

16th Issue

ANNUAL REPORT (2019-20)

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**SHRI MATA VAISHNO DEVI UNIVERSITY
KATRA, J&K**



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

Shri Mata Vaishno Devi University

Patron

Prof. (Dr.) Ravindra Kumar Sinha Vice-Chancellor

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**Printed and published on behalf of Shri Mata Vaishno Devi University by the
Media Cell**



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REPORT
(2019-20)

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**LIEUTENANT GOVERNOR
JAMMU & KASHMIR**



**RAJ BHAVAN
SRINAGAR-190001**



Message

I am pleased to learn that Shri Mata Vaishno Devi University is bringing out its 16th Annual Report (2019-20).

Education is the biggest catalyst for change; a change that brings prosperity and peace in the world.

As a Chancellor, I am happy to know that the University has emerged as an institution of excellence in higher education in India and it stands amongst best performing Universities and institutions in India by securing a high rank by the reputed National and International Ranking Agencies.


I hope that the University would continue imparting value based quality education to its students and would incorporate students' feedback in improving the working while maintaining high standards of the University.

I gather that the University has established advanced laboratories, signed several MoU's, published seven patents and filed many more, and has started many integrated courses recently, which is praiseworthy.

I compliment the Vice-Chancellor for prompt implementation of the decisions of the Executive Council which help in the growth of the University.

I congratulate the Vice-Chancellor, members of faculties, students and staff, and all those associated with the compilation of the Annual Report and wish them high success in their future endeavours.

30th September, 2020
Srinagar.


(Manoj Sinha)

Vice Chancellor's Message



Prof. (Dr.) Ravindra Kumar Sinha

FLS (London), FAZ, FZSI, FNIE, FIFSI, FAEB, MNASc.

Vice Chancellor

Padma Shri Awardee

The Order of the Golden Ark Awardee (The Netherlands)

Recipient of the Swarna Jayanti Puruskar (NASI)

Member, Cetacean Specialist Group (IUCN)



I am happy to present the 16th Annual Report (2019-20) of Shri Mata Vaishno Devi University (SMVDU). The report highlights the efforts made by the University in achieving excellence in teaching, research and management.

In the last one year, the university has witnessed a good number of research publications in the Science Citation Index (SCI), SCOPUS and in High Impact Factor journals; also the Citation Index of the faculty members has touched new heights. The university has also raised the effective teaching-learning standards, as evinced from good number of research publications in International reputed journals.

A number of significant Memorandums of Understanding (MoU) were signed with the institutions and Universities of great repute, including collaboration with Division of Applied Mathematics at Malardalen University, Sweden for exchange of faculty members and Research Students. The University secured 78th Rank in the NIRF 2020 of the Ministry of MHRD, Govt. of India, amongst Engineering Institutions, within top 100 institutions in the category of Management, and within top 150 Universities. This University was ranked 71st among 361 universities from 66 countries; and 4th among Indian Higher Education Institutions by the Times Higher Education Impact Rankings, the only global agency that assess universities against the United Nations' Sustainable Development Goals (SDGs). The SDG 7 - affordable and clean energy measures universities' research related to energy, their energy use and

policies, and their commitment to promoting energy efficiency in the wider community. Now, the university proudly stands amidst top IITs, NITs and IIITs as a seat of learning.

The university has implemented the best practices such as, student-centric teaching- learning processes, curriculum upgradation, transformation of traditional classrooms into smart classrooms, and interaction with industry and academia of national and international repute, which has tremendously improved the quality of teaching and research.

The faculty members regularly participate in various academic activities at national and international level. The meritorious students are supported with scholarships and other financial assistance. The research scholars and students brought several laurels to university and recently a student of M. Sc. Biotechnology was adjudged as the All India Winner of the National finals and awarded the First Prize during the National Level Inter-Collegiate Public Speaking Contest on Biotechnology organized by The Association of Biotechnology Led Enterprises (ABLE). The alumni trumpet about the institution and visit their alma-mater frequently.

I congratulate the Publication and Media Cell (PMC) for bringing out the Annual Report of the university, and presenting its achievements effectively.

30th September, 2020

(v)

Prof. (Dr.) Ravindra Kumar Sinha

Annual Report 2019-2020

16th Issue

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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.

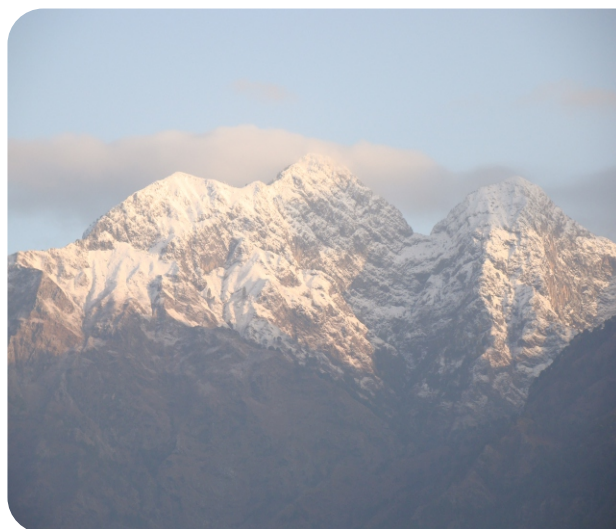
The university was established with a foundation grant, and continuing support from Shri Mata Vaishno Devi Shrine Board, the managing body of Shri Vaishno Devi Mata, one of the supreme shrines of north India. Cradled in the foothills of divine Trikuta hills and spreading over a campus of more than 370 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 with in next few years the pool of diverse and inquisitive students, the devoted faculty, staff and the alumni would work collectively towards building this educational institution as a 'World Class University' in the vibrant Union Territory of Jammu & Kashmir.

The university provides education and knowledge through five academic faculties, fourteen schools of study, six non-academic cells/centers, and eight academic research centers/cells. The university offers the Ph.D. Degree in thirteenth disciplines which are: Management, Architecture, Economics, Mathematics, Physics, Computer Sciences & Engineering, Chemistry/Chemical Biology, Energy Management, Biotechnology, Languages & Literature, Mechanical Engineering, Electronics & Communication Engineering, Civil and Electrical Engineering, and Philosophy; M. Tech. in four disciplines which are: Electronics and Communication, Mechanical Engineering, Computer Sciences & Engineering and Energy Management; Post Graduation in seven disciplines which are: MBA, M.Sc. (Economics) Five years integrated Dual Degree Program, Mathematics, Physics, Biotechnology and Languages & Literature; B.

Shri Mata Vaishno Devi University at a Glance







LG, JKUT Sh. Manoj Sinha
at SMVDU



Sh. Ashwani Kumar Choubey Hon'ble Minister of
State for Health & Family Welfare at SMVDU



Vice-Chancellor, SMVDU, during Independence Day



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 th 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 Auditorium Sanskriti Kaksh Seminar Rooms	Three Helipads. Matrika Auditorium with 1000 seating capacity-state of the art stage, audio & video projection system. A mini auditorium with 400 seating capacity. Four specially designed seminar rooms with 200 seating capacity for special lectures, seminars & other interactive sessions.
7	Non-Academic Cells/Centres	Telecommunication Section	To facilitate the telecommunication needs of the SMVDU, the university had installed latest 4000 V2.0E simplex IP ready Siemens communication server. Through, 576 Analog Extension's (Expandable up to 1392 Extensions), 24 Digital Extensions, 32 trunk lines with CLIP facility on each extension along with 10 JIO numbers with wi-fi (voice and Data) and Toll free number facility for communication needs. Locking/ unlocking, DND, calls Pickup, Call forwarding, Polarity Reversal; add on conference (3-Party), the EPBAX system is providing 24x7 telecommunication services in SMVDU campus. The voice mail is also operational in the system which enables the outsiders to reach any extension without 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, 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 outside 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 has recently installed and integrated state of art, two 04 Channel 3G enabled GSM fixed cellular terminal gateway with our EPABX system for continual communication services to all stockholders of SMVDU.

The Telecommunication Section with two highly trained technical staff provides 24x7, fault free services in SMVDU campus. Beside this, the Section also provides a one roof, one stop solution for communication needs of all members of SMVDU family by Organizing "SIM MELA", a unique interface between all service providers of JK and SMVDU members. The campus is covered under 4 G services from JIO and process for Wi-Fi from the direct fiber is in process

The Telecommunication Section is committed to serve SMVDU, and its members with latest technology and services as per the international standards in future also. The section aims to maintain high standards of QoS.

Network Centre

The centre has IBM, Sun Solaris and Dell based servers running Various applications with latest software versions like MS-Windows and Red Hat Linux EE.

The centre has a backbone connectivity of 1 Gbps through NKN and protected internet network through sophisticated devices offering intrusion

			<p>detection and prevention, gateway level virus scanning, web, application protection and control, firewalling, etc.</p> <p>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.</p> <p>Media Coverage of the events organized in the university.</p>
		<p>Publication & Media Cell</p> <p>Gender Sensitization Committee against Sexual Harassment Cell</p> <p>Hindi Cell</p>	<p>Gender sensitization and orientation crisis management and mediation formal enquiry and readdressing.</p> <p>Promoting Hindi on Campus.</p>
8	Number of Faculties	Five	<p>Faculty of Engineering</p> <p>Faculty of Humanities & Social Sciences</p> <p>Faculty of Management</p> <p>Faculty of Sciences</p> <p>Faculty of Nursing</p>
9	Number of Schools	Fifteen	<p>School of Architecture & Landscape Design</p> <p>School of Biotechnology</p> <p>School of Business</p> <p>School of Economics</p> <p>School of Languages & Literature</p> <p>School of Mathematics</p> <p>School of Mechanical Engineering</p> <p>School of Philosophy & Culture</p> <p>School of Physics</p> <p>School of Computer Science Engineering</p> <p>School of Civil Engineering</p> <p>School of Electrical Engineering</p> <p>School of Energy Management</p> <p>School of Electronics & Communication Engineering</p>
	Affiliated College	One	<p>Shri Mata Vaishno Devi University College of Nursing</p>
10	Total No. of Faculty Members	119	<p>In various Schools.</p>
11	Total No. of Staff Members	184	<p>In various Schools and Sections.</p>
12	Program Offered	Twenty eight	<p>B.Tech., B.Sc (Nursing), M.Tech., M.A., B.A., M.Sc., MBA, Ph.D., M.Sc.(Economics)- Five -Year Integrated.</p>

I3 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) Network Centre Regional Centre of Indira Gandhi National Centre for the Arts	
I4 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
I5 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 11 th 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 Basohli 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 (Basohli & 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	I2(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 Rajya 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.

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|----|----------------|---|
| 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 and 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
(Member) | 4 | Prof. K. K. Aggarwal
Former Pro Vice-Chancellor, GJU
Hisar and Founder Vice-Chancellor GGS
Indraprastha University, Delhi
(Member) |
| 5 | Prof. Talat Ahmad
Vice-Chancellor
University of Kashmir
(Member) | 6 | Prof. A. K. Bakhshi
Vice-Chancellor
PDM University
Bahadurgarh, Haryana
(Member) |
| 7 | Prof. Raghunath K. Shevagaonkar
Vice-Chancellor
Bennett University, Greater Noida
(Member) | 8 | Prof. D. Mukhopadhyay
Dean, Faculty of Management
SMVD University
(Member) |
| 9 | Dr. Yugal Khajuria
Dean of Students Welfare
SMVD University, Greater Noida
(Member) | 10 | Prof. Eswaramoorthy Muthusamy
Dean, Faculty of Engineering
SMVD University
(Member) |
| 11 | Sh. Umang Narula, IAS
Principal Secretary to Governor J&K
(permanent Invitee Ex-Officio) | 12 | Sh. Simrandeep Singh, IAS
Chief Executive Officer
SMVDSB
(permanent Invitee Ex-Officio) |
| 13 | Prof. V. K. Bhat
Registrar
SMVD University
(Secretary of Ex-Officio) | | |

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 SMVD University (Member)	12	Prof. Dr. V. K. Bhat Dean Faculty of Sciences & Registrar Shri Mata Vaishno Devi University (Secretary)
13	Prof. Eswaramoorthy Muthusamy Dean Faculty of Engineering SMVD University (Member)	14	Dr. Shailla Cannie Dean Faculty of Nursing SMVD University (Member)
15	Dr. Yugal Khajuria Dean of Students Welfare SMVD University (Member)	16	Dr. Sumeet Gupta Dean (Academic Affairs) SMVD University (Member)

- 17 Dr. Rakesh Kumar Jha
Dean (Research & Development)
SMVD University
(Member)
- 18 Dr. A. K. Das
Director
Directorate of Quality Assurance
SMVD University
(Member)
- 19 Dr. Swarnkar Sharma
CEO
SMVDU-TBIC
SMVD University
(Member)
- 20 Prof. Rajeev Garg
Head
School of Architecture & Landscape Design
SMVD University
(Member)
- 21 Prof. Ashok Kumar Sharma
Head
School of Physics
SMVD University
(Member)
- 22 Dr. Kumud Ranjan Jha
Head
School of Electronics & Communication
Engineering & Head, School of Electrical
Engineering
SMVD University
(Member)
- 23 Dr. R.K. Mishra
Head
School of Mechanical Engineering
SMVD University
(Member)
- 24 Dr. Manoj Kumar Gupta
Head
School of Computer Science & Engineering
SMVD University
(Member)
- 25 Dr. Saurabh
Head
School of Business
SMVD University
(Member)
- 26 Dr. Uday Pratap Singh
Head
School of Mathematics
SMVD University
(Member)
- 27 Dr. Sharada M. Potukuchi
Head
School of Biotechnology
SMVD University
(Member)
- 28 Dr. Kakali Majumdar
Head
School of Economics
SMVD University
(Member)
- 29 Dr. V.K. Dogra
Head
School of Civil Engineering
SMVD University
(Member)
- 30 Dr. Amitabh Vikram Dwivedi
I/c Head
School of Languages & Literature
SMVD University
(Member)
- 31 Dr. Anil Kumar Tewari
I/c Head
School of Philosophy & Culture
SMVD University
(Member)
- 32 Dr. V.V. Tyagi
I/c Head
School of Energy Management
SMVD University
(Member)
- 33 Dr. Supran K. Sharma
Faculty Incharge
Central Library
SMVD University
(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
(Chairman) | 2 Shri A.K Mehta, I.A.S.
Financial Commissioner,
Finance Department, Government of J&K.
(Member) |
| 3 Sh. Umang Narula, I.A.S.
Financial Commissioner to Hon'ble
Governor, J&K
(Member) | 4 Sh. Shaleen Kabra, I.A.S.
Chief Electoral Officer, J&K
(Member) |
| 5 Shri M.K. Dwivedi, I.A.S.
Commissioner Secretary to Govt.
Industries & Commerce Dept. Govt. of
J&K
(Member) | 6 Shri Simrandeep Singh, I.A.S.
Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board
(Member) [Ex-Officio] |
| 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
(Member) | 10 Sh. Romesh Singh, K.A.S.
Finance Officer, SMVD University
(Secretary) |

