Jun, 2020	-	McGraw Hill	Dr. Rashi Taggar attended the Webinar	International
3	One week TEQIP sponsored workshop 'Role of Soft-skills in the Classroom Management', 19 th – 23 rd August, 2019	-	School of Languages & Literature, Shri Mata Vaishno Devi University	Dr. Rashi Taggar attended the Workshop	National
3	AICTE approved FDP Swayam Arpit Online Refresher Course in Management, 1 st September, 2019 to 16 th January, 2020	-	Banasthali University	Dr. Rashi Taggar successfully completed the FDP	National
3	Supply Chain Analytics, completed on 30 th April, 2020	-	Rutgers University (Coursera)	Dr. Rashi Taggar successfully completed the course	International
3	Supply Chain Planning, completed on 6 th June, 2020	-	Rutgers University (Coursera)	Dr. Rashi Taggar successfully completed the course	International
3	TEQIP-III Sponsored Faculty Development Program on 'Energy Simulation', 4 th to 8 th November 2019	-	Organized by School of Energy Management, SMVD University	Dr. Deepak Jain attended the FDP	National
3	TEQIP-III Sponsored Workshop on 'Foundation of Fuzzy Set and Fuzzy Logic Applications', 30 th September to 4 th October 2019.	-	Department of Computer Science & Engineering, SMVD University	Dr. Deepak Jain attended the workshop	National
3	Digital Marketing 1.1x: Digital Marketing, Social Media, and E-Commerce for your Business, completed on 25 th April, 2020	-	The Wharton University of Pennsylvania (edX)	Dr. Deepak Jain successfully completed the course	International
3	Customer Centricity: Managing the Value of Customer Relationships: completed on 22 nd January, 2020	-	The Wharton University of Pennsylvania (edX)	Dr. Deepak Jain successfully completed the course	International
3	DST-NIMAT sponsored 'Entrepreneurship Awareness Camp' / 5 th February 2020 to 7 th February 2020	Business Plan Writing and Executive Summary' and 'Personality Trait Assessment	Entrepreneurship Development Centre, SMVD University	Dr. Deepak Jain (Resource Person)	J&K
4	DST-NIMAT sponsored	Effective	Entrepreneurship	Dr. Deepak Jain	J&K

'Entrepreneurship Awareness Camp, 21 st to 23 rd November 2019.	Communication Skills	Development Centre, SMVD University	(Resource Person)	
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10. Conferences/ Seminars /Webinars/Workshops/FDPs/MDPs Organized (2019-2020)

Sl. No	Title of the Seminar/Conference/Workshop/Etc. and Dates & Year	Organiser's Name	Role	Organizing Sponsoring agency /	National/ International (abroad)/ International (within the country)/ State/University
1	Crafting Individuals as Effective Leaders” for Indian Forest Service Officers from 17 th – 21 st February, 2020	Dr.Supran Kumar Sharma	Organizing Secretary	Five-Day Training Programme with financial Support of Ministry of Environment and Climate Change, GoI	National
2	Webinar talk on “ New Age Business: Society at the center of Focus in Young Leads talk Series by Mr. Pankaj Sharma, Director, Valentia Farms Fresh Ltd. Lucknow on 16 th May, 2020 by Mr. Pankaj Sharma, Valentia Farms Fresh Ltd. Lucknow	School Business of	Dr. Saurabh Program Coordinator & Moderator	-	State
8	Five-Day Training program on ‘ Individuals as Effective Leaders’ from February 17-21, 2020	Dr. Jyoti Sharma,	Program Coordinator	Ministry of Environment and Climate Change, GoI	National
9	“Rational Decision Making: Strategies and Techniques” for Indian Forest Service Officers from 28 th - 29 th November, 2019.	Dr. Jyoti Sharma	Program Coordinator	Ministry of Environment and Climate Change, GoI	National
10	Webinar Talk by Ms. Vineeta Koul on Corporate Etiquettes, 28 th June, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
11	Webinar Talk by Mr. Anil Kangotra on Digital Technologies-2020, 12 th June, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
12	Webinar Talk by Mr. Saurav Ghosal on Challenges faced by HR in Covid-19 Scenario and Solutions, 6 th June, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University

13	Webinar Talk by Ms. Neha Maheshwari on Corporate Readiness, 5 th June, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
14	Webinar Talk by Ms. Aditi Wasandi on Strategies for Effective Leadership, 31 st May, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
15	Webinar Talk by Mr. Vivek Sharma on Ethical Leadership, 17 th May, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
16	Webinar Talk by Mr. Madhusudan on Virtual Collaboration-Need of the Hour, 23 rd May, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
17	Webinar Talk by Mr. Varun Sharma on RoI-Training and Development Evaluation Method, 8 th May, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
18	Webinar on 'Strategies for leading change in the Management Education' under the Webinar Series on Strategies for Leading the Change: Post COVID19 Response of India organised on 30 th May, 2020,	Dr. Rashi	Organising Secretary	Hosted by IPE Hyderabad in alliance with SMVDU, and BSM, Nagpur.	National
19	Webinar on 'Strategies for leading change in the Management Education' under the Webinar Series on Strategies for Leading the Change: Post COVID19 Response of India organised on 30 th May, 2020,	Dr. Saurabh	Webinar Coordinator	Hosted by IPE Hyderabad in alliance with SMVDU, and BSM, Nagpur.	National
20	Training of Trainers for Master Trainers and In-house Resource Persons of SMVDSB, 29 th – 31 st August, 2019	Dr. Saurabh	Program Coordinator	Sponsored by SMVDSB	

11. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020):

Sl. No	Title of the seminar/conference/Webinar 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	MBA Orientation Program, 22 nd July, 2019	Organizational Change: Case Study of General Motors	School of Business, SMVD University	Professor Ananda Das Gupta, Indian Institute of Plantation Management, Bangalore	University

2	MBA Orientation Program, 23 rd July, 2019	Organizational transformatio: The Case of Republic Bank of India	School of Business, SMVD University	Professor Ananda Das Gupta, Indian Institute of Plantation Management, Bangalore	University
3	MBA Orientation Program, 24 th July, 2019	An Empirical Analysis on Office Politics in Indian organizations and The Four Types of Organizational politics	School of Business, SMVD University	Professor Ananda Das Gupta, Indian Institute of Plantation Management, Bangalore	University
4	Expert lecture, 26 th November, 2019	Service Quality Case Study	School of Business, SMVD University	Dr. Dinesh Sharma, Associate Professor, SJMSOM, IIT-Bombay, Maharashtra	University

12. Ph.D. Guided 2019-2020

Sl./ No.	Name Of Student	Name Of The Supervisor/S Mention Main Supervisor: Co-Supervisor	(Title Of The Thesis/Dissertation)	Awarded/Sub mitted
1.	Divya Singh Jamwal	Dr. Saurabh	Solid Waste management of Select Institutions in jammu region: A Strategic Approach	Awarded
2.	Siddhartha Shankar Rai	Dr. Sanjay Kumar Mishra (Co-Supervisor)	Responsive Supply Chain: A Case Study of Indian Garment Industry	Awarded
3.	Vibha Mahajan	Dr. Jyoti Sharma	Knowledge Sharing Behaviour among Employees of Service Sector in the State of Jammu and Kashmir	Submitted May, 2019
4	Poonam Mehta	Dr. Jyoti Sharma	Employee Well being and Emotional Work: A Study of Civil Aviation Industry in North India	In Progress
5	Aanqa Moghal	Prof. (Dr.) D. Mukhopadhyay	Impact of Tourism on the Economic Development of the State of J&K : A Critical Study	In Progress
6	Mamta Choudhary	Prof. (Dr.) D. Mukhopadhyay	Antecedents & Consequences of Work Life Balance on Performance : A Study of University Teachers with reference to J&K State	In Progress
7	Sunali Bindra	Dr. Saurabh and Dr. Deepak Jain	Knowledge as a Source of Dynamic Capability: A Case Of Indian Enterprises	In Progress
8	Deepika Dhawan	Dr. Sushil Kumar Mehta	Performance of Banking Sector in the Basel Regime: A Case Of Select Countries	In Progress
9	Rohit Bhardwaj	Dr. Saurabh and Dr. Rashi Taggar	Dynamic Capabilities of Social Enterprises	In Progress

10	Ravikant Agarwal	Prof. (Dr.) D. Mukhopadhyay	Determinants of Corporate Solvency: An Empirical Study With Reference To India	In Progress
11	Sujeet Shivaji Patil	Prof. (Dr.) D. Mukhopadhyay	Turnaround Strategy for Loss Making Companies : An Indian Perspective	In Progress
12	Anupam Agarwal	Prof. (Dr.) D. Mukhopadhyay		In Progress
13	Hemant Kushwaha	Dr. Sanjay Kumar Mishra	An Essay on Business Legal Expense Insurance	In Progress
14	Ridhima Khajuria	Dr. Arti Maini and Dr. Syeda Shazia Bukhari	Facilitators and Inhibitors in the Adoption of Human Resource Analytics	In Progress
15	Rohit Kumar Singh	Dr. Supran Kumar Sharma	Corporate Governance Practices And Performance Of Banks: Empirical Evidence From India	In Progress
16	Prerna Katoch	Dr. Syeda Shazia Bhukhari	Woman Entrepreneurship With Respect To Sustainability	In Progress
17	Deepika	Dr. Rashi Taggar	Responsive Retailers Of Women Fashion Apparel: A Study of Select Cities	In Progress
18	Tapas Sudan	Dr. Rashi Taggar	Supply Chain Disruptions	In Progress
19	Deepika	Dr. Arti Maini	To be finalized	In Progress
20	Preeti Slathia	Prof.(Dr.) D.Mukhopadhyay	To be finalized	In Progress
21	Shailesh Pandita	Dr Hari Govind Mishra	To be finalized	In Progress
22	Shilpa Gupta	Dr. Hari Govind Mishra	To be finalized	In Progress
23	Uday Jawa	Dr. Saurabh	To be finalized	In Progress

13. Students' Achievement (2019-2020)

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1	Vibha	14DBU004	Attended two week B&R countries training session on 'Science, Technology and Innovation (STI) Incubation system, 10 th – 23 rd November, 2019	Department of Science & Technology, Guangdong Province, China and UNCTAD

2	Shagun Jamwal	18MMB039	Best paper award National Seminar on “Innovative Practices in Teaching Pedagogy” held on 2 nd May, 2020	Shri Vishwakarma Skill University, Haryana, India
3	Deepika	17DBU004	Presented paper: 'Customer Centricity: A Battle Cry of Fashion Retailers' at the AGBA's 16th World Congress, 2 nd – 4 th July, 2019	Indian Institute of Technology-Delhi
4	Sunali Bindra	16DBU004	Presented paper: ‘Knowledge and Dynamic Capabilities: Using Bibliometric Analysis for Setting Future Research Agenda’ at the AGBA's 16th World Congress, 2 nd – 4 th July, 2019	Indian Institute of Technology-Delhi
5	Tapas Sudan	19DBU007	Presented paper: ‘Global Value Chains, New Technologies and Economic Development: Evidence from Literature’ in the International e-Conference ‘Globalisation, Inequality and Exclusion: Plan for Development or Path to Marginalisation’ on 19 th June, 2020	Department of Economics and Planning Commission Chair, Punjabi University, Patiala, Punjab
6	Suhail Gupta	19DBU002	Level and Impact of Advertisement in Rural Marketing: An Empirical Study on Jammu Region in 2 Day National Conference on “Moving Towards Sustainable Marketing Practices: Challenges and Opportunities” 29th August 2019 to 30th August 2019.	Department of Commerce (SAP: DRS-III), University of Jammu
7	Abhinandan Khajuria	18MMB002	Presented Paper: Assessment of Efficiency Transport Sector in India: A Literature Review at National Seminar on “Innovative Practices in Teaching Pedagogy” held on 2 nd May, 2020	Shri Vishwakarma Skill University, Haryana, India
8	Anish Sharma	18mmb007	Paper Presented in National Seminar on "Innovative Practices in Teaching Pedagogy", 2 nd May, 2020	Shri Vishwakarma Skill University, Haryana, India
9	Diksha Choudhary	18MMB013	Presented paper: 'Study of Customer Perception for Online Purchase of Footwear in Jammu' in ICSSR Sponsored HPMMGBS-2019 International Conference on “Happiness and Performance Management in Modern Globalised Business Scenario”. , 21 th December 2019 to 22 nd December 2019. LAMBERT Academic Publishing GmbH & Co. KG ISBN: 978-620-0-50088-5, pg. 62-69.	Rukmini Devi Institute of Advanced Studies, Delhi, in association with Gedu College of Business Studies, Royal University of Bhutan, Bhutan
10	Misbah Syed	18mmb022	Paper Presented in National Seminar on "Innovative Practices in Teaching Pedagogy", 2 nd May, 2020	Shri Vishwakarma Skill University, Haryana, India
11	Princy Rajput	18MMB027	Presented paper: 'A Study on Customer Expectation and Satisfaction with reference to Tourism' in ICSSR Sponsored HPMMGBS-2019 International Conference on “Happiness and Performance Management in Modern Globalised Business Scenario”.	Rukmini Devi Institute of Advanced Studies, Delhi, in association with Gedu College of Business Studies, Royal University of Bhutan, Bhutan

			21 th December 2019 to 22 nd December 2019. LAMBERT Academic Publishing GmbH & Co. KG ISBN: 978-620-0-50088-5, pg. 70-81	
12	Rakshika Gupta	18MMB032	Presented paper: Factors Affecting Profitability of Corporate Firms: A Literature Review at National Seminar on "Innovative Practices in Teaching Pedagogy" held on 2 nd May, 2020	Shri Vishwakarma Skill University, Haryana, India
13	Reetika	18MMB34	Paper Presented in 7 th International Conference on Youth 2025 from 17-18 February, 2020	Jaipuria Institute of Management, Jaipur
14	Saneha Kumar Rana	18MMB038	Paper Presented in National Seminar on "Innovative Practices in Teaching Pedagogy", 2 nd May, 2020	Shri Vishwakarma Skill University, Haryana, India
15	Simran Gandotra	18MMB042	Presented paper: 'Study of Customers' Perception for Online Purchase of Garments' in 9 th International Conference on "Innovative Business Practices for Creating Value in Global Era". , 8 th November 2019. ISBN: 978-81-928573-6-7, pg. 1-5.	Acropolis Faculty of Management and Research, Indore, Madhya Pradesh
16	Vanshika Dubey	18MMB047	Presented paper: Recital Scrutiny of Automobile Sector in India: A Literature Review at National Seminar on "Innovative Practices in Teaching Pedagogy" held on 2 nd May, 2020	Shri Vishwakarma Skill University, Haryana, India
17	Suraj Bhat	18MMB057	Presented paper: 'Critical Insights of Social Media: It's Impact on Society' in 9 th International Conference on "Innovative Business Practices for Creating Value in Global Era". , 8 th November 2019. ISBN: 978-81-928573-6-7, pg. 157-162.	Acropolis Faculty of Management and Research, Indore, Madhya Pradesh
18	Vishwas Deep	18MMB059	Presented paper: Influence of Business Plan in Today's Business: A Case of Jammu Region at National Seminar on "Innovative Practices in Teaching Pedagogy" held on 2 nd May, 2020	Shri Vishwakarma Skill University, Haryana, India
19	Aishanya Khajuria	18MMB060	Presented paper: An Assessment of Wellbeing of Employees in Private Sector at National Seminar on "Innovative Practices in Teaching Pedagogy" held on 2 nd May, 2020	Shri Vishwakarma Skill University, Haryana, India

SCHOOL OF ECONOMICS

1. **Name of the School:** Economics

2. **Faculty Profile:**

S.No.	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. Kakali Majumdar	Associate Professor	PhD	Econometrics and Statistics
2.	Dr. Meenakshi Gupta	Assistant Professor	PhD	Agriculture Economics, Agricultur Marketing & Statistics
3.	Dr. Roop Lal Sharma	Assistant Professor	PhD	Banking and Macroeconomics
4.	Dr. Pabitra Kumar Jena	Assistant Professor	PhD	Applied Econometrics
5.	Dr. Kirtti Ranjan P.	Assistant Professor	PhD	Climate Change & Development Economics
6.	Dr. Arif Billah Dar	Assistant Professor	PhD	International Finance Macroeconomics
7.	Dr. D.P. Priyadarshi Joshi	Assistant Professor	PhD	Productivity measurement and Classical political economy
8.	Dr. Gopinathan R.	Assistant Professor	PhD	Financial Economics and Applied Econometrics

3. **Programmes Offered & Enrollment (2019-2020):**

B.Tech.	M.Tech.
NA	NA

4. **Details of B.Tech. Students (2019-2020):**

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	NA	NA	NA

5. **Details of M.Tech./M.Sc./M.A Students (2019-2020):**

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	11	24	35

6. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	2	3	5
Awarded 2019-20	Nil	Nil	Nil
Total Presently under Supervision	10	9	19

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020:

Example:

Sl. 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	Virtual Workshop on “Time series and Panel Data Modeling: Using E-views and STATA	Auto Regressive Distributed Lag (ARDL) and Vector Error Correction Mechanism(VECM)	Goa Institute of Management, Goa	Dr. Pabitra Kuamr Jena	National
2	One day Seminar to One to 8 th International Conference on Agricultural Statistics (ICAS-VIII)	Relationship between Foreign Direct Investment (FDI) Inflows and Macroeconomic Variables in India: Evidence from Time Series Analysis	Indian Association for Research in National Income and Wealth (IARNIW), MoSPI	Dr. Pabitra Kuamr Jena	International

8. Degree Awardees Nos. (2019-2020):

B.Tech : _____

M.Tech : _____

M.Sc. : 47 (Five Year Inegrated M.Sc. Economics) (2014 Batch)

Ph.D. : Nil

Information of Ph.D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.
	Nil	Nil	Nil

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl.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	Efficiency Analysis of Hill Agriculture: A Micro Level Study of Jammu and Kashmir” 2017-2019	Major	ICSSR	7 lakh	Investigator Dr. Kakali Majumdar	2017-2019	Yes
2	Digital literacy penetration and its impact on	MAJOR	AICTE	5 lakh	Principal Investigator (Dr. Meenakshi	Ongoing	-

	creating sustainable livelihoods for rural women entrepreneurs in Jammu and Kashmir				Gupta)		
3	Policy Interest Rates, Market Rates, Inflation and Economic Growth	Major	NITI Aayog	Rs 12,00, 000	Co-investigator Dr. Pabitra Kumar Jena	1-10-2019 to 30-9-2020	Not Yet
4	India's Financial Inclusion	Minor	ICSSR	2,78,000	Investigator Dr. Arif Billah Dar	April 2019	Yes

9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National
	Nil	Nil	Nil

9.3 Research Publications (with full details in below format) for 2019-2020:

Example:

For book:

Sl. 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	Contemporary Issues in Economics & Busines	Dr. Pabitra Kumar Jena, Dr. Rashi Taggar	Kumud Publication, New Delhi, National	978-81-946183-1-7, 2020
2	Introduction to Banking Technologies	Dr. Pabitra Kumar Jena & Prof.(Dr.) D. Mukhopadhyay	Navyut Books International Publication, New	978-81-945430-5-3

			Delhi, International	
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For chapters in a book (2019-2020):

Sl. 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
	Nil	Nil	Nil	Nil	Nil

For paper (2019-2020):

Sl. 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	Kakali Majumdar Yes	Trend of Pulse Production In India: A Study Using Kinked Exponential Model.	The Indian Economic Journal, [ISSN: 0019- 4662], Journal of Indian Economic Association,	Special Issue December, 2019	Journal of Indian Economic Association
2	1.Kakali Majumdar 2. Rajeev Kumar Singh Yes	Impact of Information and Communication Technology on Marketing of Rice: A study of Uttar Pradesh	International Journal of Social Economics ISSN: 0306-8293, Emerald Publishing	Vol 46, No.9, pp-1061-1080, 2019	ABDC-B category, Scopus, ESCI
3	Dr. Meenakshi Gupta and Dr Vikas	<i>Sustainable Dairy Practices -An Insight to</i>	Academy of Marketing Studies Journal (AMSJ)	Vol. 24 Issue 2.	<u>B Category</u>

	Sharma Yes Main author	Chain Coordination Mechanisms of Unorganized Segment of Dairy Sector in Punjab State”	ISSN: 10956298.		Journal as per ABDC 2019 Ranking SCI Journal
4	Dr. Meenakshi Gupta and Dr Vikas Sharma Yes Main author	"Demographic Characteristics Influencing Satisfaction Level of Pilgrims: A Case of Northern Shrines"	International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470	Vol.3, No. 5, pp.427-433.	Indexed Researcher ID/ Thomson Reuters and Cite score
5	Dr. Meenakshi Gupta and Tahir Fazal Choudhary Yes Main author	Prospects and Problems along the Fragmented Supply Chain Management for J&K poultry in the Domestic Market	Journal of Critical Reviews	Accepted for the forthcoming Issue	Scopus Indexed Journal
6	Dr. Meenakshi Gupta and Dr Vikas Sharma Yes Main author	An Economic Analysis of Indian Walnut Industry: Prospects and Problems	International Journal of Management, ISSN:0976-6510, 1.	Accepted for the forthcoming Issue	Scopus Indexed Indexed in ABDC
7	Aqib Mujtaba, Pabitra Kumar Jena & D. Mukhopadhyay Corresponding Author	Determinants of CO 2 emissions in upper middle-income group countries: an empirical investigation”	Environmental Science and Pollution Research, ISSN:1614-7499	Volume: 27 Issue No: 20 Year: 2020 Page: 1-15	SCI, SCIE Scopus Impact Factor: 3.30
8	Arvind Kumar Yadav & Pabitra Kumar Jena Corresponding Author	Maternal Health Outcomes of Socially Marginalized Groups in India	International Journal of Health Care Quality Assurance ISSN - 0952-6862	Volume: 27 Issue No: 20 Year: 2020 Page: 1-15	Indexed in ABDC Ranking as C Category and Scopus Index

					Impact Factor: 1.13
9	Vimarsh Padha , Pabitra Kumar Jena, Bikash Ranjan Mishra & Mantu Kumar Mahalik Corresponding Author	Is Monetary Policy Safeguarding Financial Stability in India	Journal of Public Affairs ISSN :1479-1854	Volume: 20 Issue No: 03 Year: 2020 Page: 35-47	Indexed in ABDC Ranking as B Category and Scopus Index Impact Factor: 0.86
10	Arvind Kumar Yadav & Pabitra Kumar Jena Corresponding Author	Education, Employment, Economic Status and Empowerment: Implications for Maternal Health Care Services Utilization in India	Journal of Public Affairs ISSN :1479-1854	Volume: 20 Issue No: 04 Year: 2020 Page: 16-31	Indexed in ABDC Ranking as B Category and Scopus Index Impact Factor: 0.86
11	Ishfaq Hamid & Pabitra Kumar Jena	Linear and Non-Linear Granger Causality between Foreign Direct Investment and Economic Growth: Evidence from India	Copernican Journal of Finance & Accounting ISSN: 2300-3065	Volume: 09 Issue No: 01 Year: 2020 Page: 47-58	Indexed in ABDC Ranking as C Category Impact Factor: 0.04
12	Ishfaq Hamid , Pabitra Kumar Jena & Prof.(Dr.) D. Mukhopadhyay	Does Corruption Impede Foreign Direct Investment Inflows in India	The IUP Journal of Applied Economics ISSN N: 0972-6861	Volume: 19 Issue No: 02 Year: 2020 Page: 67-80	Indexed in ABDC Ranking as C Category Impact Factor: 0.11
13	Nusrat Akber & Dr. Kirtti Ranjan Paltasingh Corresponding Author	Is public investment complementary to private investment in Indian agriculture? evidence from NARDL approach (August 2019)	Agricultural Economics (Impact factor: 2.423), ISSN:1574-0862 Wiley	DOI: 10.1111/agec. 12515	SSCI, Scopus, ABDC 'A' Category
14	Nusrat Akber & Dr. Kirtti Ranjan	Investment, Subsidy and Productivity in Indian Agriculture: An	Agricultural Economics Research Review (ISSN: 0974-0279)	Vol: 39 (Conference Number)	

	Paltasingh Corresponding Author	Empirical Analysis (Dec 2019)		PP: 13-25 DOI: 10.5958/0974-0279.2019.00014.4	
15	Nusrat Akber & Dr. Kirtti Ranjan Paltasingh Corresponding Author	Market Arrival of Apples under risk in J&K, India: Evidence from an ARDL Application (May 2020)	Journal of Agribusiness in Developing & Emerging Economies (ISSN: 2044-0839)	DOI 10.1108/JADE-E-03-2019-0033	Scopus
16	Niyati Bhanja Arif Billah Dar	Stock returns and inflation: a tale of two periods in India	Economic Change and Restructuring ISSN: 15740277, 15739414	52, 2019 413-438	Scopus ABDC B rated
17	Manas Paul Niyati Bhanja Arif Billah Dar	Gold, gold mining stocks and equities- partial wavelet coherence evidence from developed countries	Resources Policy IF: 3.18 ISSN: 0301-4207	63, 2019 378-384	Scopus ABDC B rated
18	1.D P Priyadarshi Joshi 2. G Omkarnath	Trade, Productivity And Employment Nexus:An Examination In Postreforms India	Journal Of Developing Areas Tennessee State University College of Business USA IssN: 1548-2278 DOI: https://doi.org/10.1353/jda.2020.0033	Volume:54 Issue No.: 03 Year: 2020 Page Nos.:1-19	Peer-Reviewed
19	1.Gopinathan.R 2. S Raja Sethu Durai Yes	Stock market and macroeconomic variables: new evidence from India	Financial Innovation, Springer, ISSN: 2199-4730	5, Article number: 29 PP:1-17	Scopus
20	1.Geetha Rani P 2.Mukesh	Enrolment by academic discipline in higher	Journal of Asian Business and Economic Studies	26 No. 2, pp. 265-285.	Open acces

	3.Gopinathan.R No	education: differential and determinants			
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**9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented
(2019-2020)**

Example:

Sl. 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	FDP on Economics of Health and Health Care (Dr. Meenakshi Gupta)	NA	NPTEL/ SWAYAM	Attended and received topper and Elite certificate	By Prof. Angan Sengupta IIT Kanpur
2	20 th International Business horizon "INBUSH ERA WORLD SUMMIT 2020" held on 18 th -20 th Feb 2020. (Dr. Meenakshi Gupta)	NA	Amity Directorate of Management & Allied Areas (ADMAA) Amity University	Received Amity Excellence Award for Best Faculty in the area of Agricultural Economics	(ADMAA) Amity University Sector-125, Noida, U.P. (India) - 201301 Email: admaa@amity.edu Web: www.amity.edu <u>u</u> ...
3	Academy of Economics and Finance 5 – 7 Feb, 2020	Globalization-Regionalization debate in International Crude oil Markets	Academy of Economics and Finance, Atlanta Georgia	Dr Arif Billah Dar Presented	Interantional, USA

4	Teaching Training Program by Federal Reserve Bank of Atlanta, USA 8 February, 2020	Teaching Macroeconomics and Monetary Policy	Federal Reserve Bank of Atlanta, USA	Attended Dr Arif Billah Dar	International, USA
5	Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design)	Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design)	MHRD Innovation Cell	Attended Dr Arif Billah Dar	National
6	Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History) held on 30th May	Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History) held on 30th May	MHRD Innovation Cell	Attended Dr Arif Billah Dar	National
7	The 56 th Annual Conference of TIES, 8 th -10 th January 2020	Non linear feedback effect between stock market and macroeconomic variables: Evidence from India	TIES & School of Economics, Madurai Kamaraj University, TN	Paper Presenter Dr. Gopinathan R	International
8	102th Annual Conference of IEA session on on 27-29 th December 2019,	“Rural Development: Agriculture and Rural Non Farm”	School of Studies in Economics, Pt Ravisankar Shukla University, Raipur	Session Co-Chair Dr. Kakali Majumdar	National
9	International Weninar on Coid-18 Financial Managemnt ways and Challenges Ahead”	Impact of COVID-19 on Total Merchandise	Sri M V Government Art and Commerce CollegeKarnataka and The Indian	Paper presenter Dr. Kakali Majumdar	International

		Export of India, Two Day by	Economic Association, 4-6 June 2020		
10	5 th J&K Agriculture Science Congress, 8th to 10 th August 2019	Efficiency of Agricultural Output and CO2 Emission: A Study with reference to Rice Production of Asian Countries	SKUAST, Jammu,	Paper presenter Dr. Kakali Majumdar	International
11	Workshop on R' 09 November 2019.	NA	The Teaching Learning Centre, ICT at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT), MHRD, Govt. of India, at remote centre Shri Mata Vaishno Devi University, Katra	Participant Dr. Kakali Majumdar	National
12	One-week online course on “Community University Engagement: Moving Towards Engaged Teaching, Research and Service” 18th May to 22nd May, 2020	NA	AIU in collaboration with PRIA International Academy	Participant Dr. Kakali Majumdar	National

9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

Sl. 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	ARTHA-2020 7-9 February 2020	School of Economics SMVDU	Head of School	SMVDU	National University

9.6 Ph.D. Guided 2019-2020

Sl./ 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)
NA	NA	NA	NA	NA

9.7 Students' Achievement (2019-2020)

S.No.	Name	Entry No.	Achievement	Institution organising the event
1	Khushi Mahajan	19IES011	Certificate of Commitment(integrity pledge to uphold highest standards of honesty and integrity), 24/10/2019	Central Vigilance Commission
2.	Ritambhra	19IES027	Hindi pakvara (essay writing) 11/09/2020- 25/09/2020 Swami vivekanand celebrations, painting competition organized by vishwasthali (basohli) 12/01/2020 Leadership and Emotional Intelligence	SMVDU Organized by vishwasthali (basholi) Offered through Coursera.

			certificate, authorized by Indian School of Business. 21/05/2020	
3	Avneet kour	18ies005	Participated and attended ESummit'20 IIT Mumbai. 1 st to 2 nd February 2020	IIT Mumbai
4	Bhooma khajuria	18ies006	2 nd prize (aakash house) in song competition for Gandhi jayanti event on 2/10/19	J&k zone central reserve police force supported by shri mata vaishno devi university
5	Deepanshu Sharma	18ies007	winner in volleyball tournament Convoquer event 8 th to 11 th march 2020	IIT Jammu
6	Deesha Mahajan	18ies008	Participated and attended ESummit'20 IIT Mumbai. 1 st to 2 nd February 2020	IIT MUMBAI
7	Katyani Gupta	18ies013	Participated and attended ESummit'20 IIT Mumbai. 1 st to 2 nd February 2020	IIT MUMBAI
8	Deepak Mahajan	18ies023	Runner up.....Cricket Tournament at the event Convoquer (8-3-2020 to 11-3-2020) AIU..... Cricket(november -2019)	IIT JAMMU Aligarh Muslim University, UP
9	Akash deep Singh	18ies027	Runner up.. basketball Tournament at the event Convoquer (8-3-2020 to 11-3-2020)	IIT JAMMU
10	Pearl Sharma	16ies027	State winner of RBI policy challenge 2020. (& thus participated in) Zonal Round of 2020 RBI Policy Challenge, and represented J&K there. On 14 th february,2020	Reserve Bank of India, New Delhi
11	Matali Mahajan	16ies016	State winner of RBI policy challenge 2020. (& thus participated in) Zonal Round of 2020 RBI Policy Challenge, and represented J&K there. On 14 th february,2020	Reserve Bank of India, New Delhi
12	Himja Sharma	16ies012	State winner of RBI policy challenge 2020. (& thus participated in) Zonal Round of 2020 RBI Policy Challenge, and represented J&K there. On 14 th february,2020	Reserve Bank of India, New Delhi
13	Raghav Sharma	16ies030	State winner of RBI policy challenge 2020. (& thus participated in) Zonal Round of 2020 RBI Policy Challenge, and represented J&K there. On 14 th february,2020	Reserve Bank of India, New Delhi
14	Sana Padha	16ies034	Summer Attachment Program –june 2020	1. National Stock Exchange, India

15	Kanika Singh	15IES016	66 th Senior National Kabbadi Championship(11-14 July 2019)	Amateur Kabbadi Federation of India (AKFI)
16	Chakshu Pandita	15IES011	First position in Rangoli Making on 2 nd October 2019.	Shri Mata Vaishno Devi University
17	Priya sharma	15ies032	Rejuvenating climate actions :think global act local 17 June 2020	Institute of climate change research
18	Akshma Nargotra	17ies002	Linear regression and modelling Dated: 18/04/2020 The power of macroeconomic: Economic Principles in real world; Dated: 31/05/2020 Understanding Financial markets; Dated: 07/06/2020 Summer Attachment program on Basics of Fundamental Analysis Dated: May 2020	Offered by Duke university (Coursera) Offered by University of California,Irvine (Coursera) Offered by University of Geneva (Coursera) Offered by NSE Academy
19	Amreen Kour	17ies003	Given a written exam for Financial Markets: A beginner's module dated on 14th Jan 2020 and got qualified . Certificate of completion in google analytics for beginners.Dated on 19th June 2019. Certificate of completion in google Tag Manager Fundamental. Dated on 19th June 2019.	National Stock Exchange Google analytics academy Google analytics academy
20	Aryan Khajuria	17ies005	AIU Cricket 2019	AIU
21	Deepika	17ies006	NSE exam for Financial Markets:A beginner's module certificate - 18th November 2019 Game Theory, Online course - 3rd July 2019	NSE Academy Stanford University and The University of British Columbia, COURSERA
22	Dhwani Joshi	17ies007	Wheebox National Employability Test Certificate (56th percentile rank) - 1st September 2019	Wheebox
23	Garima Gupta	17ies008	Certificate of Completion of "Corporate Skill Development Program" - 1st September 2019 to 30th September 2019. Certificate issued on 2nd October 2019 Second Position in Hindi Sulekh, Hindi Pakhwada, - 2nd October 2019 Certificate of Completion and Letter of Recommendation in appreciation of successful work as "Finance Management Intern" from 15th September 2019 to 6th November 2019. Certificate issued on 7th November 2019 NCFM Financial Markets: A Beginner's	organized by Vardhan Consulting Engineers SMVDU Vardhan Consulting Engineers. NSE ACADEMY issued by TATA Steel issued by TATA Steel

			<p>Module (98/100 test score), - 18th November 2019</p> <p>Certificate for completing the e-learning program on MS OFFICE on 2nd May 2020</p> <p>Certificate for completing the e-learning program on Advance Microsoft Excelon 5th May 2020</p> <p>Diploma in "Machine Learning with R Studio" on 4th June 2020.</p>	
24	Kanika Sharma	17ies011	First position in women single badminton and rifle shooting. Sports festival for women on 8 th march,2019	Shri mata vashno devi shrine board sports complex, Katra
25	Kyati Gupta	17ies012	Online Digital Marketing Course Date: 5th may	Google digital unlocked
26	Mitali Padha	17ies018	<p>94% in Financial Markets: A Beginners' Module 14-Jan-20</p> <p>project on develop a company website with wix 2-Jul-20</p> <p>communication skills -13 June, 20</p> <p>online course</p> <p>an awareness online course on GST in 90 minutes 6-Jun-20</p> <p>Master Data Management for Beginners online course 6-Jun-20</p> <p>beginner to pro in excel 2-Apr-20</p> <p>Record of Achievement Standard precautions: Waste management 12-Jun-20</p>	<p>NSE Academy</p> <p>Coursera</p> <p>TCS ion, tata consultancy services</p> <p>TCS ION, ICT ACADEMY</p> <p>iON Digital Hub</p> <p>Udemy</p> <p>world health organisation</p>
27	Nimisha Sharm	17ies019	NCFM	National Stock Exchange of India Academy
28	Raghav Bakshi	17ies020	<p>Introduction to Probability and Data with R Dated: March 2020</p> <p>Inferential Statistics; Dated: May 2020</p> <p>What is Data Science? ;Dated: May 2020</p> <p>Data Science Methodology; Dated: June 2020</p> <p>Tools for Data Science Dated: June 2020</p> <p>Data Science training Dated: May 2020</p> <p>Data Science Orientation Badge; Dated: May 2020</p> <p>Data Science Methodoloy Badge; Dated: June 2020</p> <p>Summer Attachment program on Basics of Fundamental Analysis; Dated: May 2020</p>	<p>Offered by Duke university(Coursera)</p> <p>Offered by Duke university(Coursera)</p> <p>Offered by IBM (Coursera)</p> <p>Offered by IBM (Coursera)</p> <p>Offered by IBM (Coursera)</p> <p>Offered by Internshala</p> <p>Offered by IBM (Coursera)</p> <p>Offered by IBM (Coursera)</p> <p>Offered by NSE Academy</p>
29	Ritika Karan	17ies023	<p>Financial Markets: A Beginners' Module of the NCFM. (January 14,2020)</p> <p>Published my article in Daily Newspaper, "Covid hits Global Travel and Tourism Industry" (May 26,2020)</p> <p>Successfully completed "The Power of Macroeconomics: Economic Principles</p>	<p>NSE (National Stock Exchange) Academy</p> <p>Daily Excelsior</p> <p>Coursera</p>