Members during the 29th Finance Committee Meeting held on 17.03.2020

- | | |
|---|---|
| 1 Prof. (Dr.) Ravindra Kumar Sinha
Vice-Chancellor, SMVD University
(Chairman) | 2 Sh. A.K Mehta, I.A.S.
Financial Commissioner,
Finance Department, Government of J&K
(Member) |
| 3 Sh. Shaleen Kabra, I.A.S.
Principal Secretary to the Government,
Home Deptt. J&K Govt.
(Member) | 4 Sh. Bipul Pathak, I.A.S.
Principal Secretary to Hon'ble Lt.
Governor,
Union Territory of J&K.
(Permanent Invitee) [Ex-Officio] |
| 5 Sh. M.K. Dwivedi, I.A.S.
Commissioner Secretary to Govt.
Industries & Commerce Dept. Govt. of
J&K
(Member) | 6 Sh. Ramesh Kumar, I.A.S.
Chief Executive Officer,
Shri Mata Vaishno Devi Shrine Board,
Katra
(Member) [Ex-Officio] |
| 7 Sh. 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. Eswaramoorthy Muthusamy
Registrar, SMVD University
(Member)

10 Sh. Neeraj Gupta, K.A.S.
Finance Officer , SMVD University
(Secretary)

The Building & Works Committee

1 Prof. (Dr.) Ravindra Kumar Sinha
Vice-Chancellor, SMVD University
(Chairman)

2 Sh. 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 Sh. 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 PWD undertaking
not below the rank of Superintending
Engineering SE of the area)**

5 Mr. Neeraj Gupta, K.A.S.
Finance Officer, SMVDU
(Nominee of the Chairman)

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
**(Representative of the user
department)
(Secretary)**

11 Mr. Ramesh Kumar, IAS
Chief Executive Officer
Shri Mata Vaishno Devi University Board
(Special Invitee)



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	Specialization
1.	Dr. Manoj Kumar Gupta	Associate Professor & Head of Department	Bioinformatics, Data Mining, Computational Biology, Artificial Intelligence, Machine Learning
2.	Dr. Baij Nath Kaushik	Associate Professor	Machine Learning, Soft Computing, Nature Inspired Algorithms, Parallel Algorithms, Pattern Recognition
3.	Dr. Ajay Kaul	Associate Professor	Ad-hoc Networks, Image Processing
4.	Mr. Manoj Kumar Verma	Assistant Professor	Computer Science & Engg.
5.	Ms. Sonika Gupta	Assistant Professor	Data Mining, Programming and Data Structures
6.	Dr. Sunanda Gupta	Assistant Professor	Algorithm Optimization, Complexity Analysis
7.	Dr. Sakshi Arora	Assistant Professor	Soft computing, Machine Learning, Digital Image Processing
8.	Dr. Naveen Kumar Gondhi	Assistant Professor	Computer Network Management & Expert System, Mobile Adhoc Network.
9.	Ms. Pooja Sharma	Assistant Professor	Adhoc Network, Compiler, Software Engineering.
10.	Mr. Sanjay Sharma	Assistant Professor	Java Technology, Network security, Machine Learning
11.	Mr. Deo Prakash	Assistant Professor	Computer Networks
12.	Mr. Anuj Mahajan	Assistant Professor	Machine Learning
13.	Mr. Sudesh Kumar	Assistant Professor	Computer Networks, Network Security.
14.	Dr. Abhishek Gupta	Assistant Professor	Image Processing and Computer Vision
15.	Mr. Alex Joseph	Assistant Professor	Computer and Information Science
16.	Ms. Monia	Assistant Professor	Information Security, Networking, AI

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

B.Tech.
90

M.Tech.
18

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

Batch	Admitted Students		Total
2019 Entry	Male	Female	
B.Tech.	77	11	88

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

Batch	Admitted Students		Total
2019 Entry	Male	Female	
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 (Jammu)	Mr. Anuj Mahajan	Affiliated College of Jammu University (State level)

5.	Deep Learning and FDP on Machine Learning Applications using Python, 6-10 Januray, 2020	Machine Learning: Applications of Naïve Bayes, decision Tree, Random Forest, Linear and Logistic Regression and Deep Learning	EICT, IIT Roorkee	Dr. Baijnath Kaushik (Resource Person /Invited Speaker for five day session)	National (within the country)/ State/University
6.	Webinar on Emerging research Areas in Computer Science and Engineering, 28 th 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 th 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 : 50

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.	Sparsh Sharma	Dr. Ajay Koul	I4DCS001
2.	Jasvinder Pal Singh	Prof. Sanjeev Jain, Dr. Sakshi Arora, Dr. Uday Pratap Singh	I6DCS001
3.	Siddharth Singh Chouhan	Dr. Ajay Kaul, Dr. Uday Pratap Singh	I6DCS006

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
1.	Automatic Estimation of Slope, Angle, and Elevation of Roads via Artificial Intelligence	Minor	MHRD	5.25 Lakhs	Co-Investigator	18 th June 2019 In Progress
2.	Automatic monitoring of Plants based on Leaf segmentation	Minor	UGC	INR 10 Lakhs	Investigator	07.06.2018 06.06.2020

9.2 Patents (2019-2020):

Sl. No.	Title and description of the Patent (who filed/awarded)	Registration No.	International/National and year
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 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/ Evgeny Khorov Jimson Mathew	International	978-981-15-3851-3 2020
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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	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: Dol: (ISSN or Dol)	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	A Comparative analysis for identification and classification of text segmentation challenges in Takri Script	Sadhana, Indian Academy of Sciences, springer, ISSN: 0256-2499	<u>Vol:45,</u> <u>Issue:146, 146-166, 2020</u>	Science Citation Index Expanded
2.	1. Priyanka Gupta 2. Baijnath Kaushik 3. Sunanda Gupta	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	<u>2020, pp. 256-263</u>	SCOPUS
3.	1. Shikha Magotra 2. Baijnath Kaushik 3. Ajay Kaul	A Database for Printed Takri Class of North-West Indian Regional Scripts	Futuristic Trends in Networks and Computing Technologies, Book Series by Communications in Computer and Information Science, Springer, ISSN: 1865-0929	<u>Year: 2020,</u> <u>pp. 508-520</u>	SCOPUS

- | | | | | | |
|-----|--|--|---|-----------------------------------|---------------------------------|
| 4. | 1. Akshma Chadha
2. Baijnath Kaushik | Suicidal Ideation from the Perspective of Social and Opinion Mining | Book Series by Lecture Notes in Electrical Engineering, Springer, ISSN: 1876-1100 | <u>Year: 2020, pp. 559-570</u> | SCOPUS |
| 5. | 1. Akshma Chadha
2. Baijnath Kaushik | 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 | <u>Year: July, 2020, pp. 1-44</u> | Science Citation Index |
| 7. | 1. Zehra Afzal
2. Manoj Kumar | Security of Vehicular Ad-Hoc Networks (VANET): A survey | Journal of Physics: Conference Series | 1427, 2020, 1-9 | SCOPUS |
| 8. | 1. Aditya Bakshi
2. Sunanda Gupta
3. Akhil Gupta
4. Sudeep Tanwar
5. Kuei-Fang Hsiao | 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 | 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 | 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	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	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	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	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	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	Challenges for Computer Aided Diagnostics using X-Ray and Tomographic Reconstruction Images in craniofacial applications	Name of the Journal: International Journal of Computational Vision and Robotics Publisher & Location: Inderscience, Switzerland ISSN No.: 1752-9131	Volume: 10 Issue No.: 4 Year: 2020 Page Nos.: 360-371	Peer-reviewed UGC listed Journal, SCOPUS Indexed Journal

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 Regression and Deep Learning	EICT, IIT Roorkee	Dr. Baijnath Kaushik (Resource Person for five-day session)	National
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, 28 th 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 th 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 Problem	IEEE and Vaigai College of engineering, Madurai	Dr. Baijnath Kaushik (Presented)	International
8.	Recent Trends in Advancement in Engineering and Research, January, 2020	Session Chair	SMVDU	Dr. Baijnath Kaushik (Session Chair)	International
9.	International Conference on Information and Computer Technology, 2020	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	Block chain 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, 2020	Lecture on Fundamentals of C	G.C.E.T	Dr. Sunanda Gupta (Invited Lecture)	State
14.	Workshop on Advanced Computer Skills for Effective Performance 9 th to 13 th Sep.2019	Conditional Formatting & Data Validation	SMVDU	Dr. Sunanda Gupta (Resource Person)	University
15.	FDP NPTEL Online Certificate	Designing Learner Centric MOOCs	by NPTEL-AICTE	Dr. Sunanda Gupta (Attended)	National
16.	Conference 2 nd Int. Conf. On Smart Systems & Inventive Technology 27-29 Nov 2019,	Light-Fidelity: Next Generation Wireless Networks- A Survey	International Conference on Smart Systems and Inventive Technology (ICSSIT)	Dr. Sunanda Gupta (Attended)	International
17.	One Day Workshop on Arduino 8 February 2020	NA	Teaching Learning Centre, ICT at IIT Bombay	Sudesh Kumar (Attended)	National
18.	One day Coordinators Workshop on Linux on 3 August 2019	-	Teaching Learning Centre, ICT at IIT Bombay	Sudesh Kumar (Attended)	National
19.	Training of Future Skills Technologies: Cyber Security 24th Feb to 6th March 2020	-	IIT Roorkee	Sudesh Kumar (Attended)	National
20.	One week online AICTE ATAL FDP on Cyber Security from 30-04-2020 to 04-05-2020	-	NITTTR, Chandigarh	Sudesh Kumar (Attended)	National

21.	International Conference on Smart Systems and Inventive Technology (ICSSIT 2019) 27-29 November , 2019	Light-Fidelity: Next Generation Wireless Network : A Survey	Francis Xavier Engineering College Tamil Nadu, India.	Sudesh Kumar (Paper Presenter)	International
22.	ICICT 2019, held on Sep 27-28, 2019.	An Improved Approach for Predicting Drug Target Interactions	KIET Ghaziabad	Dr. Manoj Kumar Gupta (Published)	International
23.	ICICT 2019 held on Sep 27-28, 2019	Comparative analysis of resampling techniques under noisy imbalanced datasets	KIET Ghaziabad	Dr. Manoj Kumar Gupta (Published)	International
24.	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
25.	Three-days Workshop on “Adoption of ICT enabled information systems in Agricultural Development” during 17 th -19 th May, 2020	Applications of AI and ML in Agriculture	SKUAST-Kashmir	Dr. Manoj Kumar Gupta (Resource person)	National
26.	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
27.	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
28.	Participated in one week Short-Term Course on “Machine Learning For Engineering Applications “from 9 th to 13 th December 2019.	Short-Term Course	IIT Delhi Campus, New Delhi	Dr. Manoj Kumar Gupta (Attended)	National
29.	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

30.	02 day FDP on Block Chain Technology, September 20 th to 21 st 2019	Block Chain Technology	JNTU Hyderabad in association with TCS (under TEQIP 3)	Anuj Mahajan (Attended)	National
31.	10 day Faculty Training Program on Data Science & Analytics, March 2 to March 12, 2020	Data Science & Analytics	IIT Indore (under TEQIP3)	Anuj Mahajan (Attended)	National
32.	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
33.	02-day 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
34.	Open Source Learning Management System: MOODLE	FDP	AMU and IITB	Dr. Sonika Gupta (Attended)	National
35.	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)
36.	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
37.	Deep Learning and Applications, Dec 09 to Dec 13, 2019	NA	MNIT, Jaipur	Dr. Abhishek Gupta (Attended)	National
38.	Foundation of fuzzy set and fuzzy logic applications, 30 th Sep to 4 th 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
I.	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)
1.	Sparsh Sharma (14DCS001)	Dr. Ajay Koul	Enhancing Security and Utilization of Resources in VANETs and VANET Cloud Environment
2.	Jasvinder Pal Singh (16DCS001)	Prof. Sanjeev Jain, Dr. Sakshi Arora, Dr. Uday Pratap Singh	Multi-Gait Occlusion Reconstruction and Identification using Hybrid-NN
3.	Siddharth Singh Chouhan (16DCS006)	Dr. Ajay Koul, Dr. Uday Pratap Singh	Plant Leaves Disease Segmentation and Classification using Soft Computing approaches

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	Specialization
Dr. Kumud Ranjan Jha	Associate Professor	Antenna Design, Microwave Engineering
Dr. Vipin Kakkar	Associate Professor	Ultra Low Power VLSI, MEMS, Biosensors
Dr. Amit Kant Pandit	Associate Professor	DSP, DIP, Signal and Systems, Microprocessor
Dr. Rakesh Kumar Jha	Associate Professor	Wireless Communication, Network Security issues
Dr. Sumeet Gupta	Associate Professor	Digital System Design, Embedded Systems, Circuit design & simulation
Dr. Manish Sabraj	Associate Professor	SIGNAL PROCESSING
Mr. Shashi Bhushan Kotwal	Assistant Professor	Microprocessor, Wireless Communications & Signal Processing, Sensor Networks
Mr. Ashish Suri	Assistant Professor	Wireless & Mobile Communication, Digital Signal Processing
Mr. Anil Kumar Bhardwaj	Assistant Professor	VLSI Design, Semiconductor devices, RFIC
Mr. Neeraj Tripathi	Assistant Professor	MEMS, NEMS, VLSI, Circuit Designing, VLSI Design, Device Modeling
Mr. Swastik Gupta	Assistant Professor	Data Networks, Embedded Systems, Computer Programming
Dr. Purnima Hazra	Assistant Professor	Semiconductor devices and circuits, Microelectronic and nanoelectronic devices
Dr. Vikram Singh	Assistant Professor	VLSI Design, Digital Design using VERILOG and VHDL
Dr. Sachin Kumar Gupta	Assistant Professor	Wireless Networking, Computer Networks, Data Communications, Systems Theory
Dr. Vijay Kumar Sharma	Assistant Professor	Low Power VLSI Design, Process Variation Aware Design

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

B.Tech.

Electronics & Communication Engineering

M.Tech.