			<p>in the Real World", (June 6, 2020) Successfully completed an online course on Communication Skills (June 7,2020) Completed the Massive Open Online Course on "GST" (June 11, 2020)</p> <p>Got my article published in Daily Newspaper, "Jobless Growth in India" (June 17,2020) Got my article published in Daily Newspaper, "Open Access and Common Property Problems with concern to Tourism" (June 20,2020)</p>	<p>TCS iON Digital Hub Sky Campus, Digital Learning Initiative of ICT Academy, TCS iON Digital Hub Daily Excelsior</p> <p>The NEWS NOW</p>
30	Samidha Pandoh	17ies026	<p>Certificate on welcome to game theory issued on June2020 Certificate of completion of VCE intership issued feb2020 LOR by VCE feb 2020 NCFM certificate issued nov 2019</p>	<p>Coursera</p> <p>VCE VCE NSE Academy</p>
31	Sarthak Sharma	17ies028	<p>Certificate of python by guvi issued june 2020 AIU Cricket 2019</p>	<p>Guvi AIU</p>
32	Shalini Singh	17ies029	<p>NCFM Exam</p>	<p>National Stock Exchange of India Academy</p>
33	Suhasini Bali	17ies034	<p>Wheebox National Employability Test Certificate - 1st September 2019</p> <p>Certificate of Completion of "Corporate Skill Development Program" 1st September 2019 to 30th September 2019. Certificate issued on 2nd October 2019</p> <p>Certificate of Completion and Letter of Recommendation in appreciation of successful work as "Finance Management Intern" from 15th September 2019 to 6th November 2019. Certificate issued on 7th November 2019, Vardhan Consulting Engineers.</p> <p>NCFM Financial Markets: A Beginner's Module (87/100 test score) - 18th November 2019</p>	<p>Wheebox</p> <p>Organized By Vardhan Consulting Engineers</p> <p>Vardhan Consulting Engineers.</p> <p>NSE ACADEMY</p>
34	Sumaira Parveen Chowdhary	17ies035	<p>Microeconomics course :price and trade (26may2020) How commercial banking help technology companies (25 may 2020)</p>	
35	Vasuda Mahajan	17ies040	<p>Game Theory, online course : 8th July, 2019</p> <p>Student editor</p> <p>NCFM Financial Markets: A Beginner's Module (95/100 test score), - 18th November, 2019</p>	<p>Stanford University, and the University of British Columbia, Coursera Board of student's Publication, SMVDU</p> <p>NSE Academy</p>

			<p>Data Science: R basics online course - 10th May, 2020</p> <p>Participation Certificate- Summer Attachment Program on basics of Fundamental Analysis - from 18th May to 22nd May, 2020</p> <p>Participation Certificate- Summer attachment Program on Capital and Derivatives- from 11th May to 15th May, 2020</p>	<p>Harvard University, edX</p> <p>NSE Academy</p> <p>NSE Academy</p>
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FACULTY OF SCIENCE

SCHOOL OF BIOTECHNOLOGY

1. Name of the School: School of Biotechnology

2. Faculty Profile:

S. No	Name of the Faculty Member	Designation	Qualification	Specialization
1	Prof. V. Verma	Proffessor	Ph.D.	Plant Cytogenetics & Molecular biology
2	Dr. Sharada M. Potukuchi	Associate Prof. & Head ,SoBT	Ph.D. Post Doc.	Plant Tissue Culture & Genetic Engineering
3	Dr. Ratna Chandra	Associate Prof.	Ph.D., NET	Plant Genetic Engineering, Bt Transgenics
4	Dr. Anil Kumar	Assistant Prof.	M. Phil., Ph.D., NET	Organic Chemistry
5	Dr. Preeti Sharma	Assistant Prof.	Ph.D.	Microbial Biotechnology & Environmental Science
7	Dr. Shafaq Rasool	Assistant Prof.	Ph.D.	Microbiology & Biotechnology
8	Mr. Parvez S. Slathia	Assistant Prof.	M.Sc. NET, (Pursuing Ph. D.)	Bioinformatics & Biofuels
9	Mr. Arvind Yadav	Assistant Prof.	BE, M. Tech.	Biochemical Engineering
10	Dr. Indu Bushan	Assistant Prof.	Ph.D.	Biochemistry & Biotransformation
11	Dr. Vinod Singh	Assistant Prof.	Ph.D.	Immunology
12	Dr. Swarkar Sharma	Assistant Prof.	Ph.D. Post Doc.	Genetics and Genomics of Human Disorders, Next Generation Sequencing
13	Dr. Ekta Rai	Assistant Prof.	Ph.D. Post Doc.	Molecular Genetics of Human Disorders, Diabetes
14	Dr. Rakesh Kumar	Assistant Prof.	Ph.D. Post Doc.	Cancer Biology DNA Damage Response
15	Dr.Raju Shankarayan	Assistant Prof.	B. Pharm., M.Tech., Ph.D.	Biochemical Engineering & Biotechnology
16	Dr. Narender Bairwa	Assistant Prof.	Ph.D. Post Doc.	Biotechnology & Genetics

3. Programmes Offered & Enrollment (2019-2020):

B.Tech.	M.Tech.
NA	NA

4. Details of B.Tech. Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA

5. Details of M.Sc.(BT) Students (2019-2020):

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	05	31	36
2019-2020	05	31	36

6. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	03	04	07
Awarded 2019-20	02	05	07
Total Presently under Supervision	04	14	18

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020):

Sl. 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
01	Guest Lecture for UG/PG Student of SoBT 18-10-2019	Chemistry of Biomolecules using NMR Spectroscopy held on	SoBT, SMVDU	Dr. Himanshu Singh, Department of Chemistry and Chemical Biology, Technical University of Dortmund, Dortmund, Germany	International

8. Degree Awardees Nos. (2019-2020):

B.Tech : 13
M. Sc. : 33
Ph. D. : 07

Information of Ph. D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisor & Co-supervisor	Entry No.
01	Dr. Varun Sharma	Supervisor: Dr. Swarkar Sharma Co-supervisor: Dr. Vinod Singh	14DBT012
02	Dr. Indu Sharma	Supervisor: Dr. Ekta Rai	14DBT011
03	Dr. Arshia Angural	Supervisor: Dr. Swarkar Sharma Co-supervisor: Dr. V. Verma	14DBT001
04	Dr. Supriya Hakeem	Supervisor: Dr. Preeti Sharma Co-supervisor: Dr. Ratna Chandra	14DBT010
05	Dr. Varun Pratap Singh	Supervisor: Dr. Ram Vishwakarma, CSIR-IIIM, Jammu Co-supervisor: Dr. Anil Kumar	11PHDSBC01
06	Dr. Prateek Kour	Supervisor: Dr. Anil Kumar	12PHDSBC01
07	Dr. Verruchi Gupta	Supervisor: Prof. V. Verma Co-supervisor: Dr. Shafaq Rasool	15DBT003

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

S. No.	Title of the project and duration	Whether major or minor project	Funding Agency	Funding received/ Total grants	Role performed: Investigator/ Co-	Date of commencement and date of
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				(In Lakhs)	investigator	completion
	Analyses of Modern Human DNA to understand genomic formation of population groups from J&K-India	Major	National Geographic Society, USA	~30 (USD 50,000)	Dr. Swarkar Sharma, PI Dr. Ekta Rai, Co-PI	2019-2021
1.	Centre for Advance Research (CAR) entitled 'To restraint or regulate the reproductive health issues of human from J&K'	Major	Indian Council of Medical Research (ICMR)	910	Dr. Rakesh Kumar, SMVDU Coordinator	2019-2024
2.	Establishment of Bioinformatics Infrastructure (BIF) for the promotion of Biology Teaching through Bioinformatics	Major	Apex Bioinformatics Centre, Dept. of Biotechnology, New Delhi	97.11	Prof. V. Verma, Coordinator	2013-2017 2017-2020
3.	Molecular characterization of non-small cell lung carcinoma in patients from Jammu and Kashmir	Major	DST-SSTP Grant	90.01	Dr. Rakesh Kumar, PI	2017-2020
4.	Targeting synthetic lethality interaction among genome stability and protein degradation pathways mediated by SCF-E3 ligase component F box proteins for personalized drug development	Major	Department of Biotechnology, Govt. of India	82	Dr. Narendra Bairwa, PI	2013-2018
5.	Identification of unique and novel alleles of thermo stable and cold active lipases and cellulases from microflora of J&K State using metagenomic approach against J&K Special Call	Major	Department of Biotechnology, Govt. of India	49.56	Dr. V. Verma, PI/ Dr. Shafaq Rasool, Co-PI	2015-2018
6.	Engineering of the Insulin-producing probiotic yeast <i>Saccharomyces boulardii</i> and exploration of its applications as therapeutics for diabetes	Major	SERB-DST, Govt. of India	47.0	Dr. Narendra Bairwa, PI	2017-2020
7.	Genetic Diversity and Evolutionary Perspectives in Population Groups of Jammu and Kashmir, India	Major	National Geographic Society, USA	~30 (USD 50,000)	Dr. Swarkar Sharma, PI Dr. Ekta Rai, Co-PI	2014-2018
8.	Exploring the potential of probiotic bacteria as a	Major	Department of Biotechnology,	37.09	Dr. Preeti Sharma, PI/	2014-2018

	potential source of phytate degrading enzymes and bacteriocin production		Govt. of India		Mr. Parvez S. Slathia, Co-PI	
9.	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
10.	Genetic perspective of DNA Damage in breast cancer	Major	Department of Science & Technology, SERB, Govt. of India	24.90	Dr. Rakesh Kumar, PI	2015-2018
11.	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
12.	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
13.	Human Genetic Diversity and Evolutionary Perspectives of Type 2 Diabetes Susceptibility in Indian Populations	Minor	University Grants Commission, Govt. of India	6.0	Dr. Swarkar Sharma, PI	2014-2016
14.	Exploring <i>Myxobacteria</i> 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
15.	Strengthening of Botanical Garden	Major	Ministry of Environment and Forest, GoI	13	Dr. Dheeraj Vyas, PI	2007-2008
16.	Establishment of Herbal Garden Trikuta Hills at SMVDU University	Major	National Medicinal Plants Board, Ministry of Health & Family Welfare, GOI New Delhi	10	Dr. Sharada M. Potukuchi, PI	2007-2010
17.	Fermentative production of lactic acid from Mahua flowers	Major	TRIFED, New Delhi	14.95	Prof. V. Verma, PI	2007-2009
18.	Development of DNA fingerprints in selected medicinal plants	Minor	Dabur India Limited, Ghaziabad	5.0	Prof. V. Verma, PI	2007-2010
19.	Organocatalytic asymmetric Mannich/Intramolecular	Minor	University Grants Commission,	9.0	Dr. Anil Kumar, PI	2011-2014

	cyclization as formal [3+2] cycloaddition: One-pot synthesis of substituted pyrrolidine ring systems		Govt. of India			
20.	DST Special Package for J&K	Major	Department of Science & Technology, Govt. of India	97.4	Prof. V. Verma, Coordinator	2009-2014
21.	UGC SAP DRS-I	Major	University Grants Commission, GOI	64.75	Prof. V. Verma, Coordinator, Dr. Sharada M. Potukuchi, Dy. Coordinator	2011-2016
22.	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
23.	Exploring Microbial Diversity & Mining Novel Hydrolases from Brackish Water Lakes of Ladakh Region by Metagenomic Approach	Major	Council of Scientific and Industrial Research, Govt. of India	34.0	Dr. Shafaq Rasool, PI	2012-2015
24.	mi RNA Status in Breast Tumors and therapeutic Potential	Major	J&K State DST, J&K	150.0	Prof. R.N.K. Bamezai, PI, Dr. Rakesh Kumar, CoPI	2012-2015
25.	Cell and tissue engineering of <i>in vitro</i> cultures of <i>Bacopa monnieri</i> (L.)	Major	University Grants Commission, Govt. of India	13.71	Dr. Sharada M. Potukuchi, PI	2012-2015
26.	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
27.	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
28.	Scientific Innovation and Intellectual Property Rights	Minor	DST-JK (Workshop)	1.0	Dr. Rakesh Kumar, PI	2017
29.	International Conference Grant	Minor	Department of Science & Technology, Govt. of India	0.75	Dr. Indu Bhushan	2019
TOTAL GRANTS				1934.81 (Completed & Ongoing)		

9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National

9.3 Research Publications (with full details in below format) for 2019-2020:

Edited book:

Sl. No	Title of the book	Authored/ Co-authored (Mention all authors)	Name of the publisher Indicate National or International	ISBN No. Year of publication
01	Nanomaterials and Environmental Biotechnology	Indu Bhushan, Vivek Kumar Singh, Durgesh Kumar Tripathi	Springer International	978-3-030-34544-0 2020

For chapters in a book (2019-2020):

Sl. 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
01	Effect of Nanoparticles on Oxidative Damage and Antioxidant Defense System in Plants Savita Sharma, Vivek K. Singh, Anil Kumar and Sharada Mallubhotla	Molecular Plant Abiotic Stress: Biology and Biotechnology, First Edition	Aryadeep Roychoudhury and Durgesh Kumar Tripathi	John Wiley & Sons Ltd. International	<u>9781119463665</u> 2019
02	Plastic Waste Management Practices Savita Sharma and Sharada Mallubhotla	Zero Waste: Management Practices for Environmental Sustainability	Ashok K. Rathoure	CRC Press, USA International	9780429059247 2019
03	Good Practices of Hazardous Waste Management Vidushi Abrol, Manoj Kushwaha, Nisha Sharma, Sundeep Jaglan and Sharada Mallubhotla	Zero Waste: Management Practices for Environmental Sustainability	Ashok K. Rathoure	CRC Press, USA International	9780429059247 2019
04	Efficiency Enhancement of Renewable Energy Systems Using Nanotechnology.	Nanomaterials and Environmental Biotechnology	Indu Bhushan, Vivek Kumar Singh, Durgesh Kumar	Springer International	978-3-030-34544-0 2020

	Neelu Raina, Preeti Sharma, Parvez Singh Slathia, Deepali Bhagat, Atin Kumar Pathak		Tripathi		
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For paper (2019-2020):

Sl. 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)
01	Munish Sharma, Anuja Koul, Ashok Ahuja and Sharada Mallubhotla Whether main author- Yes	Suitability of bench scale bioreactor system for shoot biomass production and bacoside biosynthesis from <i>Bacopa monnieri</i> (L.)	<i>Engineering in Life Sciences</i> ISSN: 1618-2863	1-7. doi.org/10.1002/elsc.201800184	SCI E IF: 1.936
02	Anuja Koul and Sharada Mallubhotla Whether main author- Yes	Elicitation and enhancement of bacoside production using suspension cultures of <i>Bacopa monnieri</i> (L.) Wettst	<i>3 Biotech</i> ISSN:2190-5738	10: 256, DOI: 10.1007/s13205-020-02242-0	SCI E IF: 1.786
03	Parvez Singh Slathia, Preeti Sharma Whether main author- Yes	A common conserved peptide harboring predicted T and B cell epitopes in domain III of envelope protein of Japanese Encephalitis Virus and West Nile Virus for potential use in epitope based vaccines	Comparative Immunology, Microbiology and Infectious Diseases Elsevier ISSN: 0147-9571 DoI: https://doi.org/10.1016/j.cimid.2019.06.008	Volume: 65 Year:2019 Page Nos: 238-245	SCI E Impact factor- 1.871
04	Parvez Singh Slathia, Neelu Raina, Asha Kiran, Rizem Kour, Deepali Bhagat, Preeti Sharma	Dilute acid pretreatment of pine needles of <i>Pinus roxburghii</i> by response surface	Biomass Conversion and Biorefinery ISSN- 2190-6823 DoI:	Volume: 10 Year:2020 Page Nos: 95-106	SCI E Impact Factor- 2.6

	Whether main author- Yes	methodology for bioethanol production by separate hydrolysis and fermentation	https://doi.org/10.1007/s13399-019-00433-1		
05	Deepali Bhagat, Neelu Raina, Amit Kumar, Meenu Katoch, Yugal Khajuria, Parvez Singh Slathia, Preeti Sharma Whether main author- Yes	Probiotic properties of a phytase producing <i>Pediococcus acidilactici</i> strain SMVDUB2 isolated from traditional fermented cheese product, Kalarei. (1-11)	Nature Scientific Reports ISSN- 2045-2322 DoI: https://doi.org/10.1038/s41598-020-58676-2	Volume:10 Issue: 1 Year: 2020 Page Nos: 1-11	SCI E Impact Factor-4.11
06	Parvez Singh Slathia, Neelu Raina, Deepali Bhagat, Vinaik Raina, Nisha Sharma, Preeti Sharma Whether main author- Yes	Alkaline pretreatment optimization for <i>Pinus roxburghii</i> needle biomass employing response surface methodology for bioethanol production by separate hydrolysis and cofermentation	Indian Journal of Experimental Biology ISSN- 0975-1009	Volume:57 Issue:11 Year: 2019 Page Nos: 852-862	SCI E Impact Factor-0.934
07	Deepali Bhagat, Parvez Singh Slathia, Neelu Raina, Preeti Sharma Whether main author- Yes	<u>Production of phytase from <i>Lactobacillus paracasei</i> strain and its probiotic profile.</u>	Indian Journal of Experimental Biology Impact Factor-0.934 ISSN- 0975-1009	Volume:57 Issue:11 Year: 2019 Page Nos: 839-851	
08	Supriya Hakeem, Inderpal Singh, Preeti Sharma, V.Verma, Ratna Chandra Whether main author- Yes	In silico screening and molecular dynamics simulation study to identify novel potent inhibitors against <i>Mycobacterium tuberculosis</i> DnaG Primase	Acta Tropica Impact Factor-2.5 ISSN- 0001-706X	Volume:199 Year:2019 Page Nos: 105154	
	1.Shamshad Ahmad 2.Richa Kothari 3.Raju Shankarayan 4.V.V. Tyagi Whether main author- No	Temperature dependent morphological changes on algal growth and cell surface with dairy industry wastewater: an experimental Investigation.	3-Biotech, Springer, KACST ISSN- 2190572X, 21905738, https://doi.org/10.1007/s13205-019-2008-x	10:24 (2020), 1-12.	SCI, Impact Factor-2.270
09	1.Richa Kothari	Algal-based	Biomass	(2019), 1-24	SCI,