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
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
3.	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

4.	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
5.	Cryptographic Algorithms for Cyber Security 03-02-2020	Cryptographic Algorithms for Cyber Security	JNU	Dr. Karan Singh, JNU	National
6.	Yoga & Personality Development 31-05-2019	Yoga & Personality Development	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
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

2.	Active FSS: Synthesis of Frequency Agile Frequency Selective Surface	Major	DRDO	22.87 lakhs	Principle Investigator	September 2018
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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.	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 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.	Negative bias temperature instability (NBTI) aware low leakage circuit design Dr. Vijay Kumar sharma and Prof. Manisha Pattanaik	VLSI and Post-CMOS Electronics: Vol. I	Rohit Dhiman and Rajeevan Chandel	IET, International	978-183953-0524, 2019
2.	Development of Environmental Biosensors for Detection, Monitoring, and Assessment Authors: Shagun Gupta and Vipan Kakkar	Nanomaterials and Environmental Biotechnology	Indu Bhushan, Vivek Kumar Singh, Durgesh Kumar Tripathi	Springer	ISBN No.: 978-3-030-34543-3 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
2020
4. Nanotechnology Applications and Synthesis of Graphene as Nanomaterial for Nanoelectronics
Nanomaterials and Environmental Biotechnology
Indu Bhushan, 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	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	NA
2.	1. Shams ul Haq, 2. Vijay Kumar Sharma	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.	1. Kajal, 2. V.K. Sharma	A Review on Leakage Current in Low Power Nanoscale VLSI Technology: Challenges and Solution	Journal of Active and Passive Electronic Devices, Old City 1555-029X	Vol. 14, No. 4, pp. 273-286, 2019	Peer reviewed UGC listed Web of Science listed (ESCI)

4.	1. Kajal, 2. V.K. Sharma	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.	1. Umayia Mushtaq, 2. V.K. Sharma	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.	1. V.K. Sharma	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. Indu Bhushan	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.2019.10.3696	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.	1. Anil Kumar Bhardwaj, 2. Sumeet Gupta, 3. Balwinder Raj, 4. Amandeep Singh	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.	1. Gaurav Sharma, 2. Sushma Reddy, 3. Anil Kumar Bhardwaj, 4. Arvind Rehalia, 5. Sumeet	Design of Low Power, High Gain Fully Differential Folded Cascode Operational Amplifier for Front End Read Out Circuits	International Journal of Recent Technology and Engineering Blue Eyes India	Volume: 8 Issue No.:4 Year: 2019 Page Nos.: 1802-1808	SCOPUS Indexed, UGC List Group A
12.	1. Shubham Mahajan, 2. Suvajit Lodh, 3. AK Bhardwaj, 4. 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.	1. Shagun Gupta, 2. Shubham Mahajan, 3. Anil Kumar Bhardwaj, 4. 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.	1. C. Singh, K. R. Jha, 2. S. K. Sharma, 3. Z. A. P. Jibran, 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 (27-04-2020 to 01-05-2020)	FDP	Nitttr Chandigarh	Attended	National
2.	IEEE International Conference On Communication and Electronics Systems 17-19 July, 2019	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 17-19 July, 2019	Design of 6T Finfet SRAM Cell At 7nm	IEEE	Paper Presenter	International Within Country
4.	International Conference On Advanced Computing and Applications 27-29 Nov, 2019	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 11-13 Dec, 2019	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 And Propagation And USNC-URSI Radio Science Meeting 7-12 July 2019	A LTE Band Integrated 5G Antenna Design Using Characteristic Mode Analysis	IEEE	Javid A. Ganie ; Chitra Singh ; Kumud R. Jha ; Satish K. Sharma	International Abroad
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 Application	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	-	Finland Labs, In Association With IIT Roorkee	Attended	National

12.	Artificial Intelligence & Machine Learning Using Python, 25 th -29 th May, 2020	-	Finland Labs, In Association With IIT Roorkee	Attended	National
13.	International E-Conference On Recent Trends in Electronics, Computing And Communication Engineering- Icrtecc 2020 15-16 June, 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 18-Jan, 2020	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 Gandotra (16DEC001)	Dr. Rakesh Kumar Jha	Green Communication in 5G and Beyond 5G wireless Communication Networks	-
2.	Garima Chopra (16DEC002)	Dr. Rakesh Kumar Jha	Development of Algorithm to Overcome Security Threats in 5G Wireless Communication for Ultra Dense Network	-
3.	Chitra Singh (15DEC001)	Dr. Kumud Ranjan Jha	Frequency Selective Surface: Analysis and Design	-
4.	Neeraj Tripathi (11PHDEEC07)	Dr. Vipin Kakkar	-	Modeling and Optimization of Microelectrode for Deep Brain Stimulation
5.	Vikram Kumar (13PHDEEC02)	Dr. Vipin Kakkar	-	Modeling and Optimization of Bidirectional DC-DC Converter for High Frequency Isolation of Power Conversion Systems
6.	Kajal (18DEC002)	Dr. Vijay Kumar Sharma	-	-
7.	Amina Khan (17DEC001)	Dr. Sumeet Gupta	-	-
8.	Shagun Gupta (17DEC002)	Dr. Vipin Kakkar	-	-

9.	Misbah Shafi (18DEC001)	Dr. Rakesh Kumar Jha	-	-
10.	Anutusha Dogra (18DEC006)	Dr. Rakesh Kumar Jha	-	-
11.	Yogesh Singh (18DEC005)	Dr. Purnima Hazra	-	-
12.	Himani Sharma (18DEC004)	Dr. Rakesh Kumar Jha	-	-
13.	Haneet Kour (18DEC003)	Dr. Rakesh Kumar Jha	-	-
14.	Shubham Mahajan (19DEC001)	Dr.Amit Kant Pandit	-	-
15.	Akshita Gupta (19DEC002)	Dr.Sachin Kumar Gupta	-	-
16.	Mantisha Gupta (19DEC003)	Dr. Rakesh Kumar Jha	-	-
17.	Ashish Suri (19DEC004)	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
I.	Sukriti Gupta Shriya Jamwal	I7BEC054, I7BEC057	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:

Sl. No.	Name of the Faculty Member	Designation	Specialization
1.	Dr. Vineet V. Tyagi	Assistant Professor & Head of School	Solar Thermal Energy Storage, Phase Change Materials, Solar Collectors, Solar Desalination, Energy & Exergy Analysis, Energy Policy
2.	Dr. Sanjeev Anand	Assistant Professor	Industrial Energy Management, Exergy Analysis, Energy Efficiency in Buildings
3.	Mr. Amit Verma	Assistant Professor (Contractual)	Solar Photovoltaic design & Solar Thermal, Electrical Machine
4.	Mrs. Shaivya Manhas	Assistant Professor (Contractual)	Solar Desalination

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

B.Tech.

Nil

M.Tech.

Energy Systems

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

Batch	Admitted Students		
2019 Entry	Male	Female	Total
	06	06	12

5. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	01	0	01
Awarded 2019-20	0	0	0
Total Presently under Supervision	06	0	06

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

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

M.Tech : 11

8.1 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
I.	Phycoremediation : Algae as Eco-friendly Tools for the Removal of Heavy Metals from	Bioremediation of Industrial Waste for Environmental	Ranbir Chander Sobti, Naveen Kumar Arora	ISBN No. 978-981-13-3426-9 2019	2019

	Wastewaters, Shamshad Ahmad, Arya Pandey, Vinayak Vandan Pathak, V. V. Tyagi	Safety, Springer	and Richa Kothari		
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 Bharagava 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 Bharagava 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	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)
I.	1. G Singh, 2. P. J Singh, 3. V. V. Tyagi, 4. 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.	1. Har Mohan Singh, 2. Richa Kothari, 3. Rakesh Gupta, 4. V. V. Tyagi	Bio-fixation of flue gas from thermal power plants with algal biomass: Overview and research perspectives	Journal of Environmental Management ISSN:- 0301-4797 Dol: https://doi.org/10.1016/j.jenvman.2019.01.043	Volume: 245 Year: 2019 Page Nos. 519-539	Impact Factor: 5.647
3.	1. G Singh, 2. P.J. Singh, 3. V. V. Tyagi, 4. P Barnwal, 5. A. K. Pandey	Exergy and exergoeconomic analysis of cream pasteurisation plant	Journal of Thermal Analysis and Calorimetry ISSN:- 1588-2926 Dol: https://doi.org/10.1007/s10973-019-08016-y	Year: 2019 Page Nos.: 1381-1400	Impact Factor: 2.731
4.	1. G Singh, 2. P.J. Singh, 3. V. V. Tyagi, 4. P Barnwal, 5. 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	Year: 2019 Page Nos. 1365-1382	Impact Factor: 2.731
5.	1. S. K Tyagi, 2. R Kothari, 3. V. V. Tyagi	Recent advances in biofuels in India	Biofuels Dol: https://www.tandfonline.com/doi/full/10.1080/17597269.2018.1532732	Year : 2019 Page Nos. 1-2	Impact Factor: 1.496
6.	1. A. Pandey, 2. V. V. Pathak, 3. R. Kothari, 4. P N Black, 5. V. V. Tyagi	Experimental studies on zeta potential of flocculants for harvesting of algae	Journal of Environmental Management ISSN:- 0301-4797 Dol: 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.	1. M George, 2. AK Pandey, 3. N A Rahim, 4. V. V. Tyagi, 5. S Shahabuddin, 6. 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 Dol: https://doi.org/10.1016/j.enconman.2019.02.052	Volume: 186 Year: 2019 Page Nos. 15-41	Impact Factor: 8.208

8.	1. M S Hossain, 2. A. K. Pandey, 3. J. Selvaraj, 4. N A Rahim, 5. M M Islam, 6. 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 Dol: 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.	1. S.K Sinha, 2. K. A. Subramanian, 3. H. M. Singh, 4. V. V. Tyagi, 5. A Mishra	Progressive Trends in Bio- Fuel Policies in India: Targets and Implementati on Strategy	Biofuels Dol: https://doi.org/10.1080/17597269.2018.1522483	Volume: 10 Issue No. 01 Year: 2019 Page Nos. 155-166	Impact Factor: 1.496
10.	1. HM Singh, 2. AK Pathak, 3. K Chopra, 4. V.V Tyagi, 5. S Anand	Microbial fuel cells: a sustainable solution for bioelectricity generation and wastewater treatment	Biofuels Dol: https://doi.org/10.1080/17597269.2017.1413860	Volume: 10 Issue No.: 01 Year: 2019 Page Nos. 11-31	Impact Factor: 1.496
11.	1. K. Chopra, 2. Atin K. Pathak, 3. V.V. Tyagi, 4. A.K. Pandey, 5. Sanjeev Anand, 6. Ahmet Sari	Thermal performance of phase change material integrated heat pipe evacuated tube solar collector system: An experimental assessment	Energy Conversion and Management ISSN:- 0196-8904 Dol: https://doi.org/10.1016/j.enconman.2019.112205	Volume: 203 Year: 2019 Page Nos.: 112205	Impact Factor: 8.208
12.	1. Rifat Azam, 2. Richa Kothari, 3. Har Mohan Singh, 4. Shamshad Ahmad, 5. V. Ashok Kumar, 6. V.V. Tyagi,	Production of algal biomass for its biochemical profile using slaughter house wastewater for treatment under axenic conditions	Bioresource Technology ISSN:- 0960-8524 Dol: 10.1016/j.biortech.2020.123116	Year: 2019	Impact Factor: 7.539

13.	1. K. Chopra, 2. V. V. Tyagi, 3. Ravi Kumar Sharma, 4. Ahmet Sari, 5. A.K. Pandey	PCM integrated glass in glass tube solar collector for low and medium temperature applications: Thermo- dynamic & techno- economic approach	Energy ISSN:- 0360-5442 Dol: https://doi.org/10.1016/j.energy.2020.117238	Volume: 198 Year: 2019 Page Nos.: 117238	Impact Factor: 6.082
14.	1. Umar Maqbool, 2. Arjun Tyagi, 3. V. V. Tyagi, 4. 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 Dol: https://doi.org/10.1007/s10098-019-01801-1	Year: 2019 Page Nos. : 579–590	Impact Factor: 2.429
15.	1. G Singh, 2. V. V. Tyagi, 3. P J Singh, 4. AK Pandey	Estimation of thermo- dynamic characteristics for comprehensive dairy food processing plant: An energetic and exergetic approach	Energy ISSN:- 0360-5442 Dol: https://doi.org/10.1016/j.energy.2019.116799	Volume: 194 Year: 2020 Page Nos. : 116799	Impact Factor: 6.082
16.	1. K. Chopra, 2. V. V. Tyagi, 3. A.K. Pandey	Thermodyna mic and techno- economic analysis of heat pipe ETC water heating system for Indian composite climate	Journal of Thermal Analysis and Calorimetry ISSN:- 1588-2926 Dol: https://doi.org/10.1007/s10973-019-08487-z	Volume: Issue No.: Year: 2020 Page Nos. 1395–1407	Impact Factor: 2.731
17.	1. Atin K. Pathak, 2. V. V. Tyagi,	Integrated approach for textile	International Journal of Hydrogen Energy	Year: 2020	Impact Factor: 4.939

	3. Sanjeev Anand, 4. Richa Kothari	industry wastewater for efficient hydrogen production and treatment through solar PV electrolysis	ISSN:- 0360-3199 Dol: https://doi.org/10.1016/j.ijhydene.2020.03.079		
18.	1. K. Chopra, 2. Atin K. Pathak, 3. V. V. Tyagi, 4. A.K. Pandey, 5. 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 Dol: https://doi.org/10.1016/j.enconman.2019.111896	Volume: 198 Year: 2020 Page Nos. 111896	Impact Factor: 8.208
19.	1. V. V. Tyagi, 2. Atin Pathak, 3. Sanjeev Anand, 4. Richa Kothari, 5. Adarsh Pandey and Saidur Rahman	Thermal performance study of the Single slope evacuated tube integrated desalination system	International Journal of Advanced Science and Technology ISSN:- 2207-6360 Dol:	Year: 2020 Page Nos. 213 - 228	SCOPUS Index
20.	1. M.S. Hossain, 2. A.K. Pandey, 3. Nasrudin Abd Rahim, 4. Jeyraj Selvaraj, 5. V. V. Tyagi, 6. M.M. Islam	Self-cleaning assisted photovoltaic system with thermal energy storage: Design and performance evaluation	Solar Energy ISSN:- 0038-092X Dol: 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.	1. Mathew George, 2. A.K. Pandey, 3. Nasrudin Abd Rahim, 4. V. V. Tyagi 5. Syed Shahabud Din, 6. 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 Dol:- https://doi.org/10.1016/j.est.2020.101568	Volume: 31 Issue No. Year: 2020 Page Nos. : 101568	Impact Factor: 3.762

22.	1. Shamshad Ahmad, 2. Richa Kothari, 3. R. Shankarayan, 4. 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.	1. Shamshad Ahmad, 2. Richa Kothari, 3. Deepak Pathania, 4. 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 Dol:- https://link.springer.com/article/10.1007%2Fs13399-019-00443-z	Volume: 10 Year: 2020 Page Nos. 495-512	Impact Factor: 2.602
24.	1. Richa Kothari, 2. Shamshad Ahmad, 3. Vinayak V. Pathak, 4. Arya Pandey, 5. Ashwani Kumar, 6. Raju Shankarayan 7. Paul N. Black, 8. V. V. Tyagi	Algal-based biofuel generation through flue gas and wastewater utilization: a sustainable prospective approach	Biomass Conversion and Biorefinery ISSN:- 2190-6823 Dol:- https://doi.org/10.1007/s13399-019-00533-y	Volume: 216 Year: 2020 Page Nos. 1-24	Impact Factor: 2.602
25.	1. Aditya Chauhan, 2. V. V. Tyagi, 3. Sanjeev Anand	Minimum entropy generation and its validation against Hottel Whillier model for PV/T and FPC collectors	Solar Energy ISSN:- 0038-092X Dol: https://doi.org/10.1016/j.solener.2019.05.063	Volume: 188 Year: 2019 Page Nos. 143-157	Impact Factor: 4.674