	2.Shamshad Ahmad 3.Vinayak V. Pathak 4.Arya Pandey 5.Ashwani Kumar 6. Raju Shankarayan 7. Paul N. Black 8.V.V. Tyagi Whether main author- No	biofuel generation through flue gas and wastewater utilization: a sustainable prospective approach,	Conversion and Biorefinery, Springer-Verlag GmbH Germany, part of Springer Nature ISSN-21906815, 21906823, https://doi.org/10.1007/s13399-019-00533-y		Impact Factor- 2.326
10	Freda Lalrohlui, Varun Sharma, Indu Sharma, Hemender Singh, Guneet Kour, Surbhi Sharma, Yuman, John Zohmingthanga, Vanlalhrui, Ekta Rai, Vinod Singh , Nachimuthu Senthil Kumar & Swarkar Sharma Whether main author- No	MACF1 gene variant rs2296172 is associated with T2D susceptibility in Mizo population from Northeast India.	International Journal of Diabetes in Developing Countries (I.F. 0.585) Electronic ISSN: 1998-3832 Print ISSN: 0973-3930 DOI: https://doi.org/10.1007/s13410-019-00788-1	2020	SCI
11	Sarmeela Sharma, Freda Lalrohlui, Varun Sharma, Indu Sharma, Shruti Sharma, Tasmeen Javed Parihar, John Zohmingthanga, Vinod Singh , Swarkar Sharma, Nachimuthu Senthil Kumar & Ekta Rai Whether main author- No	Candidate gene association study of UCP3 variant rs1800849 with T2D in Mizo population of Northeast India.	International Journal of Diabetes in Developing Countries (I.F. 0.585) Electronic ISSN: 1998-3832 Print ISSN: 0973-3930 DOI: https://doi.org/10.1007/s13410-020-00812-9	2020	SCI

9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented (2019-2020)

Example:

Sl. 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 Simply Attended	National/ International (abroad)/ International (within the country)/ State/ University
01	Seminar on 'Sustainable Living: An Environmental Challenge'	Role of microbes in sustainable	GCW, Parade, Jammu	Plenary Speaker Dr. Preeti Sharma	State

		development			
02	Faculty Development Program on Energy & Power Systems held at School of Energy Management, Shri Mata Vaishno Devi University, Katra (J&K) from 05 th Aug 2019 to 09 th Aug, 2019.	NA	School of Energy Management, SMVDU Katra	Attended Dr. Raju Shankarayan	National
03	One week online course on “Community University Engagement: Moving towards engaged Teaching, Research and Service” from 18 to 22nd May, 2020	NA	PRIA International Academy (PIA) in partnership with Association of Indian Universities	Attended and Successfully completed Dr. Raju Shankarayan	National
04	2019 NGBT (Nextgen Genomics, Biology, Bioinformatics and Technologies Conference), Sept 30 th -Oct 2 nd , 2019		SciGenom Research Foundation (SGRF)	Attended Dr. Vinod Singh	International (Mumbai, India)
05	International Conference on Applied Biology (ICAB 2019), November 4-6, 2019		Society of Biologists	Attended Dr. Vinod Singh	International (SMVDU, Katra)
06	World Congress on Reproductive Health with Emphasis on Reproductive Cancers, Infertility and Assisted Reproduction (ISSRF-2020), February 14-16, 2020		<u>Indian Society for the Study of Reproduction & Fertility</u> , and SMVDU, Katra	Attended Dr. Vinod Singh	International (SMVDU, Katra)
07	7th Central European Congress of Life Sciences Eurobiotech 2019 23-25 September, 2019, Krakow, Poland	Designing of epitope based vaccine based on common conserved epitopes of Japanese Encephalitis Virus, West Nile Virus and Zika Virus using in silico methods	Institute of bioorganic chemistry polish academy of sciences	Oral presentation Mr. Parvez Singh Slathia	International (Poland)
08	7th Central European Congress of Life Sciences Eurobiotech 2019 23-25 September, 2019, Krakow, Poland	Production of value added materials from pine needle biomass using	Institute of bioorganic chemistry polish academy of sciences	Poster presentation Mr. Parvez Singh Slathia	International (Poland)

		biorefinery approach			
09	7th Central European Congress of Life Sciences Eurobiotech 2019 23-25 September, 2019, Krakow, Poland	Designing of epitope based vaccine based on common conserved epitopes of Japanese Encephalitis Virus, West Nile Virus and Zika Virus using in silico methods	Institute of bioorganic chemistry polish academy of sciences	Oral presentation Mr. Parvez Singh Slathia	International (Poland)

9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

Sl. 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
01	International Conference on Applied Biology (ICAB-2019) & first Annual Convention of Society of Biologists held at Shri Mata Vaishno Devi University, Katra, J&K-India from 4 th -6 th November, 2019.	<u>Dr. Indu Bhushan</u> <u>Dr. Sharada M. Potukuchi</u> <u>Dr. Rakesh Kumar</u>	<u>Convener</u> <u>Co-convener</u> <u>Co-convener</u>	SMVDU Katra and supported by DST, GoI	International
02	World Congress on Reproductive Health with focus on Reproductive Cancers, Intertility and Assistade Reproduction from 214- to 16 th Feb'2020	<u>Dr. Rakesh Kumar</u> <u>Dr. Sharada M. Potukuchi</u> <u>Dr. Indu Bhushan</u>	<u>Convener</u> <u>Co-convener</u> <u>Co-convener</u>	SMVDU supported by DST, DST SERB, CSIR, MCI JKDST	International

9.6 Ph.D. Guided 2019-2020

Sl./ 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)
01	Varun Sharma	Supervisor: Dr. Swarkar Sharma	Identification and Evaluation of Type 2	--

		Co-supervisor: Vinod Singh	Diabetes Susceptibility Genes in Northwest Indians.	
02	Indu Sharma	Supervisor: Dr. Ekta Rai	Evolutionary History and Genetic Diversity of Various Population Groups of Jammu and Kashmir.	--
03	Arshia Angural	Supervisor: Dr. Swarkar Sharma Co-supervisor: Dr. V.Verma	Identification and Genetic Characterization of Rare Human Genetic Disorders in Consanguineous Population of Jammu and Kashmir.	--
04	Supriya Hakeem	Supervisor: Dr. Preeti Sharma Co-supervisor: Dr. Ratna Chandra	Computational Study on Interaction of Selected Enzymes and Inhibitors for Drug Design against Mycobacterium tuberculosis.	--
05	Dr. Varun Pratap Singh	Supervisor: Dr. Ram Vishwakarma, CSIR-IIIM, Jammu Co-supervisor: Dr. Anil Kumar	Isolation and Synthesis of Small Peptide of Microbial Origin and Lead Optimization of Bioactive Peptide.	--
06	Dr. Prateek Kour	Supervisor: Dr. Anil Kumar	Multi- component Strategy for the Synthesis of Pharmaceutically Active <i>N</i> - and <i>O</i> -Heterocyclic Compounds.	--
07	Dr. Verruchi Gupta	Supervisor: Prof. V.Verma Co-supervisor: Dr. Shafaq Rasool	Metagenomics for Mining Novel Genetic Resources of Microbial Communities from High Altitude Areas of Jammu and Kashmir.	--
08.	Ms. Deepali Bhagat	Supervisor : Dr. Preeti Sharma	--	Thesis submitted (Characterization of phytate degrading enzyme from selected probiotic isolates.)
09.	Ms. Jyotsna Sharma	Supervisor: Dr. Raju Shankarayan Co-Supervisor: Dr. Sharada M. Potukuchi	--	Studies on regeneration, biochemical profiling and bioactivity analysis in selected medicinal plant species.
10.	Ms. Ruchi Shah	Supervisor: Dr. Swarkar Sharma	--	Genetic Susceptibility in esophageal carcinoma patients from Jammu and Kashmir.
11.	Ms. Itty Sethi	Supervisor: Dr. Ekta Rai Co-supervisor: Dr. Swarkar Sharma		Genetic Screening of Telomere Maintenance Genes in Type 2 Diabetic Patients from Punjab and Jammu & Kashmir.

12	Ms. Amrita Bhat	Supervisor: Dr. Rakesh Kumar		Advanced Molecular analysis in leukemic patients from North Indian Population.
13	Mr. Ghulam Rasool Bhat	Supervisor: Dr. Rakesh Kumar		Genetic Characterisation of Non-Small Cell Lung Carcinoma in Patients From Jammu and Kashmir.
14	Ms. Anuja Koul	Supervisor: Dr. Sharada M. Potukuchi		Phytochemical and Genetic Diversity Assessment on <i>in vitro</i> Regeneration aspects in Selected Accessions of <i>Bacopa monnieri</i> (L.) Wettst”
15	Mr. Rishabh	Supervisor: Prof. Saroj Mishra, IIT Delhi Co-supervisor: Dr. Shafaq Rasaool		Investigation of a Cellobiose Dehydrogenase From Lignocellulose Degrading <i>Termitomyces</i> sp. OE 147
16	Ms. Vidhushi Abrol	Supervisor : Dr. Sundeep Jaglan Co- supervisor : Dr.Sharada M. Potukuchi		Studies on secondary metabolites production in drug producing fungi by chemical mutagenesis”
17	Ms. Savita Sharma	Supervisor: Dr. Sharada M. Potukuchi		An Investigative Study on <i>in vitro</i> Regeneration and Production of Phytochemicals in Selected Medicinal Plant Species.

9.7 Students' Achievement (2019-2020)

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
	NA	NA	NA	NA

SCHOOL OF MATHEMATICS

1. **Name of the School:** School of Mathematics

2. **Faculty Profile:**

S.No	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. V.K Bhat	Professor	Ph.D.	Ring Theory, Graph Theory
2.	Dr. Uday Pratap Singh	Associate Professor	Ph.D., CSIR NET	Soft Computing, 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	Ph.D., CSIR NET	Information Theory
8.	Dr. Sandeep Sharma	Assistant Professor	Ph.D.	Differential Geometry

3. **Details of M.Sc. Students(2019-2020):**

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	7	31	38

4. **Details of Research Scholars:**

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	3	3	6
Awarded 2019-20	0	3	3
Total Presently under Supervision	6	10	16

Total Submission	0	2	2
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5. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School:

S.No	Title of the seminar/conference and dates and year	Title of the Talk	Organizing agency	Who delivered a talk as Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/International(a broad/International(within the country)/State/University
1.	Expert lecture for 1 st and 2 nd year M.Sc. (Mathematics) Students dated 18 th Sept 2019	Geometric Group Theory	SMVDU	Prof. R.K. Sharma (IIT Delhi)	University
2.	Expert lecture for 1 st and 2 nd year M.Sc. (Mathematics) Students dated 9 th Oct 2019	Double Sequences	SMVDU	Prof. B.C. Tripathy, Head Department of Mathematics, Central University of Tripura	University
3.	Expert Lecture for 1 st and 2 nd year M.Sc.(Mathematics) Students and Research Scholars of SoM dated 20 th – 22 nd Nov 2019	A gentle introduction to Monto-carlo Simulation, Gentle Introduction to statistical modeling, Big-Data from statistician's prospective for 1 st and 2 nd year M.Sc Mathematics students	SMVDU	Prof. Shalabh, IIT Kanpur	University

6. Degree Awardees Nos (2019-2020):

M.Sc. : 39

Ph.D. : 03

Information of Ph.D. Degree Awardees (2019-20):

S.No.	Name of the candidate	Name of Supervisor & Co-supervisors	Entry No.
1.	Ms. Charu Sharma	Dr. Kuldip Raj	15DMT001
2.	Ms. Renu Anand	Dr. Kuldip Raj	14DMT002
3.	Ms. Sapana Sharma	Dr. Rakesh Kumar	15DMT003
4.	Mr. J P Singh	Dr. Uday Pratap Singh	16DCS001
5.	Mr. S S Chouhan	Dr. Uday Pratap Singh	16DCS001

7. Information About Each Faculty

7.1 Research Projects Initiated & Completed by the Faculty (2019-2020):

S.N o.	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.	Completely prime ideals of skew polynomial rings		SERB-DST	4.43 lacs	PI	Ongoing	
2.	A Study of Orlicz Sequence Spaces and Their Operators	Major	CSIR INDIA	About 20 Lacs	Investigator	01-04-2018 & 01-04-2021	First Report

7.2 Patents (2019-2020):

S.N o.	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National
1.	Human Identification in Multi-gait	Application No.:	National

	Scenario	SMVDU/IPMSC/039	
2.	Device to Automatically Configure a Firewall and Monitor Network	Application No.: 201921017918 A	National

7.3 Research Publications (with full details in below format) for 2019-2020:

S.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	Uday Pratap Singh, V. Sakhre	De Gruyter	978-3-11-065626-8 Year:2021

For Chapters in a book (2019-2020):

S.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	Matrix Rings as One sided σ –S,1) Rings V.K.Bhat & Pradeep Singh	New Trends in Algebras & Combinatorics	K.P. Shum, E.Zelnanov, P.Kolesnikov, S.M.Anita Wong	World Scientific International	978-981-121-546-9 Year 2020
2	Performance Evaluations of a Cloud Computing Physical Machine with Task Reneging and Task Resubmission (Feedback) (Authors: Godlove Suila Kuaban, Bhavneet Singh Soodan, Rakesh Kumar, and Piotr Czekalski)	Computer Networks	Piotr Gaj, Wojciech Gumiński, Andrzej Kwiecień	Springer, International	ISBN No.: 978-3-030-50719-0 Year: 2020
3	Transient and steady-state behavior of a two	Performance Prediction and	Kusum Deep, Madhu Jain,	Springer, International	ISBN No.: 978-981-13-0857-4

heterogeneous servers' queuing system with baking and retention of reneing customers (Authors: Rakesh Kumar, Sapana Sharma and Gulab Singh Bura)	Analytics of Fuzzy, Reliability and Queuing Models	Said Salhi		Year: 2019
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For paper (2019-2020):

S.N	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.	Faculty: Dr. Vijay Kumar Bhat & Pradeep Singh	Zero Divisor Graphs of Finite Commutative Rings : A Survey	Journal Name: Surveys in Mathematics and its Applications National/International Publisher: ISSN: 1842-6298	Vol : 15 Year: 2020 Page Nos. 371-397	SCOPUS
2	Dr. Vijay Kumar Bhat, Pradeep Singh & Sunny Sharma	On weak σ, δ – Rigid Rings over Noetherian Rings	Journal Name: Acta Univ. Sapientiae, Mathematica National/International : International Publisher: SCOPUS & WOS ISSN: 1844-	Issue : 01 Page No: 5-13 Dol: 10.2478 Vol: 12 Year: 2020	SCOPUS & WOS

			6094		
3	G. Kumar, S. Jain and Uday Pratap Singh	<u>Stock Market Forecasting Using Computational Intelligence: A Survey</u>	Journal Name: Archives of Computational Methods in Engineering National/International : International Publisher: Springer ISSN: 1886-1784	Year: 2020	SCIE; Impact Factor : 7.24
4	S.S. Chouhan, Uday Pratap Singh and S. Jain	<u>Web facilitated Anthracnose disease segmentation from the leaf of Mango tree using Radial basis function (RBF) neural network</u>	Journal Name: <u>Wireless Personal Communications</u> National/International : International Publisher: Springer ISSN: 1572-834X	Dol: <u>10.1007/s11277-020-07279-1</u> Year: 2020	SCIE; Impact Factor : 0.929
5	S.S. Chouhan, Uday Pratap Singh and S. Jain	<u>Images as Graphical Password: Verification and Analysis using Non-Regular Low-Density Parity Check Coding</u>	Journal Name: <u>International Journal of Information Technology</u> National/International : International Publisher: Springer ISSN: 2511-2112	Year: May,2020	SCOPUS
6	J.P. Singh, S.Jain, S. Arora and Uday Pratap Singh	<u>A Survey of Behavioral Biometric Gait</u>	Journal Name: Archives of Computational	Year: 2020	SCIE; Impact Factor : 7.24

		<u>Recognition:</u> <u>Current</u> <u>Success</u> <u>and Future</u> <u>Perspectives</u>	Methods in Engineering National/International : International Publisher: Springer ISSN: 1886-1784		
7	J.P. Singh, S. Jain, S. Arora and Uday Pratap Singh,	<u>Reconstruction</u> <u>of Occluded</u> <u>ROI in</u> <u>Multiperson</u> <u>Gait Based on</u> <u>Numerical</u> <u>Methods</u>	Journal Name: Multimedia Systems National/International : International Publisher: Springer ISSN: 1432-1882	Volume: 26 Page No.s: 249- 266 Year: 2019	SCIE; Impact Factor : 1.956
8	Uday Pratap Singh, S.S. Chouhan, S. Jain and S. Jain	Multilayer Convolution Neural Network for the Classification of Mango Leaves Infected by Anthracnose Disease	Journal Name: IEEE Access National/International : International Publisher: ISSN: 1886-1784	Volume: 7 DOI: 10.1109/ACCESS. S.2019.2907383 Page No.s: 43721-43729 Year: 2019	SCIE; Impact Factor : 4.09
9	Uday Pratap Singh, S. Jain, R.K. Gupta and A. Tiwari	AFMBC For a Class of Nonlinear Discrete-Time Systems with Dead Zone	Journal Name: International Journal of Fuzzy Systems National/International International Publisher: Springer ISSN: 2199- 3211	Volume: 21 Page No.s: 1073-1084 Year: 2019	SCIE; Impact Factor : 3.10
10	S.S. Chouhan, Uday Pratap	Application of	Journal Name:	Volume: 27	SCIE;

	Singh and S. Jain	Computer Vision in Plant Pathology: A Survey	Archives of Computational Methods in Engineering National/International : International Publisher: Springer ISSN: 1886-1784	Issue No.: 2 Page No.s: 611-632 Year: 2019	Impact Factor : 7.24
11	A. K. Das & S.S. Raina	On Relative β -Normality	Name of the Journal: Acta Mathematica Hungarica Publisher: Springer ISSN: 0236-5294 (Print) 1588-2632 (Online) Impact factor: 0.538	Volume: 160 Issue: 2 Year: 2020 Page Nos.: 468-477	SCI Indexed Journal Impact factor: 0.538
12	Dr. Kuldip Raj	Matrix transformations of Norlund–Orlicz difference sequence spaces of non-absolute type and their Toeplitz duals	Adv. Differ. Equ, 1687-1839	2020:110	SCIE, Scopus 1.720
13	Dr. Kuldip Raj	Matrix transformation on lacunary sequence spaces and their Toeplitz	Houston J. Math. 0362-1588	45(3) (2019) 831-851	SCIE 0.30

		duals			
14	Dr. Kuldip Raj	Relative modular uniform approximation by means of power series method with applications	Rev. Un. Mat. Argentina 1669-9637	60 (2019), 187-208	SCIE 0.517
15	Dr. Kuldip Raj	Composition operators on the Dirichlet space of the upper half plane	New York J. Math. 1076-9803	25 (2019) 198-206	SCIE, Scopus 0.551
16	Dr. Kuldip Raj	Orlicz sequence spaces of four dimensional regular matrix and their closed ideal	Honam Mathematical J. 1225-293X	41 (4) (2019), 725-744	ESCI
17	Dr. Kuldip Raj	Orlicz arithmetic convergence defined by matrix transformation and lacunary sequence	Songklanakarin J. Sci. Technol. 0.2 & 0125-3395	42 (2) (2020), 263-273	Scopus
18	Dr. Kuldip Raj	Applications of double difference fractional order operators to originate some spaces of sequences	J. Comput. Anal. Appl. 1521-1398	20 (2020) 94-103	Scopus 0.3