26.	1. S. Thappa, 2. Aditya Chauhan, 3. A Sawhney, 4. Y. Anand, 5. 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 Dol: https://doi.org/10.1007/s10098-020-01820-3	Year:2020 Page Nos. 557-577	Impact Factor: 2.429
27.	1. Sanjeev Anand, 2.Yatheshth Anand 3. Shubham Kumar Verma	Analysis for determining the impact of air quality and thermal comfort in an enclosed cavity	ISSN: 2214-7853 Dol: https://www.sciencedirect.com/science/article/pii/S2214785320328741	Materials Today: Proceedings	Impact Factor: Scopus Index
28.	1. Sahil Thappa, 2. Aditya Chauhan, 3.Yatheshth Anand 4. 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 Dol: https://www.sciencedirect.com/science/article/pii/S2214785320328777	Materials Today: Proceedings	ImpactFactor: SCOPUS Index

8.2 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.	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

8.3 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 (5 th to 9 th , 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 (04 th to 08 th November 2019)	School of Energy Management	Dr. Vineet V.Tyagi: Cooridnator Dr. Yatheshth Anand: Cooridnator Dr. Sanjeev Anand: Organizing Secretary	TEQIP-III	National

8.4 Ph.D. Guided (2019-2020) :

Sl. No.	Name of Student	Name of the Supervisor/s Mention Main Supervisor: Co-supervisor	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"

8.5 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	I5DEM00I	Paper Presentation in International Conference	M.M.M. University of Technology, Gorakhpur, U.P.
2.	Sahil Thappa	I7DEM00I	Paper Presentation in International Conference	Manipal University, Jaipur, Rajasthan
3.	Shubham Kumar Verma	I8DEM00I	Paper Presentation in International Conference	Manipal University, Jaipur, Rajasthan
4.	Shubham Kumar Verma	I8DEM00I	Paper Presentation in International Conference	I.I.T. Roorkee, Uttarakhand
5.	Har Mohan Singh	I6DEM00I	Paper Presentation in International Conference	SMVDU, Katra
6.	Har Mohan Singh	I6DEM00I	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	Specialization
1	R.K. Mishra (Head, SOME)	Associate Prof.	Computational Mechanics & Materials
2	Eswaramoorthy Mughusamy	Professor	Solar Thermal Energy
3	Balbir Singh	Associate Prof.	Production
4	Ankush Anand	Associate Prof.	Design & Sustainability
5	Yatheshth Anand	Assistant Prof.	CAD/CAM Energy
6	Sanjay Mohan Sharma	Assistant Prof.	Industrial & Design
7	Varun Dutta	Assistant Prof.	Design
8	Sanjay Sharma	Assistant Prof.	Thermal Engg.
9	Mir Irfan Ul Haq	Assistant Prof.	Design
10	Kapil Chopra	Assistant Prof.	Thermal Engineering
11	Amit Kumar Sinha	Assistant Prof.	Systems Engg.
12	Ankush Raina	Assistant Prof.	Mechanical Systems Design
13	Rajiv Kumar	Assistant Prof.	Industrial & Production

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

Batch	Admitted Students		
2019 Entry	Male	Female	Total
	49	1	50

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

Batch	Admitted Students		
2019 Entry	Male	Female	Total
M.Tech (Mech. Engg.)	9	0	9

5. Details of Research Scholars :

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	1	0	1
Awarded 2019-20 (Could be awarded)	04	0	

6. Extension Lectures Delivered by Outside 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	SMVDU
2.	Engineers Day Celebration on 15th Sep 2019	Engineering for Change	SoME, SMVDU	Dr, Balbir Singh, Associate Professor	University
3.	4 th Austria-India-Symposium on Materials Engineering and Tribology (EcoTrib 2019). 20-21 Nov. 2019	Sustainability Mode-lling of Tribo materials using a holistic frame-work	The Austrian Tribology Society Member of International Tribology Council (ITC)	Invited Talk (Dr. Ankush Anand)	International (Austria-Vienna)
4.	STC at IIT, Jammu 21-25 Oct. 2019	Sustainability based Material Selection for 3D Printing Applications at IIT, Jammu	AICTE Sponsored STC at IIT Jammu	Invited Talk (Dr. Ankush Anand)	National

7. Degree Awardees Nos. (2019-2020):**B.Tech : 41****M.Tech : 15****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	I5DME 001
2.	Mir Irfan-ul-Haq	Dr. Ankush Anand	I5DME 002
3.	Amit Kumar Sinha	Dr. Ankush Anand	I5DME 003
4.	Rajiv Kumar	Dr. Ankush Anand	I5DME 004

8.1 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 Rajesh Kumar & Balbir Singh	Strategic System Assurance and Business Analytics	P.K Kapur Ompal Singh Sunil Kumar Khatri Ajit kumar Verma	Springer Nature Singapore	https://doi.org/10.1007/978-981-15-3647-2-13 . 2020
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	ISBN: 978-93-89988-70-3 2021

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

Sl. No.	Name of Faculty	Title of the paper with page No.	Name of the Journal with Impact Factor & ISSN	Link of the paper	Remarks
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.science-direct.com/science/article/pii/S2214785319317511	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	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	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.science-direct.com/science/article/pii/S2214785319325544	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.iieta.org/Journals/ACSM	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	SCIE
7.	Dr. Ankush Anand	A holistic framework for lot sizing problem in fast-moving perishable products (Online Available)	ScientiaIranica IF: 0.5 ISSN: 1026-3098	http://scientiairanica.sharif.edu/article_21204.html	SCIE
8.	Dr. Ankush Anand	Tribological behaviour of Fe–C–Ni self-lubricating composites with WS ₂ 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%E2%80%93C%E2%80%93Ni+self-lubricating+composites+with+WS2+solid+lubricant	SCIE
9.	Dr. Ankush Anand	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	SCOPUS
10.	Dr. Ankush Anand	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	SCOPUS
11.	Dr. Ankush Anand	Friction and Wear Behaviour of AA2024/ZrO ₂	Lecture Notes in Mechanical Engineering SCOPUS	https://link.springer.com/chapter/10.1007/978-981-15-1071-7_49	SCOPUS

		Composites: Effect of Graphite, 597-601	ISSN: 21954364		
12.	Dr. Ankush Anand	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	SCOPUS
13.	Dr. Ankush Anand	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	SCOPUS
14.	Dr. Sanjay Mohan	Tribological behaviour of Fe-C-Ni self-lubricating composites with WS ₂ 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%E2%80%93C%E2%80%93Ni+self-lubricating+composites+with+WS2+solid+lubricant	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	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	SCOPUS

17.	Dr. Sanjay Mohan	Evaluation of mechanical properties of ramie/banana reinforced hybrid composites	Journal of Mechanical Engineering SCOPUS ISSN: 18235514	https://jmeche.uitm.edu.my/wp-content/uploads/2019/12/8%20ICAME%202019%20ID60.pdf	SCOPUS
18.	Dr. Sanjay Mohan	Friction and Wear Behaviour of AA2024/ZrO ₂ 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	SCOPUS
19.	Dr. Sanjay Sharma	Dynamic and stability performance improvement of the hydrodynamic bearing by using triangular-shaped textures pp. 1-16, Dec. 2019.	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology,	https://doi.org/10.1177/1350650119891513	SCIE
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	SCIE
21.	Dr. Sanjay Sharma	The effect of V-shape protruded and dimple textured on the load-carrying capacity and coefficient of	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology,	Accepted (24 May 2020)	SCIE

		friction of hydrodynamic journal bearing: A comparative numerical study. May, 2020			
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	SCOPUS
23.	Dr. Yatheshth Anand	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	NA
24.	Dr. Yatheshth Anand	Analysis for determining the impact of air quality and thermal comfort in an enclosed cavity	Materials Today: Proceedings ISSN: 2214-7853	https://www.science-direct.com/science/article/pii/S2214785320328741	SCOPUS
25.	Dr. Yatheshth Anand	Analytical comparison of two distinct receiver tubes of a	Materials Today: Proceedings ISSN: 2214-7853	https://www.science-direct.com/science/article/pii/S2214785320328777	SCOPUS

		parabolic trough solar collector system for thermal application			
26.	Dr. Mir Irfan UI Haq	Effect of surface texturing on friction behaviour of 3D printed polylactic acid (PLA)	Polymer Testing (Impact Factor of 2.94 and ISSN 0142-9418)	https://doi.org/10.1016/j.polymertesting.2020.106434	SCIE
27.	Dr. Mir Irfan UI Haq	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	SCIE
28.	Dr. Mir Irfan UI Haq	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/10.1080/07/s12633-019-00237-y	SCIE
29.	Dr. Mir Irfan UI Haq	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	SCIE
30.	Dr. Mir Irfan UI Haq	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	SCOPUS
31.	Dr. Mir Irfan UI Haq	Effect of Fused Deposition Modelling	World Journal of Engineering (ISSN 1708-5284)	https://doi.org/10.1108/WJE-09-2018-0329	SCOPUS

			Process Parameters on Mechanical Properties of 3D Printed Parts		
32.	Dr. Mir Irfan Ul Haq	Towards Sustainable Automobiles-Advancements and Challenges	Progress in Industrial Ecology, An Int. Journal(ISSN 1478-8764)	https://doi.org/10.1504/PIE.2019.102840	SCOPUS
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	SCOPUS
34.	Dr. Rajiv Kumar	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	SCOPUS
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	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	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	SCI
38.	Dr. Ankush Raina	Performance evaluation of hazelnut oil with copper nanoparticles - a new entrant for sustainable lubrication	Industrial Lubrication and Tribology I.030 ISSN: 0036-8792	https://www.emerald.com/insight/content/doi/10.1108/ILT-07-2018-0257/full/html	SCIE
39.	Dr. Ankush Raina	Tribological behaviour of Fe-C-Ni self-lubricating composites with WS2 solid lubricant	Materials Research Express ISSN: 2053-1591 1.44	https://iopscience.iop.org/article/10.1088/2053-1591/ab52d2/meta	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	SCOPUS
41.	Dr. Ankush Raina	Effect of fused deposition modelling process parameters on mechanical properties of 3D printed parts	World Journal of Engineering ISSN: 1708-5284	https://www.emerald.com/insight/content/doi/10.1108/WJE-09-2018-0329/full/html	SCOPUS
42.	Amit Kumar Sinha	Divergent Linkage Reconfigurable Mould For Rapid Prototyping. 2 903-2908	Materials Today: Proceedings 18 (2019) ISSN: 2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785319322928	SCOPUS

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	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	SCOPUS
45.	Vivudh Gupta, Pawandeep Singh, Balbir Singh and R.K. Mishra,	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	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

8.2 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
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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), 15 th - 19 th 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” AICTE approved QIP 25 th -29 th Nov. 2019	A Week Long Short Term Course	IIT, Kgp, Nov. 2019.	Attended	National
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8.3 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.	Organized Engineers Day Celebration on 15 th Sep. 2019	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

8.4 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 UI 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
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8.5 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	I7BME034	Presented paper titled "Solar Energy Society, 49 th Annual Solar Conference, held on 24-25 June 2020.	George Washington University, Washington DC, but due to the covid-19, it was organized virtually.
2.	Aniket Sharma	I8MMA002	Published research 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"	Science Citation Index Journal.

SCHOOL OF ELECTRICAL ENGINEERING

1. **Name of the School:** School of Electrical Engineering

2. **Faculty Profile:**

S. No.	Name of the Faculty Member	Designation	Specialization
1	Dr. K. R. Jha	Associate Professor	Antenna Design, Microwave Engineering
2	Dr. Kamaldeep	Assistant Professor	Power Electronics & Drives, Multilevel Inverter, Integration of Renewable Energy Sources, FACTS Devices, Power Quality Improvement, Electric Machines.
3	Dr. Arjun Tyagi	Assistant Professor	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		
2019 Entry	Male	Female	Total
	31	7	38

5. **Information About Each Faculty :**

5.1 **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: Synthesis of Frequency Agile Frequency Selective Surface	Major	DRDO	22.87 Lakhs	Principle Investigator	Sep. 2018	Annual Review Completed and partial outcome conveyed to Agency

5.2 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. : Dol: (ISSN or Dol)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
1.	1. Umar Maqbool 2. Arjun Tyagi* 3. V. V. Tyagi 4. Richa Kothari	Optimization of the renewable energy based microgrid for rural electrification in northern region of India	Clean Technologies and Environmental Policy	ISSN= 1618-9558 pp. 1-12, January 2020	SCI
2.	1. Arjun Tyagi 2. Krishan Kumar 3. M. A. Ansari 4. Bhavnesh Kumar	An Efficient Load Flow Solution for Distribution System with Addition Distributed Generation	Journal of Electrical Systems and Information Technology	ISSN= 2314-7172 vol. 7, No. 7, pp. 1-16, April 2020	Springer Nature
3.	1. Arjun Tyagi 2. Krishan Kumar 3. Kamaldeep 4. Nitin Tyagi 5. Vinaya Rana	Distribution Network Reconfiguration under Uncertainties in Load and Renewable Generation Forecast	International Journal of Scientific & Technology Research	ISSN=2277-8616 vol. 09, no. 4, pp. 423-427, April 2020	SCOPUS
4.	1. Vinaya Rana 2. M. A. Ansari 3. Yogesh K. Chauhan 4. Arjun Tyagi 5. Krishan Kumar	A Novel Scheme of Parameters Control of Microturbine System at Different Loading Conditions	Taylor & Francis Journal of Information and Optimization Sciences	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	IEEE Transactions on Industry Applications.	Volume 55, Issue No. 6, Year 2019	SCI Impact Factor = 3.347

		Inverter With Reduced Number of Switches (7389-7399)	Electronic ISSN: 1939-9367 doi: 10.1109/TIA.2019.2933789	Pg. No. 7389-7399	
6.	1. Arjun Tyagi, 2. Krishan Kumar, 3. Kamaldeep, 4. Nitin Tyagi 5. Vinaya Rana	Distribution Network Reconfiguration under Uncertainties in Load and Renewable Generation Forecast	International Journal of Scientific & Technology Research ISSN=2277-8616	Vol. 09, No. 4, pp. 423-427, April 2020	SCOPUS

5.3 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.	IEEE International Conference on Recent Developments in Control, Automation & Power Engineering, Noida, India, 10-11 October 2019	A New Multilevel Inverter Topology with Minimal Power Electronics Component	IEEE	Paper Presentation Dr. Kamadeep	International
2.	International Conference on Advancement in Engineering Sciences, Katra (J&K), India, 28-29 September 2019	Optimal Design and Economic Feasibility of Autonomous Microgrid System	SMVDU	Paper Presentation	International
3.	International Conference on Advancement in Engineering Sciences, Katra (J&K), India, 28-29 September 2019	Adequacy Analysis of Hybrid Renewable Energy Systems	SMVDU	Paper Presentation	International

4.	International Conference on Advancement in Engineering Sciences, 28-29 September 2019	Low Voltage Ride Through for Renewable Energy Based Hybrid System	SMVDU	Paper Presentation	International
5.	International Conference on Advancement in Engineering Sciences, 28-29 September 2019	Performance Analysis of Grid-Tied Solar PV Systems Using PVsyst Software	SMVDU	Paper Presentation	International
6.	International Conference on Advancement in Engineering Sciences, 28-29 September 2019	NA	SMVDU	Resource person (Session Chair)	International
7.	6th International Conference on Recent Trends and Advancement in Engineering and Technology, 17-18 January 2020	NA	SMVDU	Resource person (Session Chair)	International
8.	IEEE International Conference on Recent Developments in Control, Automation & Power Engineering, 10-11 October 2019	A New Multilevel Inverter Topology with Minimal Power Electronics Component	IEEE	Paper Presentation	International
9.	International Conference on Advancement in Engineering Sciences, 28-29 September 2019	NA	SMVDU	Resource person (Session Chair)	International
10.	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	NA	SMVDU	Resource person (Session Chair)	International

FDP

11.	Faculty development program on Energy Simulation on 08 November 2019 at Shri Mata Vaishno Devi University, Katra, India	Optimization Techniques in Engineering	SMVDU	Invited lecture	National
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12.	Faculty development program on Energy & Power Systems on 06 August 2019 at Shri Mata Vaishno Devi University, Katra, India	Modern Electric Distribution System: The Challenges and Scope	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 28 th -31 st 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		

5.4 Students' Achievement (2019-2020) :

Sl. No.	Name of the Student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
I.	Suhani Baru	18BEE031	Presents a research paper in Third International Conference on Advances in Mechanical Engineering (ICAME 2020), Kattankulathur, Chennai on 28 th 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	Specialization
1.	Dr. Rahul Sharma	Assistant Professor	Structures, Concrete Technology, Sustainable Construction Materials, Recycling of Materials, Life Cycle Assessment.
2.	Dr. Bharat Bhushan Jindal	Assistant Professor	Structures, Geopolymer Concrete, Steel Fibre Concrete, Construction Materials, Green and Sustainable Concrete
3.	Dr. Vaibhav Rajiv Sapkal	Assistant Professor	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)	0

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

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

5. 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.	One Week AICTE TEQIP FDP on Waste to Energy – A Green Approach Solar Energy, 3 rd -7 th 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, Ambedkar Nagar (U.P.)	Dr. Vaibhav Rajiv Sapkal	National

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
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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.)	Duation	Consultancy ID
1.	Vetting of Structural Design for the works "Improvement to Drainage Scheme Gujarat Nagar and its adjoining area".	Sewerage & Drainage Circle, Jammu	Dr. V.K. Dogra, Head, SoCE	Dr. Rahul Sharma AP, SoCE	SoCE		33100	7013	02 Mon-ths	CP/ 19/025
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	NA	SoCE		21600	4576	02 Mon-ths	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	NA	SoCE	8450 000	25400	5381	02 Mon-ths	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	NA	SoCE	93 Lacs	54871	11625	02 Mon-ths	CP/ 19/028
5.	Structural Consultancy for a Residence, Jammu	M/s Tikku & Associates (Architects & Planners)	Dr. V.K. Dogra, Head, SoCE	NA	SoCE		20000	4237	02 Mont hs	CP/20/29

6. Information about each Faculty

6.1 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	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, Mrs. Pooja Sapkal	Lambert Academic Publishing, Germany International	978-3-659-58577-7 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.: Dol: (ISSN or Dol)	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	Journal of Materials in Civil Engineering American Society of Civil Engineers, USA ISSN No: 0899-1561 Dol: 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
Construction and Building Materials
Publisher & Location: Elsevier
ISSN No.: 0950-0618
Dol: <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, Shoroog Alraddadi
Main Author : No
Characterization and properties of geopolymer nanocomposites with different contents of nano-CaCO₃
Construction and Building Materials
Elsevier
ISSN No.: 0950-0618
Dol: <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
Advances in Concrete Construction
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
Materials Today Proceedings
Elsevier
ISSN No.: 2214-7853
DOI: <https://doi.org/10.1016/j.matpr.2020.04.219>
Volume: 3
Issue No.:
Year: 2020
Page Nos.: 3
In Press
SCOPUS
Impact factor:1.3
6. Bharat Bhushan Jindal
Main Author : Yes
Investigations on the properties of geopolymer mortar and concrete with mineral admixtures: A review
Construction and Building Materials
Elsevier
ISSN No.: 0950-0618
Dol: <https://doi.org/10.1016/j.conbuildmat.2019.08.025>
Volume : 227
Issue No.:
Year: 2020
Page Nos.: 116644
SCI
Impact factor:4.046

6.2 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 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, AICTE	Dr. Rahul Sharma	National
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

2	The People and The Principles Behind Nature- The What, The Why and The How 18 June, 2020	-	Springer Nature in Collaboration with Inffibnet 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 Activity in Collaboration with R.E.E. Ambedkar Nagar U.P.	Dr. Bharat Bhushan Jindal	National
10.	National Level 5 days Online Faculty Development Program on LATEX 28 April to 2 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 Engineering	-	Civil and Environmental Engineering Department, Veermata Jijabai Technological Institute, Mumbai	Dr. Vaibhav Sapkal	National

6.3 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 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, Dr. Bharat Bhushan Jindal	Coordinator	Shri Mata Vaishno Devi University	University
4.	1st National Conference on Recent Advances in Civil Engineering	Dr. Manjula Wani, Dr. Vaibhav Sapkal	Co-Coordinator	JNTUH Hyderabad and SMVDU	National

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	Specialization
1.	Prof. (Dr.) Rajeev Garg	Professor & Head	Thermal Performance of Buildings, Architectural Education
2.	Ar. Aditya Kumar Singh	Associate Professor	Landscape Design, International Business, Building Economics, Capital & Stock Management
3.	Dr. V.K. Dogra	Associate Professor	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	Hospitality Architecture, Sustainable approach to buildings, etc.
5.	Ar. Navin Gupta	Assistant Professor	Landscape Architecture
6.	Ar. Abhimanyu Sharma	Assistant Professor	Architectural design, Earthquake Resistant Structures, Conservation & Heritage Architecture and Building Construction
7.	Ar. Anoop Kumar Sharma	Assistant Professor	Working interest on Sustainable Built Environment, Architecture Design and Contemporary Architecture Trends
8.	Dr. Sourvee Dutta	Assistant Professor	Urban Design and Urban Planning.
9.	Ar. Vinod Kumar	Assistant Professor	City Planning
10.	Ar. Satyanshu Kumar	Assistant Professor	Sustainable Architecture, Disaster Management
11.	Ar. Aastha Thapa	Assistant Professor	Master of Urban and Rural Planning
12.	Ar. Gaurav Kumar Mishra	Assistant Professor	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		
2019 Entry	Male	Female	Total
	13	11	24

5. Details of Research Scholars:

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	0	0	0
Awarded 2019-20	0	0	0
Total Presently under Supervision	03	0	03

6. 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.	Universal Design Session	Universal Design Session	SoALD, SMVDU	Prof Kavita Murugkar (Associate Prof, BNCA Pune)	University
2.	Special Lecture	Special Lecture	SoALD, SMVDU	Eminent Architect S K Das	University
3.	Special Lecture	Aesthetics & Functionality	SoALD, SMVDU	Prof Bijoy Baruah (IIT Ropar)	University
4.	Special Session	Special Session	SoALD, SMVDU	Prof Kishore Joglekar (VNIT Nagpur)	University
5.	Industry Institute Interaction	Industry Institute Interaction	SoALD, SMVDU	Mr Vimal Mahajan (AGM BD Kone Elevators India)	University
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)	University

7.	Special Lecture for B. Arch. Students	Highrise Building Design Aspects	SoALD, SMVDU	Ar. Amit Gangal	University
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7. Information about each Faculty

7.1 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	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: Dol: (ISSN or Dol)	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: International Journal on Emerging Technologies Publisher & Location: Research Trend , India (Online) ISSN No.:2249-3255 Dol:(ISSN or Dol) ISSN No. (Print) : 0975-8364	Volume:10 Issue No.: 3 Year: 2019 Page Nos.: 276-280	SCOPUS Indexed Impact factor:3.1
2.	1. Ar. Anoop Kumar Sharma 2. Dr. Rajeev Garg 3. Ar. Arshia A Hazarika	Conventional Architecture of Jammu: An Analytical Review	International Journal on Emerging Technologies.	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	NA
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)	NA
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)	NA

7.2 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
I.	One Day Webinar on Enhancing Research Effectiveness using Scopus, Sciencedirect and Mendeley on May 01, 2020	One day Webinar	FDC Kurukshetra University	Prof. (Dr.) Rajeev Garg (Participated)	National

2.	Online One Week Short Term Training Programme 08-06-2020 to 12-06-2020	Vastushastra	IQAC of Tulsiramji Gaikwad-Patil College of Architecture Nagpur	Prof. (Dr.) Rajeev Garg (Participate)	National
3.	AICTE Training And Learning (ATAL) Academy Online FDP from 15-06-2020 to 19-06-2020.	Artificial Intelligence	FICCI	Prof. (Dr.) Rajeev Garg (Participated)	National
4.	Online Course certificate issued on 31-01-2020	C21001: Cities and the Challenge of Sustainable development	SDG Academy	Ar. Abhiney Gupta	National
5.	Online Course certificate issued on 06-01-2020	C21001: Cities and the Challenge of Sustainable development	SDG Academy	Ar. Navin Gupta	National
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)	National
8.	One Month Faculty Induction Program under FDC		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

12.	Five Days Online Short Term Training Program 13-17 May 2020	Bio energy: technologies 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 Course for 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 Research Fellow Programme (SFRF 2019) 21-05-2019 to 05-07-2019	Research Programme in Environmental Science in Civil Department	IIT, Delhi	Ar. Vinod Kumar (Participated)	National
18.	ARPIT Course for CAS on 16.02.2020	Emerging Areas in	School of Planning and	Ar. Vinod Kumar	National

		Hospital Planning, Design and Facilities Management	Architecture, New Delhi	(Participated)	
19.	Online One Week Short Term Training Programme 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 16.06.2020 to 20.06.2020	Augmented Reality (AR)/ Virtual Reality (VR)	National Institute of Technology, Warangal	Ar. Vinod Kumar (Attended)	National
21.	Online One Week Short Term Training Programme 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
24.	Online Workshop on "Recent Advances in science and Technology of Concrete" held on 2nd May 2020	NA(Online Workshop)	IIT Madras	Ar. Sayanshu Kumar (Attended)	International
25.	Redefining Smart and Sustainable Human Settlements Post COVID-19 May 22, 2020	NA (Webinar)	ASSOCHAM, India	Ar. Sayanshu Kumar (Attended)	International

7.3 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

7.4 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	I7BAR004, I7BAR007	B. Arch. Students participated on 25 Sept 2019	IGBC Event at Hyderabad
2.	Pooja Kumari	I5BAL017	Research Paper entitled "Behavioural Dimension in Designing Built Environment for Autism" (17-18 January 2020)	6th 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:

Sl. No.	Name of the Faculty Member	Designation	Specialization
1	Prof. (Dr.) D. Mukhopadhyay	Professor & Dean Faculty of Management	Finance & Accounting, Marketing and General Management
2	Dr. Ashutosh Vashishtha	Associate Professor	Finance
3	Dr. Supran Kumar Sharma	Associate Professor	Project Management, Entrepreneurship, Management Science, Research Methods
4	Dr. Jyoti Sharma	Associate Professor	Human Resource Management, Organizational Behaviour
5	Dr. Sushil Kumar Mehta	Associate Professor	Finance
6	Dr. Saurabh	Associate Professor and Head, School of Business	Strategic Management and Marketing
7	Dr. Hari Govind Mishra	Associate Professor	Marketing
8	Dr. Sanjay Kumar Mishra	Assistant Professor	Finance, Supply Chain Management, Family Business
9	Dr. Arti Maini	Assistant Professor	Human Resource Management, Organizational Behaviour
10	Dr. Rashi Taggar	Assistant Professor	Marketing and Supply Chain Management
11	Dr. Syeda Shazia Bukhari	Assistant Professor	Human Resource Management and Marketing
12	Dr. Deepak Jain	Assistant Professor	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		
2019 Entry	Male	Female	Total
	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	0	0	0
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 Dr. Ashutosh Vashishtha	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 Dr. Saurabh	29-06-2020 to 28-06-2022	Ongoing Project

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 & Business	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	Determinants of Co2 Emissions	Environmental Science & Pollution		Category "B" in ABDC

3.	Prof. (Dr.) D. Mukhopadhyay	in Upper Middle Income Group Countries : An Empirical Investigation	Research		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 solid waste management	Journal for Global Business Advancement, 2019 ISSN online 1746- 9678 ISSN print 1746- 966X	Vol.12 No.3, Pg Nos..405 – 428	SCOPUS Was listed in ABDC at the time of publishing of the article
4.	1. Satish Kumar 2. Riya Sureka 3. Ashutosh Vashishtha	The Journal of Heritage Tourism: A bibliometric overview since its inception	Journal of Heritage Tourism Taylor & Francis, UK ISSN: 1743- 873X(Print) 1747-6631 (online) DOI:https://doi.org/1 0.1080/1743873X.20 20.1754423	Volume:15 Issue: 4 Year: 2020 Pg. Nos.: 365-380	Peer Reviewed UGC Listed Indexing: SCOPUS B Category ABDC SJR Impact Factor:0.61
5.	1. Debidutta Pattnaik 2. Satish Kumar 3. Ashutosh Vashishtha	Research on trade credit – a systematic review and bibliometric analysis	Qualitative Research in Financial Markets. Emerald Publishing, UK ISSN: 1755-4179 DOI: https://doi.org/10.1108/ORFM-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
6.	1. Shravani 2. Suparn K. Sharma	“Evidence on Relationship between	Journal of Quantitative Economics	Volume: 17 Issue: 4 Year: 2019	(ABDC Listed) (Springer)

		Economic Growth and Financial Development of Selected Northern Indian States Using Panel VEC Approach”	https://doi.org/10.1007/s40953-019-00156-0		
7.	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).
8.	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)
9.	1. Shravani 2. Suparn K. Sharma	Financial Development and Economic Growth in Selected Asian Economies: A Dynamic Panel ARDL Test	Contemporary Economics DOI: 10.5709/ce.1897-9254.400	Volume: 14 Issue: 2 Year: 2020 Pg. Nos.: 201-218	(ABDC Listed, SCOPUS (Refereed) Accepted. (H Index: 13).
10.	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)
11.	1. Vibha Mahajan 2. Jyoti Sharma	A Study of knowledge sharing 96nalyzin-based employee segmentation and related variables,	International Journal of Indian Culture and Business Management ISSN: 1753-0814 Dol: 10.1504/IJICBM.2020.107694	Volume: 20 Issue: 3 Year: 2020 Pg. Nos.: 307-25	Falls in ABDC list at the time of Acceptance
12.	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)