19	Dr. Kuldip Raj	Weighted composition operators from Drichlet type spaces to some weighted type spaces	J. Comput. Anal. Appl. 1521-1398	28 (2020), 127-135	Scopus 0.3
20	Dr. Kuldip Raj	Orlicz lacunary sequence spaces of l -fractional difference operators	J. Appl. Anal. 1425-6908	(Accepted)	Scopus, ESCI 0.18
21	Dr. Kuldip Raj	A relation of Banach limit and difference matrix to generate some orlicz sequence spaces	Proyecciones 0716-0917	38 (4) (2019) 647-663	Scopus 0.42
22	Dr. Kuldip Raj	Applications of Riesz mean and lacunary sequences to generate Banach spaces and AK-BK spaces	An. Univ. Craiova Ser. Mat. Inform 1223-6934	46 (1) (2019), 150-163	Scopus, ESCI 0.13
23	Dr. Kuldip Raj	Applications of Tauberian Theorems for Cesaro Orlicz double sequences	Politehn. Univ. Bucharest Sci. Bull. Ser. A Appl. Math. Phys. 1223-7027	81 (3) (2019), 127-138	SCIE 0.496
24	Dr. Kuldip Raj	On some spaces of Cesaro sequences of fuzzy number	Acta Univ. Sapientiae, Mathematica 2066-7752	11 (2019), 156-171	Scopus, ESCI 0.28

		associated with λ -convergence and Orlicz function			
25	Dr. Kuldip Raj	Difference sequence spaces for K-functions and its extension to double by a new matrix theoretic approach	Anna. Acad. Rom. Sci. Ser. Math. Appl. 2066-5997	11(1)(2019), 5-23	Scopus 0.35
26	Dr. Kuldip Raj	Kothe-Orlicz vector-valued weakly sequence spaces of difference operators	Methods Funct. Anal. Topology 1029-3531	25 (2) (2019), 161-176	Scopus, ESCI
27	Dr. Kuldip Raj	Applications of non-newtonian calculus for classical spaces and Orlicz functions	Afr. Mat. 1012-9405	30 (2019), 297-309	Scopus, ESCI 0.29
28	Dr. Kuldip Raj	Lacunary sequence spaces defined by Euler transform and Orlicz functions	J. Comput. Anal. Appl 1521-1398	27 (2019), 770-780	Scopus 0.3
29	Rakesh Kumar & Bhupender Kumar Som Whether the applicant is the main author: Yes	A Multi-server Queue with Reverse Balking and Impatient	Name of the Journal: Pakistan Journal of	Volume: 36 Issue No.: 2 Year: 2020 Page Nos.: 91-101	Specify: Peer-reviewed, UGC listed Journal, Indexed Journal in SCOPUS

		Customers	Statistics Publisher & Location: ISOSS PUBL, Lahore ISSN No.:1012-9367		
30	1.Rakesh Kumar 2. Sapana Sharma 3. S.I. Ammar Whether the applicant is the main author: Yes	Transient and steady-state analysis of a queuing system having customers' impatience with threshold	Name of the Journal: RAIRO Operations Research Publisher & Location: EDP Sciences, France ISSN No.:0399-0599	Volume: 53 Issue No.: 5 Year: 2020 Page Nos.: 1861-1876	Specify: Peer-reviewed, UGC listed Journal, Indexed Journal in SCI & SCOPUS Impact factor: 0.639 (if available)
31	Rakesh Kumar and Sapana Sharma Whether the applicant is the main author: Yes	Transient analysis of an M/M/c queuing system with retention of reneging customers	Name of the Journal: International Journal of Operational Research. Publisher & Location: ISSN No.: 1745-7645	Volume: 36 Issue No.: 1 Year: 2019 Page Nos.: 78-91	Specify: Peer-reviewed, UGC listed Journal, Indexed Journal in SCOPUS
32	Rakesh Kumar, Sapana	Transient Solution of a	Name of the Journal:	Volume: 15 Issue No.: 1	Specify: Peer-reviewed,

	<p>Sharma, Bhavneet Singh Soodan, P. Vijaya Laxmi, and Bhupender Kumar Som</p> <p>Whether the applicant is the main author: Yes</p>	<p>Heterogeneous Queuing System with Balking and Catastrophes</p>	<p>Reliability (Theory and Applications)</p> <p>Publisher & Location:Gne denko Forum, USA</p> <p>ISSN No.: 1932-2321</p>	<p>Year: 2020 Page Nos.: 42- 50</p>	<p>UGC listed Journal</p>
33	<p>Rakesh Kumar and Bhavneet Singh Soodan</p> <p>Whether the applicant is the main author: Yes</p>	<p>Transient Numerical Analysis of a Queueing Model with Correlated Reneging, Balking and Feedback</p>	<p>Name of the Journal: Reliability (Theory and Applications)</p> <p>Publisher & Location:Gne denko Forum, USA</p> <p>ISSN No.: 1932-2321</p>	<p>Volume: 14 Issue No.: 4 Year: 2019 Page Nos.: 46- 54</p>	<p>Specify: Peer-reviewed, UGC listed Journal</p>
34	<p>Surender Singh & Abdul Haseeb Ganie</p> <p>(Yes)</p>	<p>On some correlation coefficients in Pythagorean fuzzy environment with applications</p>	<p>Name of the Journal:Intern ational Journal of Intelligent Systems</p> <p>Publisher & Location: Wiley Periodicals Inc. , HOBOKEN,U SA,NJ</p>	<p>Volume:35 Issue No.:4 Year:2020 Page Nos.: 682-717</p>	<p>SCI (Expanded)</p> <p>Impact factor: 10.312</p>

			<p>(Online) ISSN No.: 1098-111X DoI: https://doi.org/10.1002/int.22222</p>		
35	<p>Abdul Haseeb Ganie, Surender Singh, & P. K. Bhatia (Yes)</p>	<p>Some new correlation coefficients of picture fuzzy sets with applications</p>	<p>Name of the Journal: Neural Computing and Applications Publisher & Location: Springer London Ltd, LONDON, ENGLAND (Online) ISSN No.: 1433-3058 DoI: https://doi.org/10.1007/s00521-020-04715-y</p>	<p>Volume: To be assigned Issue No.: Year:2020 Page Nos.: 1-17</p>	<p>SCI (Expanded) Impact factor: 4.774</p>
36	<p>Surender Singh. Sonam Sharma & Sumita Lalotra (Yes)</p>	<p>Generalized Correlation Coefficients of Intuitionistic Fuzzy Sets with Application to MAGDM and Clustering Analysis</p>	<p>Name of the Journal: International Journal of Fuzzy Systems Publisher & Location: Springer Heidelberg, HEIDELBERG , GERMANY (Online) ISSN No.: 2199-3211</p>	<p>Volume:22 Issue No.: 5 Year:2020 Page Nos.: 1582-1595</p>	<p>SCI (Expanded) Impact factor: 4.406</p>

			DoI: https://doi.org/10.1007/s40815-020-00866-1		
37	Sumita Lalotra & Surender Singh (Yes)	Knowledge measure of hesitant fuzzy set and its application in multi-attribute decision-making	Name of the Journal: Computational and Applied Mathematics Publisher & Location: Springer Heidelberg, HEIDELBERG, GERMANY (Online) ISSN No.: 1807-0302 DoI: https://doi.org/10.1007/s40314-020-1095-y	Volume: 39 Issue No.: 2 Year: 2020 Page Nos.: Article 86,1-31	SCI (Expanded) Impact factor: 1.36
38	Surender Singh & Sonam Sharma (Yes)	On Generalized Fuzzy Entropy and Fuzzy Divergence Measure with Applications	Name of the Journal: International Journal of Fuzzy System Applications Publisher & Location: IGI Global Publishing, USA (Online) ISSN No.: 2156-1761 DoI:	Volume: 8 Issue No.: 3 Year: 2019 Page Nos.: 47-69	SCOPUS Impact factor: NA

			10.4018/IJFSA. 2019070102		
39	Surender Singh & Sonam Sharma (Yes)	On Generalized Intuitionistic Fuzzy Knowledge Measure and its Application in MADM using Combined Weights	Name of the Journal: International Journal of Recent Technology and Engineering Publisher & Location: Blue Eyes Intelligence Engineering & Sciences Publication, INDIA (Online) ISSN No.: 2277-3878 DoI: 10.35940/ijrte. B2186.078219	Volume: 8 Issue No.: 2 Year: 2019 Page Nos.: 1536-1542	SCOPUS Impact factor: NA
40	Surender Singh & Sonam Sharma (Yes)	Concept of certainty in residual life of a system	Name of the Journal: AIP conference Proceedings Publisher & Location: AIP Publishing, USA (Online) ISSN No.: 1551-7616 DoI: https://doi.org/	Volume: 2142 Issue No.:- Year: 2019 Page Nos.: (170003)1-5	SCOPUS Impact factor: NA

			<u>10.1063/1.5122</u> <u>600</u>		
41	Surender Singh, Sumita Lalotra & Abdul Haseeb Ganie (Yes)	On Some Knowledge Measures of Intuitionistic Fuzzy Sets of Type Two with Application to MCDM	Name of the Journal: Cybernetics and Information Technologies Publisher & Location: Institute of Information and Communicatio n Technologies, Bulgarian Academy of Sciences,Sofia Bulgaria (Online) ISSN No.: 1314-4048 DoI: 10.2478/cait- 2020-000	Volume: 20 Issue No.: 1 Year:2019 Page Nos.: 3-20	SCOPUS Impact factor: NA

7.4 Conferences/Workshops/Seminars/Short term Courses/FDPs/MDPs/Attended or Presented (2019-2020):

S. No.	Title of the Seminar/Conference/Workshop and Dates & Year	Title of the Talk(if presenter) Or For Short-term course& Workshop	Organizing agency	Who presented as Invited lecture/Resource person/Keynote speaker/Pape	National/International (aborad)/International(within the country)/ State/University
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				r presente/Plenary speaker	
1	Geometric and Asymptotic Methods in Group Theory (GAGTA-2019) May 26, 2019 to May 30, 2019	Zero Divisor Graph and its Vertex Connectivity	Faculty of Exact Science, Department of Mathematics, International Bar-iLan University	Participations in discussions and delivered a Talk	International Bar-iLan University, Ramat Gan, Israel
2	Stochastic Processes and Algebraic Structures – From Theory towards Applications (SPAS2019) September 30, 2019 to October 2, 2019	Vertex Connectivity of Line Graph of Zero Divisor Graph	Division of Applied Mathematics, The School of Education, Culture and Communication (UKK) Malarden University	Participated and presented a paper	International Malarden University, Vasteras, Sweden
3	Issues and Challenges in Intelligent Computing Techniques (ICICT), 27-28 September 2019, KIET Gaziabad	A Multi-Gait Dataset for Human Recognition under Occlusion Scenario		Participated and presented a paper	International
4	4th International Conference on Information Systems and Computer Networks (ISCON), 21-22, Nov. 2019 GLA Mathura.	Radial Basis Function Neural Network for the Segmentation of Plant leaf disease		Participated and presented a paper	International
5	4th International Conference on Information Systems and Computer Networks (ISCON), 21-22 Nov. 2019 GLA Mathura.	A Data Repository of Leaf Images: Practice towards Plant Conservation with Plant		Participated and presented a paper	International

		Pathology			
6	International Conference on Communication and Electronics Systems (ICCES), 17-18 July 2019, PPG Institute of Technology, Coimbatore, India.	A deep learning approach for the classification of diseased plant leaf images		Participated and presented a paper	International
7	Virtual online National Conference on Big Data and Intelligent Systems	Big Data and Intelligent Systems	Lakshmi Narain College of Technology, Bhopal, 30 April, 2020	Key Note Speaker	National
8	International Conference on Analysis and its Applications, Organized by Department of Mathematics, Jammu University (J&K), 16-18 December, 2019	Analysis and its Applications, Organized by Department of Mathematics, Jammu University (J&K)	Jammu University	Delivered an Invited Talk: "Object Extraction and Matching from Complex Scene of Images"	International
9	International Conference on Communication and Electronics Systems (ICCES), 17-18 July 2019, PPG Institute of Technology, Coimbatore, India.	Plants Leaf Segmentation using Bacterial Foraging Optimization algorithm		Participated and presented a paper	International
10	International Webinar on Covid-19(23-24 th May 2020)	Webinar on Covid-19	R.R.P.G. College Amethi, (U. P.)	Attended by Dr. Uday Pratap Singh	International
11	International FDP Mathematical Modeling in Multidisciplinary Domain (Online) 03-07 June 2020	FDP Mathematical Modeling in Multidisciplinary Domain (Online)	Anna University, Chennai	Attended by Dr. Uday Pratap Singh	International

12	Completed National Level Quiz on NAAC 10 June 2020	Quiz on NAAC	P.V. P.P. College of Engg. Mumbai		National
13	Short Term Training Programme on “LATEX for Everyone” 18-20 June	Training Programme on “LATEX for Everyone”	Ramrao Adik Institute of Technology, Nerul, Navi Mumbai	Attended by Dr. Uday Pratap Singh	Short Term Training
14	“International Conference on Analysis and Its Applications (ICAA-2019), Dec 16-18, 2019	On Factorization of Some Topological Properties	University of Jammu	Invited Lecture: Dr. A. K. Das	International (within the country)
15	Training Programme for the Experts, 27 th Feb 2020	NA	All India Council for Technical Education (AICTE)	Attended by Dr. A.K. Das	National
16	Training Programme for the Experts, 27 th Feb 2020	NA	All India Council for Technical Education (AICTE)	Attended by Dr. Kuldip Raj	National
17	Workshop on Application of Analysis (WAA-2020) 24 th -28 th February, 2020		Jammu University	Attended	
18	27 th Conference on Computer Networks (CN 2020), June 23-24, 2020, Cyberspace, Poland		Silesian University of Technology, IEEE	Session Chair	International (abroad)
19	11 th International conference on Operations Research for Sustainable Development, February 1-2, 2020 at Janapriya Multiple Campus, Pokhara, Nepal.	Queuing Systems with Customers’ Impatience and Retention	Operational Research Society of Nepal and Janapriya Multiple Campus,	Plenary Speaker and Session Chair	International (abroad)

			Pokhara, Nepal		
20	National Mathematics Research Scholar Meet at Department of Mathematics, University of Jammu, India during 20-22 August, 2019.	Mathematical Modeling of Queuing Systems	Jammu Mathematical Society and University of Jammu	Invited lecture and Session chair	National
21	International conference on Mathematics in Space and Applied Sciences during 29-30 November, 2019 at Department of Mathematics, NSCBM Government Degree College, Hamirpur, H. P., India	Mathematical Models and Applications of Queuing Systems	NSCBM Government Degree College, Hamirpur, H. P., India, NBHM, DRDO	Invited lecture	International (within the country)
22	4 th National Conference on Recent Trends in Mathematical Sciences in association with International Academy of Physical Sciences during 13-14 December, 2019 at School of Mathematics, Shri Mata Vaishno Devi University, Katra, India.	Transient Solutions of Queuing Models	International Academy of Physical Sciences and SMVDU	Invited lecture	National
23	National Workshop on Applications of Analysis, at Department of Mathematics, University of Jammu, India during 24-28 February, 2020.	Transient Analysis of Queuing Models	University of Jammu	Invited lecture	National
24	National level One day Workshop (webinar) organized by department of science and humanities, Hindustan College of Engineering and Technology (Affiliated to Anna University	Queuing with retention of impatient customers	Hindustan College of Engineering and Technology (Affiliated to Anna	Keynote speaker	National

	Chennai) on 12 th June, 2020		University Chennai)		
25	2019 MTMI International Conference on Emerging Issues in Business, Technology and Applied Sciences during 20-22 December 2019	On some novel correlation coefficients in picture fuzzy environment	Amity Institute of Higher Education, Ebene, Mauritius (In association with MTMI Inc., USA)	Paper presenter	International (abroad)

7.5 Conferences/Seminars/Workshops/FDPs/MDPs Organized (2019-2020):

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	4 th National Conference on Recent Trends in Mathematical Sciences (NCRMT-2019) during 13-14 December 2019	Dr. V.K. Bhat	Co-Patron	International Academy of Physical Sciences and SMVDU, Katra	National
2	National Conference on Recent Trends in Mathematical Sciences organized by School of Mathematics held during 13-14 December 2019	Dr. Uday Pratap Singh Dr. Surender Singh Dr. Sandeep Sharma	Convener Coordinator Organizing Secretary	Shri Mata Vaishno Devi University in Association with IAPS	National
3	4 th National Conference on Recent Trends in Mathematical Sciences (NCRMT-2019) during 13-14 December 2019	Dr. A. K Das	Member, Organizing Committee	International Academy of Physical Sciences and SMVDU, Katra	National
4	4 th National Conference on Recent Trends in Mathematical Sciences	Dr. Kuldip Raj	Member, Organizing	International Academy of	National

	(NCRTM-2019) during 13-14 December 2019		Committee and delivered an invited talk on the topic “Multiplication operators on Cesaro Sequence spaces”	Physical Sciences and SMVDU, Katra	
5	4 th National Conference on Recent Trends in Mathematical Sciences in association with International Academy of Physical Sciences during 13-14 December, 2019 at School of Mathematics, Shri Mata Vaishno Devi University, Katra, India.	Dr. Rakesh Kumar	Organizing Committee Member	International Academy of Physical Sciences and SMVDU, Katra	National
6	1 st International Workshop on Digital Content & Smart Multimedia, at Lviv Polytechnic National University, Lviv, Ukraine during December 23 - 25, 2019	Dr. Rakesh Kumar	Program Committee Member	Lviv Polytechnic National University	International (abroad)
7	International conference on Mathematics in Space and Applied Sciences during 29-30 November, 2019 at Department of Mathematics, NSCBM Government Degree College, Hamirpur, H. P., India.	Dr. Rakesh Kumar	Advisory Committee Member	NSCBM Government Degree College, Hamirpur, NBHM (Mumbai), DRDO (New Delhi)	International (within the country)
8	27 th Conference on Computer Networks (CN 2020), June 23-24, 2020, Cyberspace, Poland	Dr. Rakesh Kumar	Program Committee Member	Silesian University of Technology, IEEE	International (abroad)

7.6 Ph.D. Guided 2019-2020:

S.No.	Name of the student	Name of the Supervisor's Mention Main Supervisor: Co-supervisor	Awarded (Title of the thesis/dissertation)	Submitted(Title of the thesis/dissertation)
1	S.S. Chouhan	Dr. Uday Pratap Singh (Co-supervisor)	Plant Leaves Disease Segmentation and Classification using Soft Computing Approaches	Awarded
2	J.P. Singh	Dr. Uday Pratap Singh (Co-supervisor)	Multi-Gait Occlusion Reconstruction and Identification using Hybrid-NN	Awarded
3	Ms. Charu Sharma (15DMT001)	Main Supervisor: Dr. Kuldip Raj	Difference sequence spaces and weighted composition operators	Awarded
4.	Mrs. Renu Anand (14DMT002)	Main Supervisor: Dr. Kuldip Raj	A study of certain sequence spaces and matrix transformations	Awarded
5	Ms. Sapana Sharma (15DMT003)	Main Supervisor: Dr. Rakesh Kumar	A Transient Study of Queues with Impatience and Retention	Awarded
6	Ms. Anu Choudhary (16DMT001)	Main Supervisor: Dr. Kuldip Raj	Some generalized sequence spaces and their related properties	Submitted
7	Ms. Sumita Lalotra (16DMT006)	Main Supervisor: Dr. Surender Singh	A Study of Information Measures and Correlation Measures based on Intuitionistic and Hesitant Fuzzy Sets	Submitted

7.6 Students' Achievement

S.No.	Name of the student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
1.	Ms. Vasundhra Anand	18MMM041	Placement In Infosys Company 2019	SMVDU, Placement Drive 2019

SCHOOL OF PHYSICS

1. **Name of the School:** School of Physics

2. **Faculty Profile:**

S. No	Name of the Faculty Member	Designation	Qualification	Specialization
1	Dr. Ashok Kumar Sharma	Professor	MSc, MPhil, PhD PDF & RA	Space Physics, Astronomy, Seismology and thin films
2	Dr. S.K. Wanchoo	Associate Professor	Ph.D.	Geophysics, Electronics, TEL
3	Dr. Yugal Khajuria	Associate Professor	Ph.D.	Atomic and Molecular Physics
4	Dr. Jitendra Sharma	Assistant Professor	Ph.D.	Materials Science
5	Dr. Kamni	Assistant Professor	Ph.D.	Materials Science/X- ray Crystallography
6	Dr. Vivek Kumar Singh	Assistant Professor	Ph.D.	Laser and Spectroscopy
7	Dr. Ram Prakash	Assistant Professor	Ph.D.	Materials Science
8	Dr. Pankaj Biswas	Assistant Professor	M.Sc., Ph.D. (awarded on 16.03.2019)	Electronics Materials Science
9	Dr. Surender Pratap (Left in Jan.2020)	Assistant Professor	Ph.D (BITS Pilani) (Post Doc - NISER)	Theoretical Condensed Matter Physics
10	Dr. Onkar Nath Verma (till 7.6.2020)	Assistant Professor	M.Sc., Ph.D.	Electronics and Experimental Condensed Matter Physics

3. **Programmes Offered & Enrollment (2019-2020):**

B.Tech.	M.Tech.
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4. **Details of B.Tech. Students (2019-2020):**

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	--	--	--

5. **Details of M.Tech./M.Sc./M.A Students (2019-2020):**

Batch (M. Sc. Physics)	Admitted Students		
	Male	Female	Total
2019 Entry	16	29	45

6. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	2	0	2
Awarded 2019-20	2	1	3
Total Presently under Supervision	2	5	7

7. Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020):

1. 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.	Ionosphere and Its Influencing Phenomena & 30 August, 2019	Ionosphere and Its Influencing Phenomena	School of Physics	Invited lecture	University
2.	States and Phases of Matters & 16 September, 2019	States and Phases of Matters	School of Physics	Invited lecture	University
3.	Kinetics of Phase Transitions & 08 November, 2019	Kinetics of Phase Transitions	School of Physics	Invited lecture	University

8. Degree Awardees Nos. (2019-2020):

B.Tech : Nil

M.Tech : Nil

M.Sc. : 45 (Batch 2017-19)

Ph.D. : 3

Information of Ph.D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.
1	Anshul Uppal	Dr. Yugal Khajuria	14DPH001
2	Sumara Khursheed	Dr. Jitendra Sharma	14DPH005
3	Brijbir Singh Jaswal	Dr. Vivek K. Singh	14DPH003

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

S.No.	Title of the Project	Funding Agency	Sanctioned Amount (Rs)	Duration	Name of Project PI/Co-PI	Status
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1.	Heavy, Toxic, and Trace Elemental Detection in Biological Samples Gallstones and Kidney Stones using EDXRF and PIXE Spectroscopic Techniques	UGC-DAE-CSR Kolkata center, India	(45,000/- + One Research Fellowship)	03 years	Dr. Vivek K. Singh	Continue
2	Synthesis and study of electronic structure of transition metal doped and undoped Eu ₂ O ₃ thin films (PR-82)	DAE CSR, Indore	8,83,360/-	4 years (May, 2015 to March 2019)	PI- Dr. Ram Prakash	Completed

Sl.No	Title of the project	Whether major or minor project	Funding agency	Funding received/ Total grants	Name of Project PI/Co-PI	Duration	Whether outcome/ outputs sent to sponsoring Govt. Agency
1.	Heavy, Toxic, and Trace Elemental Detection in Biological Samples Gallstones and Kidney Stones using EDXRF and PIXE Spectroscopic Techniques	--	UGC-DAE-CSR Kolkata center, India	(45,000/- + One Research Fellowship)	Dr. Vivek K. Singh	03 years	--

9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National

9.3 Research Publications (with full details in below format) for 2019-2020:

Sl. 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	2019 "Facile Synthesis of Nano-Diced SnO ₂ -ZnO Composite by Chemical Route for Gas Sensor Application" Journal of Electronic Materials	K.S. Pakhare, B.M. Sargar, S.S. Potdar, A.K. Sharma, and U.M. Patil		ISSN: 0361-5235 (Print) 1543-186X (Online)

2	"Vein Width Measurement of Groundwater on Earth's Surface Using Semiconductor LASER Light and Proton Precession Magnetometer" Journal of Applied Geophysics (2019)103864	N.P. Dharmadhikari, V.V. Muthekar, C.S. Mahajan, N. Basavaiah, A.G. Kharat, S.I. Barde, A.K. Sharma , M.S. Patil, M. Laxminarayana, 2019		ISSN: 0926-9851
3	"Synthesis, Computational studies of molecular structure and vibrational spectra of 2-amino-4-(4-nitrophenyl)-4H-pyrano-[3,2-h]quinolines," <i>Journal of Applied Spectroscopy</i>	P. Kour, A. Kumar, A. Uppal, Y. Kahjuria, and V.K. Singh		86:666(1-10) (July-August 2019)
3	"Application of WD-XRF and FTIR for human tooth analysis," <i>Spectroscopy</i>	V.K. Singh , S. Sharma, M. Sharma, N. Sharma, J. Sharma, and P.K. Rai		32(12):23-31 (2019)
4	"Studying Gallstones and Kidney Stones with WDXRF," <i>Spectroscopy</i>	V.K. Singh		34(s11):20-24 (2019)
5	"Feasibility of quantitative analysis of Mg and Ca in edible salts using a simple laser-induced breakdown spectroscopy device," <i>Applied Spectroscopy</i>	H. Kim, Y. Jeon, W. Lee, S.H. Nam, S.H. Han, K.S. Ham, V.K. Singh , and Y. Lee		73:1172-1182 (2019)
6	"Structural and spectral studies of MgZnO:Cr ³⁺ nanophosphors prepared by combustion synthesis," <i>Applied Physics A</i>	P. Rajput, P. Biswas, V.K. Singh , and Kamni		125:793 (1-10) (2019)
7	"Investigation of molecular and elemental changes in rice grains infected by false smut disease using FTIR, LIBS and WDXRF spectroscopic techniques," <i>Applied Physics</i>	N. Sharma, Kamni, V.K. Singh , S. Kumar, Y. Lee, P.K. Rai, V.K. Singh		126:122, pp. 1-12 (2020)
8	, "Analysis of stones formed in the human gall bladder and kidney using advanced spectroscopic techniques," <i>Biophysical Reviews</i>	V.K. Singh , B.B.S. Jaswal, J. Sharma, P.K. Rai		12:647-668 (2020)
9	Anomalous magnetic properties of Fe ₃ O ₄ nanostructures on GaAs substrate probed using X-ray magnetic circular dichroism; Journal of Magnetism and Magnetic Materials 282 (2019)	D.M. Phase, G. Panchal, R. Rawat, S. Tiwari, Ram Prakash , D. Jain, R.J. Choudhary) 296-300. (SCI, Impact Factor =2.717) DOI: https://doi.org/10.1016/j.jmmm.2019.03.041

10	Synthesis and effect of Dy ³⁺ doping on vibrational and luminescent properties of Mg ₂ Zn(PO ₄) ₂ ; Journal of Materials Science: Materials in Electronics 31	R. Mahajan, Ram Prakash		3861–3868 (2020). (SCI, Impact Factor = 2.195) DOI https://doi.org/10.1007/s10854-020-02931-9
11	Effect of Sm ³⁺ doping on optical properties of Mg ₂ P ₂ O ₇ and Mg ₃ P ₂ O ₈ phosphors; Materials Chemistry and Physics,	R. Mahajan, Ram Prakash		246, 122826 (2020). (SCI, Impact Factor = 3.408) DOI https://doi.org/10.1016/j.matchemphys.2020.122826
12	“Application of WDXRF and FT-IR for Human Tooth Analysis”, <i>Spectroscopy</i>	Vivek K. Singh, Shikha Sharma, Mahima Sharma, Neha Sharma, Jitendra Sharma, and Pradeep K. Rai		34 , 23–31 (2019)
13	“Phosphor Polymer Nanocomposite: SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ Embedded PMMA for Solid-State Applications”, <i>Materials Today: Proceedings</i>	Sumara Khursheed, Gulzar Ahmad Sheergojri, and Jitendra Sharma		21 , 2096–2104 (2020). https://doi.org/10.1016/j.matpr.2020.01.329
14	Structural and spectral studies of MgZnO:Cr ³⁺ nanophosphors prepared by combustion synthesis. <i>Applied Physics A</i>	Preasha Rajput, Pankaj Biswas, Vivek K. Singh, Kamni		(2019) 125:793
15	The structural and spectral study of LiSrVO ₄ :Tb ³⁺ phosphor for UV-shifted imaging devices. <i>Materials Today: Proceedings</i>	Pankaj Biswas, Vinay Kumar, Kamni		28 (2020) 1018–1023.
16	Synthesis, structural and spectral studies of MgZnO:Mn ²⁺ nanoparticles. AIP Conference Proceedings	Preasha Rajput, Parul Sharma, Arushi Gupta, Sunanda Sharma, Pankaj Biswas, and Kamni		2220, 020020.

For chapters in a book (2019-2020):

Sl. 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

For paper (2019-2020):,

Sl. 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	Onkar Nath Verma, Priyanka A. Jha, Pragati, Pardeep K. Jha and Prabhakar Singh & Yes	Influence of iso-valent 'Sm' double substitution on the ionic conductivity of $\text{La}_{0.9}\text{Sr}_{0.1}\text{Al}_{0.9}\text{Mg}_{0.1}\text{O}_{3-\delta}$ ceramic system.	Journal Name: Journal of Material Chemistry and Physics National/ International Publisher: International (Elsevier) ISSN No: 0254-0584 DoI: https://doi.org/10.1016/j.matchemphys.2019.122345	Vol: 241 Issue No.: Year: 2020 Page No.: 122345	Impact Factor : 2.781

9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented (2019-2020)

Dr. Ashok K. Sharma

Sl. 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 Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1	8 th International Symposium on Fusion of Science and Technology (ISFT-2020) & Jan.6-10, 2020	Prof Ashok Kumar Sharma presented a paper "Electron-ion-neutral temperatures and their ratio comparisons over low latitude F2 region ionosphere"	J C Bose University of Science and Technology YMCA, Faridabad	Paper Presenter	National
2	Prof Ashok Kumar Sharma attended National Workshop on "Advances on Thermoelectric Energy Conversion Devices & Its Applications" 28-29 November 2019	Advances on Thermoelectric Energy Conversion Devices & Its Applications	SMVD university, Katra	Attended	University
3	Prof Ashok Kumar Sharma attended Prospective of	Prospective of Interdisciplinary	Department of Physics, Ch.	Attended	International (abroad)

	Interdisciplinary Research in Science and Technology in the Present Scenario” an international webinar May 15-16,2020	Research in Science and Technology in the Present Scenario	Charan Singh University Meerut, India		
4	Prof Ashok Kumar Sharma attended “International Workshop on Space Science”organized online (Webinar) from 18th to 21 st May,2020	International Workshop on Space Science	Space Education & Research Foundation,Ahmedabad and dept of Physics R K University,Rajkot	Attended	International (within the country)
5	Prof Ashok Kumar Sharma attended Online Short Term Training Pogram on Bio-energy: Technologies and Transitions, from 18-22 May	Training Pogram on Bio-energy: Technologies and Transitions	organized jointly by NIT,Kurukshetra & Govt. Engg. College,Bikaner under TEQIP-III	Attended	National
6	Prof Ashok Kumar Sharma attended Two days National Webinar on “E-content creation and E-learning through MOOCS” on 29th and 30 th May 2020,	E-content creation and E-learning through MOOCS	organized by B. B. K. Knowledge resource Center and Dept of Library and Information Science ,Shivaji univ.,Kolhapur	“Chair a Session”	National

Dr. Vivek K. Singh

Sl. 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	One week Faculty Development Program on “Energy and Power Systems”. & 05–09 August, 2019	Energy and Power Systems	organized by School of Energy Management, SMVD University, Katra, J&K funded by TEQIP-III from	Attended	University
2	2020 Pittsburgh	“Detection and Quantification of Trace Minerals in	(PITTCO-2020)	Paper Presenter	International (abroad)

	Conference & Exposition on Analytical Chemistry and Applied Spectroscopy (PITTCON-2020) at the McCormick Place Convention Center in Chicago, USA during March 1-5, 2020.	<i>Medicinal Plants using LIBS and ICP-OES Techniques</i>			
3	2020 Pittsburgh Conference & Exposition on Analytical Chemistry and Applied Spectroscopy (PITTCON-2020) at the McCormick Place Convention Center in Chicago, USA during March 1-5, 2020.	<i>“Minerals Analysis and Classification of Edible Salts using LIBS Coupled with Multivariate Analysis Methods”</i>	(PITTCON-2020)	Paper Presenter	International (abroad)
4	TEQIP-III sponsored 1 st International Conference on “Advancement of Engineering Sciences (AES-2019) & 28-29, September, 2019.	<i>“X-Ray Photoelectron Spectroscopy of Gallstones”</i>	organized by School of Electronics and Communication Engineering, SMVD University, Katra, J&K	Paper Presenter	International (within the country)
5	TEQIP-III sponsored National Workshop on “3D Printing for New product Development” on 13 September, 2019.	<i>“3D Printing for New product Development”</i>	School of Mechanical Engineering, SMVD University, Katra	Attended	National
6	“Chair a Session” in 4 th National Conference on “Recent Trends in Mathematical Sciences-2019 (NCRIMS-2019)” in Association with International Academy of Physical Sciences (IAPS) & 13-14 th December, 2019.	<i>“Recent Trends in Mathematical Sciences-2019 (NCRIMS-2019)”</i>	School of Mathematics, Shri Mata Vaishno Devi University, Katra, J&K	“Chair a Session”	National
7	one week <i>“Professional</i>	Technical	“TEQIP–III”	Attended FDP	National

	<i>Development Training Programme for Faculty & Administrators of Project Institutions</i> ” of Technical Education Quality Improvement Programme–III “TEQIP–III” under the aegis of the National Project Implementation Unit, Ministry of Human Resource Development, Govt. of India conducted by Indian Institute of Management Visakhapatnam (IIM Visakhapatnam) from 26-30 August, 2019.	Education Quality Improvement Programme–III	under the aegis of the National Project Implementation Unit, Ministry of Human Resource Development, Govt. of India conducted by Indian Institute of Management Visakhapatnam (IIM Visakhapatnam)		
8	One week Faculty Development Program on “Energy and Power Systems”. & 05–09 August, 2019	Energy and Power Systems	School of Energy Management, SMVD University, Katra, J&K funded by TEQIP-III	Attended FDP	University

Dr. Ram Prakash

Sl. 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 Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1	Dr. Ram Prakash Chaired a Technical session in International conference on Advancement in engineering Sciences (AES 2019), 28-29 September 2019.	Advancement in engineering Sciences	School of electronics and Communication Engg. SMVDU	Chaired a Technical Session	International (within the country)
2	Dr. Ram Prakash Chaired a Technical session in 4 th national conference on Recent trends in Mathematical Sciences(NCRTMS 2019), 13-14 December 2019.	Recent trends in Mathematical Sciences(NCRT MS 2019)	School of Mathematics. SMVDU	Chaired a Technical Session	National
3	Dr. Ram Prakash participated and presented a paper entitled “Optimization of	Optimization of Deposition Parameter Of Cr Doped Eu ₂ O ₃	Department of Physics, Govt. Engineering College Bikaner	Paper Presenter	International (within the country)

	Deposition Parameter Of Cr Doped Eu ₂ O ₃ Thin Filmse” in 3rd International conference on Conference on Condensed Matter & Applied Physics (ICC-2019) & 14-15th October, 2019.	Thin Filmse	Rajsthan		
4	Dr. Ram Prakash participated and presented a paper entitled “Structural and Luminescent properties of Europium Activated Orthophosphate Phosphor” in 64th DAE Solid State Physics Symposium (DAE SSPS-2019) during 18-22 December, 2019.	Structural and Luminescent properties of Europium Activated Orthophosphate Phosphor	Department of Physics, IIT Jodhpur, Rajasthan	Paper Presenter	
5	Dr. Ram Prakash participated and presented a paper entitled “Structural and luminescent properties of Dy ³⁺ activated lithium zinc borate” in 3 rd International conference on Materials Science (ICMS-2020) during 4-6 th March, 2020.	Structural and luminescent properties of Dy ³⁺ activated lithium zinc borate	Department of Physics, Tripura University (A Central University), Tripura	Paper Presenter	International (within the country)
6	Dr. Ram Prakash attended a Faculty Development Program under on “Energy and Power system” & 5th -9th August, 2019.	Energy and Power system	SMVDU, Katra (J&K)	Attended	National
7	Dr. Ram Prakash successfully completed Swayam ARPIT Online course Certification on Referesher course on teacher and techning in Higher Educatin, with a “C” grade in proctored examination held on 16 Th Febuary 2020.	Referesher course on teacher and techning in Higher Educatin	Swayam ARPIT Online course Certification	Attended	Online Course
8	Dr. Ram Prakash participated in a National Webinar Series on “Experimental & Computational Tools for Materials Research (ECTMR 2020)” & 1 -8 th June 2020.	Experimental & Computational Tools for Materials Research (ECTMR 2020)	organized by Discipline of Natural Sciences, PDPM Indian Institute of Information Technology, Design & Manufacturing	Attended	National Webinar Series