13.	I. 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: I Year: 2019 Pg. Nos.: 67-80	Peer reviewed
14.	I. 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
15.	I.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
16.	I. 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
17.	I. 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
18.	I. 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
19.	I. Ankita Dutta 2.Rashi Taggar	A 'Cakelicious' Study to explore Customer Buying Preferences	International Journal of Research and Analytical Review, ISSN: 2348-1269	Volume: 7 Issue: 2 Year: 2020 Pg. Nos.: 81-88	Peer reviewed
20.	I. 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
21.	I. Sonali Heera 2.Arati 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/10.1177/0972262919840193	ABDC and SCOPUS listed

22.	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
23.	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)
24.	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)
25.	1.Dheeraj Kumar 2.Syeda Shazia Bukhari	Factors influencing 98nalyzi 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)
26.	1.Karan Bucha 2.Syeda Shazia Bukhari	Impact of culture- A study on 98nalyzing international marketing	IJRAR, 2348-1269	Volume: 7 Issue: 2 Year:2020 Pg. Nos.: 955-959	Peer reviewed, impact factor 5.75 (Google scholar)
27.	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)
28.	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

29. 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
30. 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 5th International Conference on “E-Business And Applications (ICEBA 2019)”. ACM International Conference Proceedings Series, Bangkok, Thailand, 25th February 2019 to 28th 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.iciba.org/img/index/Scopus2019.png>
31. 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
32. 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

9. Conferences/Workshops/Seminars/Webinars/Shortterm 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	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
I.	Webinar Series on Strategies for Leading the Change: Post	Swdeshi aspect of management education	Institute of Public Enterprise Hyderabad,	Invited Speaker (Dr. Ashutosh Vashishtha)	National

COVID19 Response of India, May 30, 2020			Bhartiy Shikshan Mandal and Shri Mata Vaishno Devi University	TEQIP- III Sponsored on October 21th - 25th, 2019	
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 Covid 19 Dilemma	<u>MBC Management Business Consultants</u> Sagl, 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
10.	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, Punjab A. University, Ludhiana.	Resource Person (Dr. Supran Kumar Sharma)	National
11.	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
12.	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
13.	Online course May 2020	Influencing People	University of Michigan (Coursera)	Dr. Supran Kumar Sharma successfully completed the course	International
14.	Online course, May, 2020	Inspiring and Motivating Individuals	University of Michigan (Coursera)	Dr. Supran Kumar Sharma successfully completed the course	International

15.	Stress Management, 10 th February, 2020	Stress Management	PAU, Ludhiana, Punjab	Resource Person (Dr. Jyoti Sharma)	University
16.	Training for Trainers, August 29-31, 2019	Module Design and Class Preparation	SMVDSB	Resource Person (Dr. Jyoti Sharma)	National
17.	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
18.	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
19.	Two day National webinar, 30-31 May, 2020	Workplace loneliness: An insight from a pharmaceutical company	MGCU, Bihar	Dr. Arti Maini presented paper	National
20.	Two day National webinar, 30-31 May, 2020	Workplace incivility: A study of a commercial bank	MGCU, Bihar	Dr. Arti Maini presented paper	National
21.	Online course completed in May, 2020	'Preparing to manage human resources'	University of Minnesota (Coursera)	Dr. Arti Maini successfully completed the course	International
22.	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

23.	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
24.	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
25.	Webinar, 4 th June, 2020	'Impact of AI during Pandemic Times'	McGraw Hill	Dr. Rashi Taggar attended the Webinar	International
26.	Web-Panel Discussion on, 8 th June, 2020	'Business Revival through IQ+EQ+PQ+S Q : Human Capital Agenda'	NHRDN-Delhi & NCR Chapter	Dr. Rashi Taggar attended the Webinar	National
27.	Two days National Webinar, 9 th – 10 th June, 2020	'A Need of Transition in Teaching and Learning During and After COVID-19'	Department of Education, Central University of Jharkhand	Dr. Rashi Taggar attended the Webinar	National
28.	Webinar, 11 th June, 2020	'The Impact of COVID-19 on HR Strategies and Industrial Relations Practices'	Amity University	Dr. Rashi Taggar attended the Webinar	International
29.	Webinar by Dr. Rajan Saxena on 11 th June, 2020	'Role of Marketing in times of Pandemic'	McGraw Hill	Dr. Rashi Taggar attended the Webinar	International
30.	Webinar by Prof. Rajendra P Gupta, 18 th Jun, 2020	'Future of Education Post Covid'	McGraw Hill	Dr. Rashi Taggar attended the Webinar	International
31.	One week TEQIP sponsored workshop, 19 th – 23 rd August, 2019	'Role of Soft-skills in the Classroom Management'	School of Languages & Literature, Shri Mata Vaishno Devi University	Dr. Rashi Taggar attended the Workshop	National

32.	AICTE approved, 1 st September, 2019 to 16 th January, 2020	FDP Swayam Arpit Online Refresher Course in Management	Banasthali University	Dr. Rashi Taggar successfully completed the FDP	National
33.	On 30 th April, 2020	Online Course in Supply Chain Analytics, completed	Rutgers University (Coursera)	Dr. Rashi Taggar successfully completed the course	International
34.	Completed on 6 th June, 2020	Online Course in Supply Chain Planning	Rutgers University (Coursera)	Dr. Rashi Taggar successfully completed the course	International
35.	TEQIP-III Sponsored Faculty Development Program on, 4 th to 8 th November 2019	'Energy Simulation'	Organized by School of Energy Management, SMVD University	Dr. Deepak Jain attended the FDP	National
36.	TEQIP-III Sponsored Workshop on, 30 th September to 4 th October 2019.	'Foundation of Fuzzy Set and Fuzzy Logic Applications'	Department of Computer Science & Engineering, SMVD University	Dr. Deepak Jain attended the workshop	National
37.	Completed on 25 th April, 2020	Online Course in Digital Marketing I.Ix: Digital Marketing, Social Media, and E-Commerce for your Business	The Wharton University of Pennsylvania (edX)	Dr. Deepak Jain successfully completed the course	International
38.	Completed on 22 nd January, 2020	Online Course in Customer Centricity: Managing the Value of Customer Relationships: Business Plan Writing and Executive Summary' and 'Personality Trait Assessment	The Wharton University of Pennsylvania (edX)	Dr. Deepak Jain successfully completed the course	International
39.	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

40. DST-NIMAT sponsored 'Entrepreneurship Awareness Camp, 21st to 23rd November 2019.

Effective Communication Skills

Entrepreneurship Development Centre, SMVD University

Dr. Deepak Jain (Resource Person) J&K

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, Gol	National
2.	Webinar talk on "New Age Business: Society at the center of Focus in Young Leaders 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 of Business	Dr. Saurabh Program Coordinator & Moderator	-	State
3.	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, Gol	National
4.	"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, Gol	National
5.	Webinar Talk by Ms. Vineeta Koul on Corporate Etiquettes, 28 th June, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University

6.	Webinar Talk by Mr. Anil Kangotra on Digital Technologies-2020, 12 th June, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
7.	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
8.	Webinar Talk by Ms. Neha Maheshwari on Corporate Readiness, 5 th June, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
9.	Webinar Talk by Ms. Aditi Wasandi on Strategies for Effective Leadership, 31 st May, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
10.	Webinar Talk by Mr. Vivek Sharma on Ethical Leadership, 17 th May, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
11.	Webinar Talk by Mr. Madhusudan on Virtual Collaboration-Need of the Hour, 23 rd May, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
12.	Webinar Talk by Mr. Varun Sharma on Rol- Training and Development Evaluation Method, 8 th May, 2020	Dr. Jyoti Sharma	Moderator	SoB, SMVDU	University
13.	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
14.	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
15.	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	

II. 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)/ Inter-national (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 transformation: 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/ Submitted
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	“Strategic Positional Relationship of India amongst SAARC Nations : A Critical Study”	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

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	I4DBU004	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.	Deepika	I7DBU004	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
3.	Sunali Bindra	I6DBU004	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
4.	Tapas Sudan	I9DBU007	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

5.	Suhail Gupta	I9DBU002	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” 29 th August 2019 to 30 th August 2019.	Department of Commerce (SAP: DRS-III), University of Jammu
6.	Diksha Choudhary	I8MMB013	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 st December 2019 to 22 nd December 2019. LAMBERT Academic Publishing GmbH & Co. KG ISBN: 978-620-0-50088-5, pg. 62-69.	
7.	Princy Rajput	I8MMB027	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”. 21 th December 2019 to 22 nd December 2019. LAMBERT Academic Publishing GmbH & Co. KG ISBN: 978-620-0-50088-5, pg. 70-81	Rukmini Devi Institute of Advanced Studies, Delhi, in association with Gedu College of Business Studies, Royal University of Bhutan, Bhutan
8.	Simran Gandotra	I8MMB042	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

9. Suraj Bhat

I8MMB057

Presented paper: 'Critical Insights of Social Media: It's Impact on Society' in 9th International Conference on "Innovative Business Practices for Creating Value in Global Era". , 8th November 2019. ISBN: 978-81-928573-6-7, pg. 157-162.

Acropolis Faculty of Management and Research, Indore, Madhya Pradesh

SCHOOL OF ECONOMICS

1. Name of the School : Economics

2. Faculty Profile :

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

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

Batch	Admitted Students		
2019 Entry	Male	Female	Total
	11	24	35

4. Details of Research Scholars :

Year 2019-20	Ph.D.		
	Male	Female	Total
Admitted 2019-20	2	3	5
Awarded 2019-20	0	0	0
Total Presently under Supervision	10	9	19

5. 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.	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 Kumar 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 Kumar Jena	International

6. Information About Each Faculty

6.1 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 Lakhs	Investigator Dr. Kakali Majumdar	2017-2019	Yes

2.	Digital literacy penetration and its impact on creating sustainable livelihoods for rural women entrepreneurs in Jammu and Kashmir	Major	AICTE	5 Lakhs	Principal Investigator (Dr. Meenakshi Gupta)	Ongoing	No
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	No
4.	India's Financial Inclusion	Minor	ICSSR	2,78,000 /-	Investigator Dr. Arif Billah Dar	April 2019	Yes

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

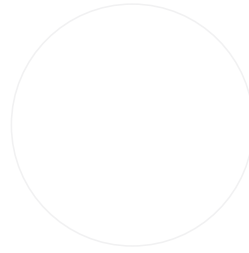
For book:

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 & Business	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 Delhi, International	978-81-945430-5-3

For paper (2019-2020):

Sl. No.	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise	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	Trend of Pulse Production In India: A Study Using Kinked Exponential Model.	The Indian Economic Journal, ISSN: 0019-4662	Special Issue December, 2019	Journal of Indian Economic Association

2.	I.Kakali Majumdar 2. Rajeev Kumar Singh	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 Sharma	Dairy Practices - An Insight to Chain Coordination Mechanisms of Unorganized Segment of Dairy Sector in Punjab State”	Academy of Marketing Studies Journal (AMSJ) ISSN: 1095-6298.	Vol. 24 Issue 2	<u>B Category</u> Journal as per ABDC 2019 Ranking
4.	Dr. Meenakshi Gupta and Dr Vikas Sharma	“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	SCI Journal Indexed Researcher ID/ Thomson Reuters and Cite score



FACULTY OF SCIENCES

SCHOOL OF MATHEMATICS

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

2. **Faculty Profile:**

S. No.	Name of the Faculty Member	Designation	Specialization
1.	Dr. V.K Bhat	Professor	Ring Theory, Graph Theory
2.	Dr. Uday Pratap Singh	Associate Professor	Soft Computing, Nonlinear Dynamics
3.	Dr. Ananga Kumar Das	Associate Professor	Topology
4.	Dr. Kuldip Raj	Assistant Professor	Functional Analysis, Operator Theory
5.	Dr. Sandeep Bhogal	Assistant Professor	Sequential Analysis
6.	Dr. Rakesh Kumar	Assistant Professor	Operation Research
7.	Dr. Surender Singh	Assistant Professor	Information Theory
8.	Dr. Sandeep Sharma	Assistant Professor	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

5. **Extension Lectures Delivered by Outside Experts/in-house Faculty/Outside Faculty in the School:**

Sl. 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 (abroad/ International (within the country)/State/ University
1.	Expert lecture for 1 st and 2 nd year M.Sc. (Mathematics) Students 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 9 th Oct 2019	Double Sequences	SMVDU	Prof. B.C. Tripathy, Head Department of Mathematics, Central University of Tripura	University

3. Expert Lecture for 1st and 2nd year M.Sc.(Mathematics) Students and Research Scholars of SoM 20th – 22nd Nov 2019
- A gentle introduction to Monto-carlo Simulation, Gentle Introduction to statistical modeling, Big-Data from statistician's prospective for 1st and 2nd 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):

Sl. No.	Name of the candidate	Name of Supervisor & Co-supervisors	Entry No.
1.	Ms. Charu Sharma	Dr. Kuldeep Raj	I5DMT001
2.	Ms. Renu Anand	Dr. Kuldeep Raj	I4DMT002
3.	Ms. Sapana Sharma	Dr. Rakesh Kumar	I5DMT003
4.	Mr. J P Singh	Dr. Uday Pratap Singh	I6DCS001
5.	Mr. S S Chouhan	Dr. Uday Pratap Singh	I6DCS001

7. Information About Each Faculty

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

S. No.	Title of the Project	Whether major or minor project	Funding Agency	Funding received/ Total Grants	Role performed: Investigator/ Co-investigator/ Project director	Date of Commence-ment and date of completion
1.	Completely prime ideals of skew polynomial rings	Minor	SERB-DST	4.43 lacs	PI V.K Bhat	Ongoing

2.	A Study of Orlicz Sequence Spaces and Their Operators	Major	CSIR INDIA	About 20 Lacs	Investigator Kuldip Raj	01-04-2018 & 01-04-2021
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7.2 Patents (2019-2020):

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

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):

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.	Matrix Rings as One sided σ -S,I) Rings V.K.Bhat & Pradeep Singh	New Trends in Algebras & Combinatorics	K.P. Shum, E.Zel'nanov, 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 heterogeneous servers' queuing system with balking and retention of reneging customers
(**Authors:** Rakesh Kumar, Sapana Sharma and Gulab Singh Bura)
- Performance Prediction and Analytics of Fuzzy, Reliability and Queuing Models
- Kusum Deep, Madhu Jain, Said Salhi
- Springer, International
- ISBN No.: 978-981-13-0857-4
- Year: 2019

For paper (2019-2020):

Sl. No.	Name of Author, if more than one, then: 1. Author 2. Author 3. Author 4. Author, likewise	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. Dr.Vijay Kumar Bhat 2. Pradeep Singh	Zero Divisor Graphs of Finite Commutative Rings : A Survey	Surveys in Mathematics and its Applications National/International Publisher: ISSN: 1842-6298	Vol : 15 Year: 2020 Page Nos. 371-397	SCOPUS
2.	1. Dr.Vijay Kumar Bhat 2. Pradeep Singh 3. Sunny Sharma	On weak σ , δ – Rigid Rings over Noetherian Rings	Acta Univ. Sapientiae, Mathematica National/ International : International Publisher: SCOPUS & WOS ISSN: 1844-6094	Issue : 01 Page No: 5-13 Dol: 10.2478 Vol: 12 Year: 2020	SCOPUS & WOS