Jabalpur, and
Department of
Physics, Central
University of
Rajasthan

Dr. Onkar Nath Verma

Sl. 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	I have presented the paper entitled "X-ray photoelectron spectroscopy of gallstones in 1st international conference on advancement of engineering sciences (AES2019) from 28-29th September 2019	X-ray photoelectron spectroscopy of gallstones in 1st international conference on advancement of engineering sciences	SMVD University, Katra.	Paper Presenter	International (within the country)
	I have participated one day workshop (9th November 2019) on Arduino conducted by		IIT Bombay under PMMMMNMTT scheme of MHRD, Govt. of India at SMVD University, Katra	Attended	National
2	I have orally presented the paper Electroding effect on the conductivity of iso-valent doubly doped LaAlO ₃ in 6th international conference ICRTAET 2019 from 17th-18th January 2020	Electroding effect on the conductivity of iso-valent doubly doped LaAlO ₃	SMVD University, Katra	Paper Presenter	International (within the country)
3	I have participated one day workshop (8th February 2020) on Arduino		IIT Bombay under PMMMMNMTT scheme of MHRD, Govt. of India at SMVD University, Katra	Attended	National

Dr. Jitendra Sharma

Sl. 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	Dr. Jitendra Sharma attended "Faculty	Energy & Power Systems	School of Energy Management,	Attended	University

	Development Program on Energy & Power Systems” from 5 th to 9 th August 2019.		SMVDU, Katra		
2	Dr. Jitendra Sharma participated in the “One Day Workshop on Linux”, on 23 th August, 2019	Workshop on Linux	Held at Shri Mata Vaishno Devi University, organized by Teaching Learning Centre, ICT at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India.	Attended	University
3	Dr. Jitendra Sharma participated in a TEQIP-III sponsored “National Workshop on 3D Printing for New Product Development” on 13 th September 2019.	3D Printing for New Product Development	organized by School of Mechanical Engineering, SMVDU, Katra	Attended	University
4	Dr. Jitendra Sharma attended “Faculty Development Program on Energy Simulations” from 4 th to 8 th November 2019.	Energy Simulations	School of Energy Management, SMVDU, Katra	Attended	University
5	Dr. Jitendra Sharma presented a paper on “Rare Earth Ions Doped Phosphor-Polymer Nanocomposites” in 2020 Pittsburgh Conference & Exposition on Analytical Chemistry and Applied Spectroscopy (PITTCO-2020) during 1 st - 5 th March, 2020.	2020 Pittsburgh Conference & Exposition on Analytical Chemistry and Applied Spectroscopy (PITTCO-2020)	Chicago, Illinois, USA	Paper Presenter	National
6	Dr. Jitendra Sharma, Chaired a session in the “6 th International Conference on Recent Trends and Advancements in Engineering and Technology”, during 17 th –	Recent Trends and Advancements in Engineering and Technology	held at SMVDU, Katra	“Chair a Session”	International (within the country)

	18 th January 2020.				
7	Dr. Jitendra Sharma, Chaired the 4 th session of the one-day meeting termed “SPS SOFT MATTER MEETING-2019” on the 13 th November 2019.	SPS SOFT MATTER MEETING-2019	School of Physical Sciences, Jawaharlal Nehru University, New Delhi	“Chair a Session”	
8	Dr. Jitendra Sharma, Chaired a session in the “DYNAMICS DAY – XIII”, on the 16 th November 2019.	DYNAMICS DAY – XIII	IIT Delhi	“Chair a Session”	

Dr. Pankaj Biswas

Sl. 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 Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1	Dr. Pankaj Biswas/ Presented paper titled “ <i>The Structural and Spectral Study of LiSrVO₄:Tb³⁺ Phosphor for UV-shifted Imaging Devices</i> ” in IMMT 2019 on 20-22 Nov. 2019	<i>The Structural and Spectral Study of LiSrVO₄:Tb³⁺ Phosphor for UV-shifted Imaging Devices</i>	organized by Department of Mechanical Engineering, BITS Pilani Dubai-Campus, Dubai, UAE.	Paper Presenter	International (abroad)
2	Dr. Pankaj Biswas/ Attended One Week Workshop on “ <i>Role of Soft Skills in Effective Classroom Management</i> ” from 19-23 Aug., 2019.	<i>Role of Soft Skills in Effective Classroom Management</i>	School of Languages and Literature at SMVDU, Katra, J&K	Attended	University
3	Dr. Pankaj Biswas/ Completed an 8 week MOOC course on “ <i>Theoretical Mechanics</i> ” under SWAYAM-NPTEL during July-Sept., 2019.	Theoretical Mechanics	SWAYAM-NPTEL	Attended	
4	Dr. Pankaj Biswas/ Attended a Pre-Conference Short Course on “ <i>Recent Developments in Non-Local Material and Structural Models</i> ” on 19 Nov. 2019, Dubai, UAE.	Recent Developments in Non-Local Material and Structural Models	conducted by Prof. J. N. Reddy during IMMT 2019, organized by Department of Mechanical Engineering, BITS Pilani Dubai-Campus	Attended	International (abroad)
5	Dr. Pankaj Biswas/ Attended 2 nd international conference on Recent Advances in Materials &	Recent Advances in Materials & Manufacturing Technologies	at BITS Pilani Dubai campus	Attended	International (abroad)

	Manufacturing Technologies (IMMT 2019) during 20-22 Nov. 2019.	(IMMT 2019)			
6	Dr. Pankaj Biswas/ Attended “ <i>One day Workshop on Linux</i> ” under PMMMNMIT on 23 August 2019 at SMVDU remote centre.	<i>One day Workshop on Linux</i>	organized by IIT Bombay	Attended	
7	Dr. Pankaj Biswas/ Attended “ <i>eSim a First Course in the IoT Series for Teachers</i> ” under PMMMNMIT on 21 September 2019 at SMVDU remote centre.	<i>eSim a First Course in the IoT Series for Teachers</i>	organized by IIT Bombay	Attended	
8	Dr. Pankaj Biswas/ Passed the NPTEL Online Certification 12 week course on “ <i>Introduction to Photonics</i> ” during Jan-Apr 2020.	<i>Introduction to Photonics</i>	NPTEL Online Certification	Online	
9	Dr. Pankaj Biswas/ Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on “ <i>Robotics</i> ” from 25-29 May 2020	<i>Robotics</i>	at NIT Jamshedpur	Attended	
10	Dr. Pankaj Biswas/ Attended “ <i>One day Coordinators Workshop on Arduino</i> ” on Jan. 18, 2020.	<i>One day Coordinators Workshop on Arduino</i>	IIT Bombay	Attended	
11	Dr. Pankaj Biswas/ Attended “ <i>One day Coordinators Workshop on R</i> ” under PMMMNMIT on 12 October 2019 at SMVDU remote centre.	<i>One day Coordinators Workshop on R</i>	organized by IIT Bombay	Attended	

9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

Sl. 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	Course Coordinator of “ <i>One Day Workshop on R</i> ” under PMMMNMIT on 9 th Nov. 2019 at SMVDU remote centre.	Dr. Pankaj Biswas	Course Coordinator	organized by IIT Bombay	
2	Course Coordinator of	Dr. Pankaj	Course	organized by IIT	

“One Day Workshop on Arduino” under PMMMNMNMIT on 8 th Feb., 2020 at SMVDU remote centre.	Biswas	Coordinator	Bombay	
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9.6 Ph.D. Guided 2019-2020

Sl./ 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	Anshul Uppal	Dr. Yugal Khajuria	Thesis entitled “Structural Spectroscopic and Thermal Properties of Organic Molecules: Experimental and Theoretical Studies	
2	Ms. Sumara Khursheed	Dr. Jitendra Sharma	Thesis entitled “Synthesis and Characterization of Rare Earth Ions Doped Phosphor-Polymer Nanocomposites: Luminescence and Related Studies”.	
3	Brijbir Singh Jaswal	Dr. Vivek K. Singh	Thesis entitled “Spectroscopic Analysis of Gallstones and Kidney Stones and Related Studies”	

9.7 Students’ Achievement (2019-2020)

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event

**FACULTY OF HUMANITIES
AND SOCIAL SCIENCES**

SCHOOL OF LANGUAGES AND LITERATURE

1. **Name of the School:** Languages & Literature

2. **Faculty Profile:**

S. No	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. Amitabh Vikram Dwivedi	Head	PhD	Linguistics
2.	Dr. Anurag Kumar	Assistant Professor	Ph. D	African American Literature
3.	Dr. Isha Malhotra	Assistant Professor	MA English (Gold Medalist), UGC NET June 2008, PhD	Gender Studies, Cultural Studies

3. **Programmes Offered & Enrollment (2019-2020):**

M.A.	PhD
Masters of Arts in English	

4. **Details of M.A. Students (2019-2020):**

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	3	21	24

5. **Details of M.A. Students (2019-2020):**

Batch	Admitted Students		
	Male	Female	Total
2019 Entry			

6. **Details of Research Scholars:**

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	0	1	1
Awarded 2019-20	1	0	1
Total Presently under Supervision			

7. **Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020):**

Example:

Sl. 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	One day “Matrabhasha Diwas” (International	Poetry recitation and story telling	SMVDU	Mr Prakash Premi Dr Adarsh	National

	Mother Language Day) 24 th Feb. 2020			Mr Jagdeep Dubey Dr R.L.Bhat Dr Virendra Bangroo	
2	Research Day – One Day 22 nd to 23 rd Jan. 2020	Formulating a hypothesis	SMVDU	Dr Quleen Kaur Dr Sudhir Pandey Dr Gopal Parihar	State
3	Two Day National Conference on “Contemporary Trends in Humanities and Social Sciences” 20 th Jan 2020 to 21 st Jan 2020	Trends in humanities and social sciences	SMVDU	Prof Anupama Vohra Dr Anil Kumar Dr Sayantan Mandal Dr Sukanya Mondal Dr Ravinder Singh	National
4	Research Day 26 th Sep. 2019	How to make your research argumentative	SMVDU	Dr Amitabh V. Dwivedi	State
5	One week National Workshop on “Role of Soft Skills in Effective Classroom Management” 19 th Aug 2019 to 23 rd Aug. 2019	Effective Classroom Management Soft Skills Discourse Analysis	TEQIP	Prof Nagendra Kumar Prof Binod Mishra Prof Rajneesh Arora	National

8. Degree Awardees Nos. (2019-2020):

M.A. : 24

Ph.D. : _____1_____

Information of Ph.D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.
1.	Mr. Ravi Parihar	Dr. Amitabh Vikram Dwivedi	14DLN001

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl.No	Title of the project	Whether major or minor project	Funding agency	Funding received/ Total grants	Role performed: Investigator/ Co-investigator/	Date of commencement and date of	Whether outcome/ outputs sent to sponsoring Govt. Agency
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					Project director	completion	
1.	“A Comprehensive Study of Culture, Philosophy, Literature & Languages in Jammu & Kashmir”	Minor	ICSSR	Two research students, namely Ms. Ayushi & Mr. Ravi Parihar (SMVDU) joined as Research Assistant for 3+6=9 months (15,000/- per month)	Dr. Amitabh V Dwivedi (Co-PI)	2018-2020	Soft-copy submitted; Hard copy to be submitted soon.

9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National
NA	NA	NA	NA

9.3 Research Publications (with full details in below format) for 2019-2020:

Example:

For book:

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

For chapters in a book (2019-2020):

Sl. 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
NA	NA	NA	NA	NA	NA

For paper (2019-2020):

Sl. 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)

	Yes/ No				
1.	Dr. Amitabh Vikram Dwivedi	Review of The grammar of knowledge: a cross-linguistic typology, Edited by Alexandra Y. Aikhenvald and R. M. W. Dixon,	Sociolinguistic Studies 1750-8657	https://journals.equinoxpub.com/SS/article/viewFile/38064/36671 pp. 141-44	SCOPUS & Web of Science Core Collection
2.	Ms. Tanima Anand & Dr. Amitabh Vikram Dwivedi (Second author)	A Structural Analysis of Dogri Temporal Markers,	Dialectologia ISSN: 2013-2247	Summer 2019 No. 23 pp. 235-60 http://www.publicacions.ub.edu/revistes/dialectologia23/	Scopus
3.	Ms. Komal Rakwal & Dr. Amitabh Vikram Dwivedi (Second author)	Review: Swarnalatha Rangarajan, Eco criticism: Big Ideas and Practical Strategies	Obnovljeni Život ISSN: 0351-3947	https://hrcaak.srce.hr/file/345184 Vol. 75. No. 1., 2020 pp. 131-133	Scopus
4.	Ms. Komal Rakwal & Dr. Amitabh Vikram Dwivedi (Second author)	Deep Ecological Philosophy in Anuradha Roy's the Folded Earth	International Journal of Advanced Science and Technology ISSN: 2005-4238	http://serisc.org/journals/index.php/IJAST/article/view/5171 Vol. 29, No. 3, (2020), pp. 4162 - 4173	Scopus
5.	Ms. Priyanka Gupta & Dr. Amitabh Vikram Dwivedi (Second author)	Fractured Identities of Women in Partition in Manto's Short Stories 'Cold Meat' and 'Open it!'	Restaurant Business ISSN:0097-8043	https://journals.eduindex.org/index.php/rb/article/view/8889 Vol-118-Issue-10-October-2019 pp.30-37	Scopus
6.	Dr. Amitabh Vikram Dwivedi	Review of <i>Feminist Rethink the Neoliberal State: Inequality, Exclusion and Change</i> by Leela Fernandes	Capital & Class https://doi.org/10.1177/02F0309816819871829b	p. 487 https://journals.sagepub.com/doi/abs/10.1177/0309816819871829b	Scopus
	Parul Priya & Anurag Kumar	Exclusion and Articulation: Transgender Counter-public in the Indian Public Sphere	Journal of Space and Culture, India, 7.4 https://doi.org/10.20896/saci.v7i4.556	Vol. 07 Issue. 04 Year: 2020 Pages: 32-44	Scopus
	Isha Malhotra	Terrorism as a Media Specific Event: Performative Frames of Uri and Pulwama	<i>Media Watch</i> ISSN 0976-0911 E-ISSN 2249-8818 DOI: 10.15655/mw/2020/v11i1/49763	11 (1) 83-96, 2020	Scopus

		Reportage in Indian News Media			
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9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended or Presented (2019-2020)

Example:

Sl. 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 Simply Attended	National/ International (abroad)/ International (within the country)/ State/University
1.	One-week FDP-cum-Workshop on “Personality Development and Communication Skills” 22-28 July 2019	Academic Writing and Academic Language Skills	Government Degree College, Udhampur	Resource Person	State
2.	Workshop on “Researching Indigenous Languages: Methods and Practices” at ICOIL-2 15 February 2020	NA	IIT Madras	Participation	International
3.	ICOIL-2 2 nd International Conference on Indigenous Languages: Towards Sustainable Multilingualism 15 February 2020	The Coordinate Conjunction in Bhadarwahi: The Problem of Selection and Placement	IIT Madras	Invited Talk	International
4.	ICOIL-2 2 nd International Conference on Indigenous Languages: Towards Sustainable Multilingualism 15 February 2020	NA	IIT Madras	Chaired a Session	International
5.	National Conference on Conflict and the Everyday: Narratives from the Personal and Public Realms 21-23 February 2020	Analysing Petty Trivialities and Ordinary Conflicts: Contributions to Separation and Divorce	IIT Jammu	Keynote Talk	National
6.	International Webinar on “Postcolonial Negotiations: History, Literature and Culture” 03-05 June 2020	NA	Department of English, SKB University	Participation	International
7.	Two day Multidisciplinary Online National Conference on	How meaning is constructed in a text?	VVM’s Arts and Commerce College,	Lecture	National

	“The Impact of Globalization on Contemporary Literature, Education, Environment and Society” 26 and 27 May 2020		Akkalkuwa Dist. Nandurbar		
8.	Post-Pandemic Rejuvenation of Higher Education: A Global Perspective 05 June 2020	NA	Baburaoji Gholap College. Maharashtra	Session Chair	National
9.	IQAC 43 rd Webinar 2 nd June 2020	Text, Textuality & Discourse	Government Arts and Commerce College, Bharuch	Invited Talk	National
10.	National Webinar on “Research Methodology” 21st May, 2020.	How to write an abstract	SVD. Government Degree College(W), Nidadavole, West Godavari district, Andhra Pradesh and Khandesh Chapter of English Language Teachers’ Association of India	Expert Talk	National
11.	Two-Day International Web Conference On “The Role of Literature in the Time of Crisis Like Coronavirus Pandemic”	Language and Creativity during the Pandemic: Innovation, Conformity and Incongruence in Language wrt Covid-19	Kisan Shikshan Prasarak Mandal’s Shivaji Mahavidyalaya Udgir, Dist. Latur Maharashtra	Invited Talk	International
12.	Guest Lecture 19 June 2020	Understanding Language-Few Insights from Saussure and Chomsky	Cluster University, Jammu	Guest Lecture	State
13.	Live Webinar Session 18 June 2020 “	Text, Textuality & Discourse	Hindustan College of Engineering & Technology, Anna University, Chennai	Invited Talk	National
14.	Webinar on “marketing, Adaptation and Shakespeare” 29 May 2020	NA	Adamas University	Participation	International
15.	International Virtual Webinar on “Text, Textuality and Discourse” 27 June 2020	Text, Textuality and Discourse	Continuing Proficiency Development Institute	Resource Speaker	International
16.	Seven-day Research Methodology Workshop	NA	Centre for Culture, Media		

			&Governance, Jamia Millia Islamia, New Delhi, Supported by University Grants Commission,Und er Centre with Potential for Excellence in a Particular Area (CPEPA),New Delhi.		
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9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

Sl. 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 Conference on Contemporary Trends in Humanities and Social Sciences	Dr. Anurag Kumar	Convener	SMVDU	National
2.	National Congress on Matrabhasha Divas (International Mother Language Day)	Dr. Anurag Kumar	Convener	SMVDU	National
3.	Two day National Conference on "Contemporary Trends in Humanities and Social Sciences" 20-21 January 2020	Dr. Isha Malhotra	Convenor	SMVDU	National
4.	One day Workshop on "Gender Champions for Gender Sensitization and Equality" 5 March 2020	Dr. Isha Malhotra	Co-Convenor	GSCASH, SMVDU	National

9.6 Ph.D. Guided 2019-2020

Sl. No.	Name of Student	Name of the Supervisor/s Mention	Awarded (Title of the thesis/dissertation)	Submitted (Title of the thesis/dissertation)
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		Main Supervisor: Co-supervisor		
1.	Ravi Parihar	Dr. Amitabh Vikram Dwivedi	A Linguistic Grammar of the Sarazi Language	NA
2.	Ms Subah Gautam	Dr. Anurag Kumar	--	<i>Sita</i> in Select Contemporary Indian Fiction: A Reconstructive Shift from Margin to Centre
3.	Ms Bhushan Sharma	Dr. Anurag Kumar	--	Locating Dalit Feminist Standpoint: Select Dalit Women's Life Narratives as Testimonies

9.7 Students' Achievement (2019-2020)

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event

SCHOOL OF PHILOSOPHY AND CULTURE

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

2. **Faculty Profile:**

S. No.	Name of the Faculty Member	Designation	Qualification	Specialization
1.	Dr. Anil Kumar Tewari	Assistant Professor and Head	Ph.D.	Indian Philosophy, Buddhism
2.	Mr. Sumanta Sarathi Sharma	Assistant Professor	M.A., UGC-JRF, Pursuing PhD	Logic and Greek Philosophy
3.	Dr. Madhu Mangal Chaturvedi	Assistant Professor	Ph.D.	Philosophy of Mind

3. **Programmes Offered & Enrollment (2019-2020):**

B.Tech.	M.Tech.

4. **Details of B.Tech. Students (2019-2020):**

Batch	Admitted Students		
	Male	Female	Total
2019 Entry			

5. **Details of M.Tech./M.Sc./M.A Students (2019-2020):**

Batch	Admitted Students		
	Male	Female	Total
2019 Entry			

6. **Details of Research Scholars:**

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20			
Awarded 2019-20			
Total Presently under Supervision	5	2	7

7. **Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School (2019-2020):**

Example:

Sl. 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.	"Induction program about NSS" 21-09-2019	Social cause, responsibilities and the NSS	IIT Jammu	Sumanta S. Sharma as a Pleanary Speaker	State
2.	Mind and Ethics 01-03 December 2019	On Ethics and Mind: A Philosophical Enquiry	IIT Jammu	Sumanta S. Sharma as a Resource Person	National
3.	Socio-Economic & Political Issues in Contemporary India – An Interdisciplinary Discourse 28-29 February 2020	Human Rights & Fundamental Rights: A Comparative Study	BSSS Bhopal	Sumanta S. Sharma as a Resorce Person	National

8. Degree Awardees Nos. (2019-2020):

B.Tech : _____

M.Tech : _____

M.Sc. : _____

Ph.D. : _____

Information of Ph.D. Degree Awardees (2019-2020):

Sl. No.	Name of the Candidate	Name of Supervisors & Co-supervisors	Entry No.

9. Information About Each Faculty

9.1 Research Projects Initiated, Completed & Ongoing by the Faculty (2019-2020)

Sl.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

9.2 Patents (2019-2020):

Sl. No	Title and description of the Patent (who filed/awarded)	Registration No. and year	International/National

9.3 Research Publications (with full details in below format) for 2019-2020:

Example:

For book:

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

For chapters in a book (2019-2020):

Sl. 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.	Incommensurability and Inapplicability of the Squares of Opposition	The exoteric square of opposition	J.-Y. Beziau and I. Vandoulakis (eds)	Springer International	Forthcoming

For paper (2019-2020):

Sl. 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. Madhu Mangal Chaturvedi 2. A.V.R. Sarma Yes	Does Inner Awareness Always Accompany Outer Awareness During Perception?	<i>Problemos</i> Vilinius University Press eISSN 2424-6158 ISSN 1392-1126 (DOI:https://doi.org/10.15388/Problemos.96.11)	vol. 96, 2019 pp. 134–147.	AHCI (Web of Science) & SCOPUS

9.4 Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/ Attended or Presented (2019-2020)

Example:

Sl. 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

				Simply Attended	
1.	02 Days course on “Ethics and Soft Skill” 10 th October 2019	“Ethical Human Values” and “Ethical Professional Values”	Sher-I-Kashmir Police Academy, Udampur, J&K	Dr. Madhu Mangal Chatruvedi as Resource Person	State
2.	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, 26-08-2019(Monday) to 30-08-2019 (Friday)	“Human Values and Professional Ethics: Well Being, Building Bonds, Collaboration, Empathy and Sensitivity in Police Organization”	Sher-I-Kashmir Police Academy, Udampur, J&K	Dr. Madhu Mangal Chatruvedi as Resource Person	State
3.	National Seminar on Contribution of Jammu and Kashmir to Indian Thought 22 nd – 23 rd October 2019	Mysticism and Skepticism: Abhinavagupta’s Answers to Matilal’s Questions	The Centre for Comparative Religions and Civilizations (CCRC)Central University of Jammu in association with Indian Council of Social Science Research (ICSSR), New Delhi	Dr. Madhu Mangal Chaturvedi as a Paper Presenter	National
4.	14 th Nalanda Dialogue on the theme <i>Causality in Philosophy and Modern Science</i> from 16 th to 19 th January 2020.	The Problem of Mental Causation and Prāṅik Mechanism (With special reference to Abhinavagupta’s Tantrasār)	Department of Philosophy, Nava Nalanda Mahavihar, Bihar	Dr. Madhu Mangal Chaturvedi as an Invited Lecture	International (Within the Country)
5.	Online Refresher Course In Philosophy, 2020		AICTE, B.P.S. Mahila Vishwavidyalaya, Sonipat Haryana (Course-Coordinator)	Successfully Completed	
6.	02 Days course on “Ethics and Soft Skill” 11 th October 2019	“Aptitude and Foundational values in service” (inner governance for effective police service)	Sher-I-Kashmir Police Academy, Udampur, J&K	Sumanta S. Sharma as Resource Person	State
7.	02 Days course on “Ethics and Soft Skill” 11 th October 2019	“Challenges to ethics and moral accountability”	Sher-I-Kashmir Police Academy, Udampur, J&K	Sumanta S. Sharma as Resource Person	State

9.5 Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2019-2020)

Sl. 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

9.6 Ph.D. Guided 2019-2020

Sl./ 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)

9.7 Students' Achievement (2019-2020)

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event

Board of Cultural Activities

Talent Hunt

BCA 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. Udit 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



Katra, October 12; 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 off 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.

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.

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.

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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.

Two Day Clean Vaishno Devi Yatra organized by SMVDU



CLEAN VAISHNO DEVI YATRA MISSION-2
स्वच्छ वैष्णो देवी यात्रा अभियान- 2

10TH EDITION OF SAVE THE TRIKUTA MOUNTAINS

Organized By
INTERNATIONAL VOLUNTEER FOUNDATION
In Collaboration With
SHRI MATA VAISHNO DEVI UNIVERSITY, KAKRYAL

Katra, October 12; 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 off 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.

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. Udit 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 OF SMVD UNIVERSITY

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 students from different hostels had participated in the following games:

- Cricket (Men)
- Volleyball (M/W)
- Basketball (M/W)
- Kabaddi (Men)
- Kho Kho (Men)
- Football (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	Reference	Monday-Friday	9:00 AM - 12:00 Midnight (Dinner Break 8:00 PM - 9:00 PM)
4		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.		IEEE ASPP + POPE	http://ieeexplore.ieee.org/Xplore/home.jsp
2.		EBSCO host (premier starter edition)	http://search.ebscohost.com
3.		Harvard Business Cases	hbsp.harvard.edu
4.	EPW Research Foundation	EPW Reseach Foundation Database	http://www.epwrfits.in/index.aspx
5.		IJBST Journal Group	https://www.ijbst.org
eShodhSinghu			
6.		Economic & Political Weekly	https://www.inflibnet.ac.in/ess/eres.php?memID=29

7.		Institute for Studies in Industrial Development (ISID) Database	https://www.inflibnet.ac.in/ess/eres.php?memID=29
8.		JGate Plus (JCCC)	https://www.inflibnet.ac.in/ess/eres.php?memID=29
9.		JSTOR	https://www.inflibnet.ac.in/ess/eres.php?memID=29
10.		MathSciNet	https://www.inflibnet.ac.in/ess/eres.php?memID=29
11.		Springer Link	https://www.inflibnet.ac.in/ess/eres.php?memID=29
12.	eShodhSindhu Consortium	World e-Book Library	https://www.inflibnet.ac.in/ess/eres.php?memID=29
13.	eShodhSindhu Consortium	South Asia Archive (SAA)	https://www.inflibnet.ac.in/ess/eres.php?memID=29
E-Books			
14.	e-Books Academic Collection Package	EBSCO Academic e-Book Collection	https://search.ebscohost.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
2. 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 & Yashvi Jain	Kamla Nehru College ,Delhi University & National University of Law,Patiala	10,000
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 Platform Built to Support Emerging Workflows	EBSCO Information Services	16 June, 2020
3	Euphoria of Online Education	Alliance University, Bengaluru	03 July, 2020
4	Powering international sales growth during COVID-19	Payoneer	03 July, 2020
Mr. Mool Raj (Library Assistant)			
1	One day workshop for Librarians on implementation Challenges of RFID Technology & Koha ILMS	DAV College Chandigarh	03 August, 2019
2	Webinar Series of eShodhSindhu Web of Science 14-28 May, 2020	eShodhSindhu	14-28 May, 2020
3	Online quiz on Library and Information Science	Library, School of Law Vel Tech Rangrajan R&D Institute of Science and Technology	21 May, 2020
4	Webinar on e-Granthalaya Circulation Module	NIC, Government of India	23 May, 2020
5	Webinar on e-Granthalaya Software Discussion with eg3 users	NIC, Government of India	30 May, 2020
6	Online training session How to publish with Oxford Journals	Oxford University Press	03 June, 2020
7	Online FDP on Skills for Librarianship	LIS Academy & NCSI NET Foundation.	16 May to 21 June, 2020
8	Webinar “ THE PEOPLE THE PRINCIPLES BEHIND THE NATURE-THE WHAT,THE WHY AND THE HOW”	Springer nature in Collaboration with INFLIBNET center	18 June, 2020

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

CENTRAL FACILITIES, CELLS, CENTRES

Publication and Media Cell

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.

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 EPABX 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 ME LA”, 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



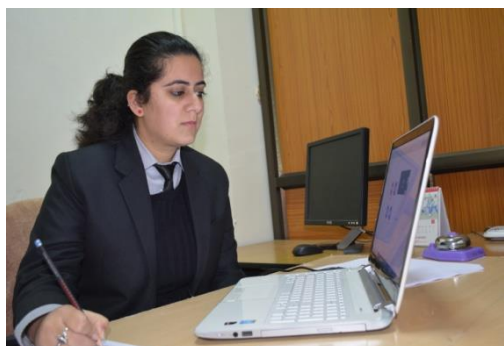
Shri Mata Vaishno Devi University has established a Training & Placement cell consisting of Student Coordinators, Faculty coordinators, T&P Officer and staff members. The Training & Placement Cell assists in Summer Training and Campus Placements for the graduating students at SMVDU. Training & Placement 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 of



**Student Receivng Campus Offer Letter
Berger Paints India Ltd.**



Online Interview- In Process



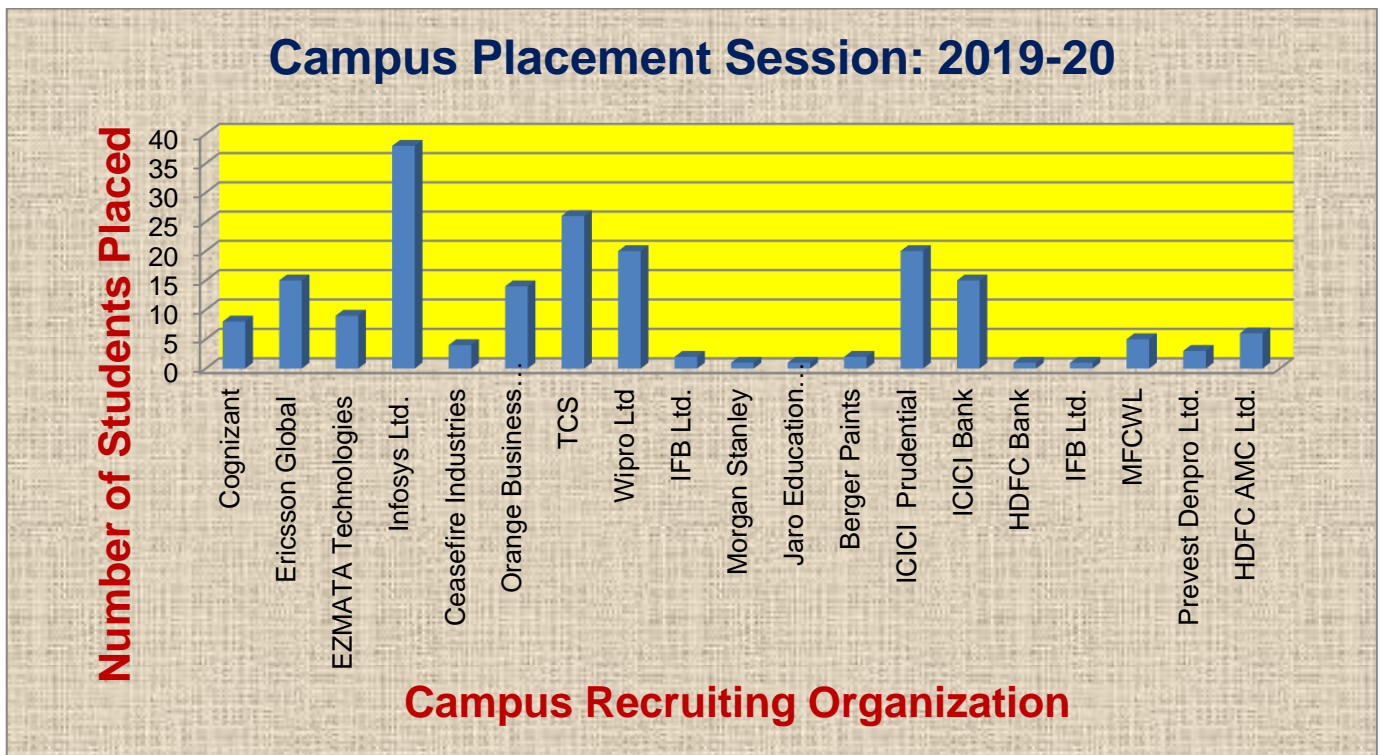
Campus Recruitment Team of IFB Ltd.



Ericsson India Campus Team with HVC 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, Gingivectomy, 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. **All these are done by I/C Medical Officer, Dr. Anju Sharma (MS. ENT)**

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.



Technology Business Incubation Centre

July 2019

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 held on **19th July** 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 on **18 and 19th July**, held in Kottayam Kerala. Professionals involved in promoting innovation, entrepreneurship and research attended the conference and brainstormed on various topics like Incubation Support, Product Development, Idea support etc.

September 2019

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 3 ideas were selected and awarded with rewards and recognitions.

Dec 2019

TBIC conducted TBIC hackathon starting 2nd dec 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. 7 were given college recommendation letter for participate in next rounds of hackathon.

Jan 2020

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

Feb 2020

10 Feb 2020 – SMVDU TBIC joined hands with Startup India as National Incubation Partner for their initiative “WING – Woman Rise Together “

26 Feb 2020 - 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.

14 Feb 2020 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 14 th February 2020.

March 2020

8 March 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.

13 March 2020 – Ist 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

18 March 2020 – Manager TBIC enrolled and shortlisted for Incubator Edge Program by Start-up India.

20 May 2020 – Biorac meet and session by CEO TBIC on emerging trends in Bio,logy sector

29 May 2020 – RISE Session on Covid-19 economic package

June 2020

5th June 2020 – 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.

8th June 2020 – workshop on IP basics in association with BRIC – a BIRAC IKP initiative

10th June 2020 – 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.

10th June 2020 – NIDHI PRAYAS Webinar

12th June 2020 – Workshop on Business Plan and its importance for start-ups with Start-up Buddy conducted and more than 50 students across the region participated.

26th June 2020 – Workshop on the importance of Financial Discipline/Processes & 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 on 14 th February 2020.

March 2020

SHRI MATA VAISHNO DEVI UNIVERSITY
TECHNOLOGY BUSINESS INCUBATION CENTRE

in association with

SCHOOL OF BIOTECHNOLOGY, SMVDU,
JK STARTUPS ASSOCIATION (JKSA) AND SOCIETY OF BIOLOGISTS, J&K

presents

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a hackathon with special focus on various fields of Biology...

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portal to participate opening on **11th March 2020** till **31st March 2020**

For Details or Queries:
Visit: Academic Block, B-C Junction, 2nd Floor, SMVDU Campus, Katra.
Call: 01991285560, 01991285524 Extn: 2920 E-mail: smvdu.tbic@smvdu.ac.in

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Biothon 2020



**SHRI MATA VAISHNO DEVI UNIVERSITY
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presents

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RISE

#VocalForLocal #AtmanirbharBharat



SMVDU-TBIC

Supported by DST
Department of Science & Technology
 Government of India

100 StartUPS J&K

A Shri Mata Vaishno Devi University Technology Business Incubation Centre Initiative
 towards a prosperous Jammu and Kashmir through Entrepreneurship.



June 5th, 2020

Launch By
 Padamshree Prof. K.K. Sibia
 Honorable Vice-Chancellor
 Shri Mata Vaishno Devi University
 Katra, Jammu & Kashmir

collaboration
 INNOVATION
 STARTUP
 development
 excellence

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Launch of 100 startups JK by HVC, SMVDU








SHRI MATA VAISHNO DEVI UNIVERSITY
TECHNOLOGY BUSINESS INCUBATION CENTRE
presents
 an online workshop on **IP BASICS**

Date: 8th June 2020 | Time: 11:00 AM -12:00 PM | To apply visit: www.smvdutbic.org

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Workshop on IP basics in association with BIRAC







SHRI MATA VAISHNO DEVI UNIVERSITY
TECHNOLOGY BUSINESS INCUBATION CENTRE
 Supported by: Department of Science and Technology, Government of India
presents an online workshop on


BUSINESS PLAN & ITS IMPORTANCE FOR STARTUPS





by:- APARAJITA PRASAD
 Vice-President, Startup Buddy

Powered by:

Ecosystem Partner:  JK STARTUPS ASSOCIATION

Date: 12th June 2020 | Time: 11:00 AM - 12:00 PM | To Apply visit: www.smvdutbic.org

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



SHRI MATA VAISHNO DEVI UNIVERSITY TECHNOLOGY BUSINESS INCUBATION CENTRE

presents an online workshop on

IMPORTANCE OF FINANCIAL DISCIPLINE



PROCESSES & RELEVANT COSTING FRAMEWORK



by:- ANKUR GOEL
Founder & CEO, Skwerup.com

Powered by:



Ecosystem Partner:

JKS STARTUPS
ASSOCIATION

Date: 26th June 2020

Time: 2:00 PM - 03:00 PM

To Apply visit: www.smvdutbic.org

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