3.	1. G. Kumar 2. S. Jain 3. Uday Pratap Singh	Stock Market Forecasting Using Computational Intelligence: A Survey	Archives of Computational Methods in Engineering International Springer ISSN: 1886-1784	Year: 2020	SCIE; Impact Factor : 7.24
4.	1. S.S.Chouhan 2. Uday Pratap Singh 3. S. Jain	Web facilitated Anthracnose disease segmentation from the leaf of Mango tree using Radial basis function (RBF) neural network	Wireless Personal Communications International Springer ISSN: 1572-834X	DOI: 10.1007/s11277-020-07279-1 Year: 2020	SCIE; Impact Factor : 0.929
5.	1. S.S. Chouhan 2. Uday Pratap Singh 3. S. Jain	Images as Graphical Password: Verification and Analysis using Non-Regular Low-Density Parity Check Coding	International Journal of Information Technology International Springer ISSN: 2511-2112	Year: 2020	SCOPUS
6.	1. J. P. Singh 2. S. Jain 3. S. Arora 4. Uday Pratap Singh	A Survey of Behavioral Biometric Gait Recognition: Current Success and Future Perspectives	Archives of Computational Methods in Engineering International Springer ISSN: 1886-1784	Year: 2020	SCIE; Impact Factor : 7.24
7.	1. J.P. Singh 2. S. Jain 3. S. Arora 4. Uday Pratap Singh,	Reconstruction of Occluded ROI in Multiperson Gait Based on Numerical Methods	Multimedia Systems International Springer ISSN: 1432-1882	Volume: 26 Page No.s: 249-266 Year: 2019	SCIE; Impact Factor : 1.956
8.	1. Uday Pratap Singh 2. S.S. Chouhan, 3. S. Jain 4. S. Jain	Multilayer Convolution Neural Network for the Classification of Mango Leaves Infected by Anthracnose Disease	IEEE Access International Springer ISSN: 1886-1784	Volume: 7 DOI: 10.1109/ACCESS.2019.2907383 Page No.s: 43721-43729 Year: 2019	SCIE; Impact Factor : 4.09

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|-----|---|---|---|--|---|
| 9. | 1. Uday Pratap Singh
2. S. Jain
3. R.K. Gupta
4. A. Tiwari | AFMBC For a Class of Nonlinear Discrete-Time Systems with Dead Zone | International Journal of Fuzzy Systems International
Springer
ISSN: 2199-3211 | Volume: 21
Page No.s: 1073-1084
Year: 2019 | SCIE;
Impact Factor : 3.10 |
| 10. | 1. S.S. Chouhan
2. Uday Pratap Singh
3. S. Jain | Application of Computer Vision in Plant Pathology: A Survey | Archives of Computational Methods in Engineering International
Springer
ISSN: 1886-1784 | Volume: 27
Issue No.: 2
Page No.s: 611-632
Year: 2019 | SCIE;
Impact Factor : 7.24 |
| 11. | 1. A. K. Das
2. S.S. Raina | On Relative β -Normality | Acta Mathematica Hungarica
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. Kuldeep 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. Kuldeep Raj | Matrix transformation on lacunary sequence spaces and their Toeplitz duals | Houston J. Math. 0362-1588 | 45(3) (2019) 831-851 | SCIE 0.30 |
| 14. | Dr. Kuldeep 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. Kuldeep 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	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
21.	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

22.	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
23.	Dr. Kuldip Raj	On some spaces of Cesaro sequences of fuzzy number associated with λ -convergence and Orlicz function	Acta Univ. Sapientiae, Mathematica 2066-7752	11 (2019), 156-171	SCOPUS, ESCI 0.28
24.	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
25.	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
26.	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
27.	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
28.	1. Rakesh Kumar 2. Bhupender Kumar Som	A Multi-server Queue with Reverse Balking and Impatient Customers	Pakistan Journal of Statistics ISOSS PUBL, Lahore ISSN No.:1012-9367	Volume: 36 Issue No.: 2 Year: 2020 Page Nos.: 91-101	SCOPUS
29.	1. Rakesh Kumar 2. Sapana Sharma	Transient and steady-state analysis of a	RAIRO Operations Research	Volume: 53 Issue No.: 5	SCOPUS 0.639

	3. S.I. Ammar	queuing system having customers' impatience with threshold	EDP Sciences, France ISSN No.:0399-0599	Year: 2020 Page Nos.: 1861-1876	
30.	1. Rakesh Kumar 2. Sapana Sharma	Transient analysis of an M/M/c queuing system with retention of reneging customers	International Journal of Operational Research. ISSN No.: 1745-7645	Volume: 36 Issue No.: 1 Year: 2019 Page Nos.: 78-91	Peer-reviewed, UGC listed Journal, SCOPUS
31.	1. Rakesh Kumar, 2. Sapana Sharma, 3. Bhavneet Singh Soodan, 4. P. Vijaya Laxmi, 5. Bhupender Kumar Som	Transient Solution of a Heterogeneous Queuing System with Balking and Catastrophes	Reliability (Theory and Applications) Forum, USA ISSN No.: 1932-2321	Volume: 15 Issue No.: 1 Year: 2020 Page Nos.: 42-50	Peer-reviewed, UGC listed Journal
32.	1. Rakesh Kumar 2. Bhavneet Singh Soodan	Transient Numerical Analysis of a Queueing Model with Correlated Reneging, Balking and Feedback	Reliability (Theory and Applications) Forum, USA ISSN No.: 1932-2321	Volume: 14 Issue No.: 4 Year: 2019 Page Nos.: 46-54	Peer-reviewed, UGC listed Journal
33.	1. Surender Singh 2. Abdul Haseeb Ganie	On some correlation coefficients in Pythagorean fuzzy environment with applications	International Journal of Intelligent Systems Wiley Periodicals Inc., HOBOKEN, USA, NJ (Online) ISSN No.: 1098-111X Dol: https://doi.org/10.1002/int.22222	Volume:35 Issue No.:4 Year:2020 Page Nos.: 682-717	SCI (Expanded) Impact factor: 10.312
34.	1. Abdul Haseeb Ganie, 2. Surender Singh, 3. P. K. Bhatia	Some new correlation coefficients of picture fuzzy sets with applications	Neural Computing and Applications Springer London Ltd, LONDON, ENGLAND (Online) ISSN No.: 1433-3058 Dol: https://doi.org/10.1007/s00521-020-04715-y	Volume: To be assigned Issue No.: Year:2020 Page Nos.: 1-17	SCI (Expanded) Impact factor: 4.774
35.	1. Surender Singh. 2. Sonam Sharma	Generalized Correlation	International Journal of Fuzzy Systems	Volume:22 Issue No.: 5	SCI (Expanded)

	3. Sumita Lalotra	Coefficients of Intuitionistic Fuzzy Sets with Application to MAGDM and Clustering Analysis	Springer Heidelberg, HEIDELBERG, GERMANY (Online) ISSN No.: 2199-3211 Dol: https://doi.org/10.1007/s40815-020-00866-1	Year:2020 Page Nos.: 1582-1595	Impact factor: 4.406
36.	1. Sumita Lalotra 2. Surender Singh	Knowledge measure of hesitant fuzzy set and its application in multi-attribute decision-making	Computational and Applied Mathematics Springer Heidelberg, HEIDELBERG, GERMANY (Online) ISSN No.: 1807-0302 Dol: 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
37.	1. Surender Singh 2. Sonam Sharma	On Generalized Fuzzy Entropy and Fuzzy Divergence Measure with Applications	International Journal of Fuzzy System Applications IGI Global Publishing, USA (Online) ISSN No.: 2156-1761 Dol: 10.4018/IJFSA.2019070102	Volume:8 Issue No.:3 Year:2019 Page Nos.: 47-69	SCOPUS Impact factor: NA
38.	1. Surender Singh 2. Sonam Sharma	On Generalized Intuitionistic Fuzzy Knowledge Measure and its Application in MADM using Combined Weights	International Journal of Recent Technology and Engineering Blue Eyes Intelligence Engineering & Sciences Publication, INDIA (Online) ISSN No.: 2277-3878 Dol: 10.35940/ijrte.B2186.078219	Volume:8 Issue No.:2 Year:2019 Page Nos.: 1536-1542	SCOPUS Impact factor: NA
39.	1. Surender Singh 2. Sonam Sharma	Concept of certainty in residual life of a system	AIP conference Proceedings AIP Publishing, USA (Online) ISSN No.: 1551-7616 Dol: https://doi.org/10.1063/1.5122600	Volume: 2142 Issue No.: Year:2019 Page Nos.: (170003)1-5	SCOPUS Impact factor: NA
40.	1. Surender Singh 2. Sumita Lalotra	On Some Knowledge Measures of	Cybernetics and Information	Volume: 20 Issue No.: 1	SCOPUS

3. Abdul Haseeb
Ganie

Intuitionistic
Fuzzy Sets of
Type Two with
Application to
MCDM

Technologies
Institute of
Information and
Communication
Technologies,
Bulgarian Academy of
Sciences, Sofia Bulgaria
(Online)

Year: 2019
Page Nos.: 3-
20

Impact
factor: NA

ISSN No.: 1314-4048

Dol: 10.2478/cait-
2020-000

7.4 Conferences/Workshops/Seminars/Short term Courses/FDPs/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	Organizing agency	Who presented as Invited lecture/ Resource person / Keynote speaker/ Paper presented/ Plenary speaker	National/ International (abroad)/ International (within the country)/ State/ University
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 Dr. V.K. Bhat	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 Dr. V.K. Bhat	International Malarden University, Vasteras, Sweden
3.	Issues and Challenges in Intelligent Computing Techniques (ICICT), 27-28 September 2019,	A Multi-Gait Dataset for Human Recognition under Occlusion Scenario	KIET Gaziabad	Participated Dr. Uday Pratap Singh	International

4.	4th International Conference on Information Systems and Computer Networks (ISCON), 21-22, Nov. 2019	Radial Basis Function Neural Network for the Segmentation of Plant leaf disease	GLA Mathura	Participated Dr. Uday Pratap Singh	International
5.	4th International Conference on Information Systems and Computer Networks (ISCON), 21-22 Nov. 2019	A Data Repository of Leaf Images: Practice towards Plant Conservation with Plant Pathology	GLA Mathura	Participated Dr. Uday Pratap Singh	International
6.	International Conference on Communication and Electronics Systems (ICCES), 17-18 July 2019,	A deep learning approach for the classification of diseased plant leaf images	PPG Institute of Technology Coimbatore, India	Participated Dr. Uday Pratap Singh	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 Dr. Uday Pratap Singh	National
8.	International Conference on Analysis and its Applications, Organized by Department of Mathematics, 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" Dr. Uday Pratap Singh	International
9.	International Conference on Communication and Electronics Systems (ICCES), 17-18 July 2019,	Plants Leaf Segmentation using Bacterial Foraging Optimization algorithm	PPG Institute of Technology Coimbatore, India	Participated Dr. Uday Pratap Singh	International
10.	International Webinar on Covid-19 (23 rd -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	Dr. Uday Pratap Singh	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
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	NA	Jammu University	Attended Dr. Kuldip Raj	National
18.	27 th Conference on Computer Networks (CN 2020), June 23-24, 2020,	NA	Silesian University of Technology, IEEE	Session Chair Dr. Rakesh Kumar	International (abroad)
19.	11 th International conference on Operations Research for Sustainable Development, February 1-2, 2020	Queuing Systems with Customers' Impatience and Retention	Operational Research Society of Nepal and Janapriya Multiple Campus, Pokhara, Nepal	Plenary Speaker and Session Chair Dr. Rakesh Kumar	International

20.	National Mathematics Research Scholar Meet from 20 th -22 nd August, 2019	Mathematical Modeling of Queuing Systems	Jammu Mathematical Society and University of Jammu	Invited lecture and Session chair Dr. A. K. Das	National
21.	International conference on Mathematics in Space and Applied Sciences during 29 th -30 th November, 2019	Mathematical Models and Applications of Queuing Systems	NSCBM Government Degree College, Hamirpur, H. P., India, NBHM, DRDO	Invited lecture Dr. A. K. Das	International
22.	4 th National Conference on Recent Trends in Mathematical Sciences in association with International Academy of Physical Sciences during 13 th 14 th December, 2019	Transient Solutions of Queuing Models	International Academy of Physical Sciences and SMVDU	Invited lecture Dr. A. K. Das	National
23.	National Workshop on Applications of Analysis, 24-28 February, 2020.	Transient Analysis of Queuing Models	University of Jammu	Invited lecture Dr. A. K. Das	National
24.	National level One day Workshop (webinar) 12 th June, 2020	Queuing with retention of impatient customers	Hindustan College of Engineering and Technology (Affiliated to Anna University Chennai)	Keynote Speaker Dr. Udhay Pratap Singh	National
25.	2019 MTMI International Conference on Emerging Issues in Business, Technology and Applied Sciences 20 th 22 nd 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 Dr. Suriender Singh	International

7.5 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.	4 th National Conference on Recent Trends in Mathematical Sciences (NCRTM-2019), 13 th -14 th 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 13 th -14 th December 2019	Dr. Uday Pratap Singh Dr. Surender Singh Dr. Sandeep Sharma	Convener Co-ordinator Organizing Secretary	Shri Mata Vaishno Devi University in Association with IAPS	National
3.	4 th National Conference on Recent Trends in Mathematical Sciences (NCRTM-2019) 13 th -14 th 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 (NCRTM-2019) 13 th -14 th December 2019	Dr. Kuldip Raj	Member, Organizing Committee and delivered an invited talk on the topic "Multiplication operators on Cesaro Sequence spaces"	International Academy of Physical Sciences and SMVDU, Katra	National
5.	4 th National Conference on Recent Trends in Mathematical Sciences in association with International Academy of Physical Sciences 13 th -14 th December, 2019	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,	Dr. Rakesh Kumar	Program Committee Member	Lviv Polytechnic National University, Ukraine	International
7.	International conference on Mathematics in Space and Applied Sciences during 29-30 November, 2019 23 rd -25 th December, 2019	Dr. Rakesh Kumar	Advisory Committee Member	NSCBM Government Degree College, Hamirpur, NBHM (Mumbai), DRDO (New Delhi)	International
8.	27 th Conference on Computer Networks (CN 2020), June 23 rd - 24 th , 2020	Dr. Rakesh Kumar	Program Committee Member	Silesian University of Technology, IEEE	International

7.6 Ph.D. Guided 2019-2020:

Sl. 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 (I6DCS006)	Dr. Uday Pratap Singh (Co-supervisor)	Plant Leaves Disease Segmentation and Classification using Soft Computing Approaches	Awarded
2.	J.P. Singh (I6DCS001)	Dr. Uday Pratap Singh (Co-supervisor)	Multi-Gait Occlusion Reconstruction and Identification using Hybrid-NN	Awarded
3.	Ms. Charu Sharma (I5DMT001)	Main Supervisor: Dr. Kuldeep Raj	Difference sequence spaces and weighted composition operators	Awarded
4.	Mrs. Renu Anand (I4DMT002)	Main Supervisor: Dr. Kuldeep Raj	A study of certain sequence spaces and matrix transformations	Awarded
5.	Ms. Sapana Sharma (I5DMT003)	Main Supervisor: Dr. Rakesh Kumar	A Transient Study of Queues with Impatience and Retention	Awarded
6.	Ms. Anu Choudhary (I6DMT001)	Main Supervisor: Dr. Kuldeep 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
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7.7 Students' Achievement:

Sl. No.	Name of the student	Entry No.	Achievement & Title of the Event with dates	Institution, organized the Event
I.	Ms. Vasundhra Anand	I8MMM04I	Placement In Infosys Company 2019	SMVDU, Placement Drive 2019

SCHOOL OF PHYSICS

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

2. **Faculty Profile:**

Sl. No.	Name of the Faculty Member	Designation	Specialization
1.	Dr. Ashok Kumar Sharma	Professor	Space Physics, Astronomy, Seismology and thin films
2.	Dr. S.K. Wanchoo	Associate Professor	Geophysics, Electronics, TEL
3.	Dr. Yugal Khajuria	Associate Professor	Atomic and Molecular Physics
4.	Dr. Jitendra Sharma	Assistant Professor	Materials Science
5.	Dr. Kamni	Assistant Professor	Materials Science/X-ray Crystallography
6.	Dr. Vivek Kumar Singh	Assistant Professor	Laser and Spectroscopy
7.	Dr. Ram Prakash	Assistant Professor	Materials Science
8.	Dr. Pankaj Biswas	Assistant Professor	Electronics Materials Science
9.	Dr. Surender Pratap (Left in Jan.2020)	Assistant Professor	Theoretical Condensed Matter Physics
10.	Dr. Onkar Nath Verma (till 7.6.2020)	Assistant Professor	Electronics and Experimental Condensed Matter Physics

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

Batch	Admitted Students		
	Male	Female	Total
2019 Entry	16	29	45

4. **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

5. 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.	Ionosphere and Its Influencing Phenomena & 30 August, 2019	Ionosphere and Its Influencing Phenomena	School of Physics	Invited lecture Prof. Dinesh Sharma	University Manav Rachna University
2.	States and Phases of Matters & 16 September, 2019	States and Phases of Matters	School of Physics	Invited lecture Prof. Yashwant Singh	University BHU
3.	Kinetics of Phase Transitions & 08 November, 2019	Kinetics of Phase Transitions	School of Physics	Invited lecture Prof. Sanjay	University Pun; JNU

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

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	I4DPH001
2.	Sumara Khursheed	Dr. Jitendra Sharma	I4DPH005
3.	Brijbir Singh Jaswal	Dr. Vivek K. Singh	I4DPH003

7. Information About Each Faculty

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

Sl. No.	Title of the Project	Funding Agency	Sanctioned Amount (Rs)	Duration	Name of Project PI/Co-PI	Status
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_2O_3 thin films (PR-82)	DAE CSR, Indore	8,83,360/-	4 years (May, 2015 to March 2019)	PI- Dr. Ram Prakash	Completed
3.	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	--

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

Sl. No.	Title	Authored/Co-authored (Mention all authors)	Name of the publisher Indicate National or International	ISBN No. Year of publication
1.	Facile Synthesis of Nano-Diced SnO_2 - ZnO Composite by Chemical Route for Gas Sensor Application	K.S. Pakhare, B.M. Sargar, S.S. Potdar, A.K. Sharma, and U.M. Patil	Journal of Electronic Materials	ISSN: 0361-5235 (Print) 1543-186X (Online) 2019

2. Vein Width Measurement of Groundwater on Earth's Surface Using Semiconductor LASER Light and Proton Precession Magnetometer
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
Journal of Applied Geophysics
ISSN: 0926-9851 2019
3. Synthesis, Computational studies of molecular structure and vibrational spectra of 2-amino-4-(4-nitrophenyl)-4H-pyrano-[3,2-h]quinolines
P. Kour, A. Kumar, A. Uppal, Y. Kahjuria, and V.K. Singh
Journal of Applied Spectroscopy
86:666(1-10) (July-August 2019)
4. Application of WD-XRF and FTIR for human tooth analysis
V.K. Singh, S. Sharma, M. Sharma, N. Sharma, J. Sharma, and P.K. Rai
Spectroscopy
32(12):23-31 (2019)
5. Studying Gallstones and Kidney Stones with WDXRF
V.K. Singh
Spectroscopy
34(s11):20-24 (2019)
6. Feasibility of quantitative analysis of Mg and Ca in edible salts using a simple laser-induced breakdown spectroscopy device
H. Kim, Y. Jeon, W. Lee, S.H. Nam, S.H. Han, K.S. Ham, V.K. Singh, and Y. Lee
Applied Spectroscopy
73:1172-1182 (2019)
7. Structural and spectral studies of MgZnO:Cr³⁺ nanophosphors prepared by combustion synthesis
P. Rajput, P. Biswas, V.K. Singh, and Kamni
Applied Physics A
125:793 (1-10) (2019)
8. Investigation of molecular and elemental changes in rice grains infected by false smut disease using FTIR, LIBS and WDXRF spectroscopic techniques
N. Sharma, Kamni, V.K. Singh, S. Kumar, Y. Lee, P.K. Rai, V.K. Singh
Applied Physics
126:122, pp. 1-12 (2020)
9. Analysis of stones formed in the human gall bladder and kidney using advanced spectroscopic techniques
V.K. Singh, B.B.S. Jaswal, J. Sharma, P.K. Rai
Biophysical Reviews
12:647-668 (2020)

10. Anomalous magnetic properties of Fe₃O₄ nanostructures on GaAs substrate probed using X-ray magnetic circular dichroism
D.M. Phase, G. Panchal, R. Rawat, S. Tiwari, Ram Prakash, D. Jain, R.J. Choudhary
Journal of Magnetism and Magnetic Materials 282 (2019) 296-300. (SCI, Impact Factor = 2.717) DOI: <https://doi.org/10.1016/j.jmmm.2019.03.041>
11. Synthesis and effect of Dy³⁺ doping on vibrational and luminescent properties of Mg₂Zn(PO₄)₂
R. Mahajan, Ram Prakash
Journal of Materials Science: Materials in Electronics 31 (2020) 3861–3868 (2020). (SCI, Impact Factor = 2.195) DOI: <https://doi.org/10.1007/s10854-020-02931-9>
12. Effect of Sm³⁺ doping on optical properties of Mg₂P₂O₇ and Mg₃P₂O₈ phosphors
R. Mahajan, Ram Prakash
Materials Chemistry and Physics, (2020) 246, 122826 (2020). (SCI, Impact Factor = 3.408) DOI: <https://doi.org/10.1016/j.matchemphys.2020.122826>
13. Application of WDXRF and FT-IR for Human Tooth Analysis
Vivek K. Singh, Shikha Sharma, Mahima Sharma, Neha Sharma, Jitendra Sharma, and Pradeep K. Rai
Spectroscopy 34, 23–31 (2019)
14. Phosphor Polymer Nanocomposite: SrAl₂O₄:Eu²⁺, Dy³⁺ Embedded PMMA for Solid-State Applications
Sumara Khursheed, Gulzar Ahmad Sheergojri, and Jitendra Sharma
Materials Today: Proceedings 21, 2096–2104 (2020). DOI: <https://doi.org/10.1016/j.matpr.2020.01.329>
15. Structural and spectral studies of MgZnO:Cr³⁺ nanophosphors prepared by combustion synthesis
Preasha Rajput, Pankaj Biswas, Vivek K. Singh, Kamni
Applied Physics A (2019) 125:793
16. The structural and spectral study of LiSrVO₄:Tb³⁺ phosphor for UV-shifted imaging devices
Pankaj Biswas, Vinay Kumar, Kamni
Materials Today: Proceedings 28 (2020) 1018–1023.
17. Synthesis, structural and spectral studies of MgZnO:Mn²⁺ nanoparticles. AIP Conference Proceedings
Preasha Rajput, Parul Sharma, Arushi Gupta, Sunanda Sharma, Pankaj Biswas, and Kamni
2220, 020020.

7.3 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) 6 th 10 th January, 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 Prof Ashok Kumar Sharma	National
2.	National Workshop on "Advances on Thermoelectric Energy Conversion Devices & Its Applications" 28 th -29 th November, 2019	Advances on Thermoelectric Energy Conversion Devices & Its Applications	SMVD university, Katra	Attended Prof Ashok Kumar Sharma	State
3.	Prospective of Interdisciplinary Research in Science and Technology in the Present Scenario" an international webinar 15 th -16 th May, 2020	Prospective of Interdisciplinary Research in Science and Technology in the Present Scenario	Department of Physics, Ch. Charan Singh University Meerut, India	Attended Prof Ashok Kumar Sharma	International
4.	International Workshop on Space Science"organized online (Webinar) from 18 th - 21 st May, 2020	International Workshop on Space Science	Space Education & Research Foundation, Ahmedabad and dept of Physics R K University, Rajkot	Attended Prof Ashok Kumar Sharma	International

- | | | | | | |
|----|--|---|--|---|----------|
| 5. | Online Short Term Training Pogram on Bio-energy: Technologies and Transitions, from 18 th -22 nd May, 2020 | Training Pogram on Bio-energy: Technologies and Transitions | Organized jointly by NIT, Kurukshetra & Govt. Engg. College, Bikaner under TEQIP-III | Attended Prof Ashok Kumar Sharma | National |
| 6. | Two days National Webinar on “E-content creation and E-learning through MOOCS” on 29 th -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 Prof Ashok Kumar Sharma | National |

Dr. Vivek K. Singh

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 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 from	Attended	University
2.	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	“Detection and Quantification of Trace Minerals in Medicinal Plants using LIBS and ICP-OES Techniques”	(PITTCON-2020)	Paper Presenter	International
3.	2020 Pittsburgh Conference & Exposition on Analytical Chemistry and Applied Spectroscopy	“Minerals Analysis and Classification of Edible Salts using LIBS	(PITTCON-2020)	Paper Presenter	International

	(PITTCON-2020) at the McCormick Place Convention Center in Chicago, USA during March 1-5, 2020	Coupled with Multivariate Analysis Methods"			
4.	TEQIP-III sponsored 1 st International Conference on "Advancement of Engineering Sciences (AES-2019) & 28-29, September, 2019	"X-Ray Photoelectron Spectroscopy of Gallstones"	Organized by School of Electronics and Communication Engineering, SMVD University, Katra, J&K	Paper Presenter	International
5.	TEQIP-III sponsored National Workshop on "3D Printing for New product Development" on 13 September, 2019	"3D Printing for New product Development"	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 (NCRTMS-2019)" in Association with International Academy of Physical Sciences (IAPS) & 13-14 th December, 2019	"Recent Trends in Mathematical Sciences-2019 (NCRTMS-2019)"	School of Mathematics, Shri Mata Vaishno Devi University, Katra, J&K	Chair a Session	National
7.	One week "Professional Development Training Programme for Faculty & Administrators of Project Institutions" 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	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)	Attended FDP	National
8.	One week Faculty Development Program on "Energy and Power Systems" From 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 Shor-term course & Workshop (NA)	Organizing agency	Who presented as Invited lecture/ Resource person/Keynote speaker/Paper presenter/ Plenary speaker Or Simply Attended	National/ International (abroad)/ International (within the country)/ State/ University
1.	International conference on 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
2.	4 th National Conference on Recent trends in Mathematical Sciences (NCRTMS 2019), 13-14 December 2019.	Recent trends in Mathematical Sciences(NCRTMS 2019)	School of Mathematics. SMVDU	Chaired a Technical Session	National
3.	“Optimization of 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.	Optimization of Deposition Parameter Of Cr Doped Eu ₂ O ₃ Thin Filmse	Department of Physics, Govt. Engineering College Bikaner Rajsthan	Paper Presenter	International
4.	“Structural and Luminescent properties of Europium Activated Orthophosphate Phosphor” in 64th DAE Solid State Physics	Structural and Luminescent properties of Europium Activated Orthophosphate Phosphor	Department of Physics, IIT Jodhpur, Rajasthan	Paper Presenter	

	Symposium (DAE SSPS-2019) during 18-22 December, 2019.				
5.	“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
6.	Faculty Development Program under on “Energy and Power system” & 5th -9th August, 2019.	Energy and Power system	SMVDU, Katra (J&K)	Attended	National
7.	Swayam ARPIT Online course Certification on Referresher course on teacher and techning in Higher Educatin, with a “C” grade in proctored examination held on 16 Th Febuary 2020.	Refereshers course on teacher and techning in Higher Educatin	Swayam ARPIT Online course Certification	Attended	Online Course
8.	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 Jabalpur, and Department of Physics, Central University of Rajasthan	Attended	National Webinar Series

Dr. Onkar Nath Verma

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.	I st International Conference on Advancement of Engineering Sciences (AES2019) from 28-29th September 2019	X-ray photoelectron spectroscopy of gallstones in I st international conference on advancement of engineering sciences	SMVD University, Katra.	Paper Presenter	International
2.	Electroding effect on the conductivity of iso-valent doubly doped LaAlO ₃ in 6 th ICRTAET 2019 from 17 th -18 th January, 2020	Electroding effect on the conductivity of iso-valent doubly doped LaAlO ₃	SMVD University, Katra	Paper Presenter	International
3.	Workshop on Arduino 8 th February 2020	NA	IIT Bombay under PMMMNMTT 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 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.	“Faculty Development Program on Energy & Power Systems” 5 th to 9 th August 2019	Energy & Power Systems	School of Energy Management, SMVDU, Katra	Attended	University
2.	“One Day Workshop on Linux”, 23 rd August, 2019	Workshop on Linux	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.	TEQIP-III sponsored “National Workshop on 3D Printing for New Product Development” on 13 th September, 2019	3D Printing for New Product Development	School of Mechanical Engineering, SMVDU, Katra	Attended	University
4.	“Faculty Development Program on Energy Simulations” from 4 th -8 th November, 2019	Energy Simulations	School of Energy Management, SMVDU, Katra	Attended	University

5.	“Rare Earth Ions Doped Phosphor-Polymer Nanocomposites” in 2020 Pittsburgh Conference & Exposition on Analytical Chemistry and Applied Spectroscopy (PITTCON-2020) 1 st - 5 th March, 2020	2020 Pittsburgh Conference & Exposition on Analytical Chemistry and Applied Spectroscopy (PITTCON-2020)	Chicago, Illinois, USA	Paper Presenter	National
6.	“6 th International Conference on Recent Trends and Advancements in Engineering and Technology”, 17 th – 18 th January 2020	Recent Trends and Advancements in Engineering and Technology	Held at SMVDU, Katra	Chair a Session	International
7.	“SPS SOFT MATTER MEETING-2019” 13 th November 2019	SPS-Soft Matter Meeting-2019	School of Physical Sciences, Jawaharlal Nehru University, New Delhi	Chair a Session	National
8.	“DYNAMICS DAY – XIII”, 16 th November 2019	Dynamics Day – XIII	IIT Delhi	Chair a Session	National

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
I.	“The Structural and Spectral Study of LiSrVO ₄ :Tb ³⁺ Phosphor for UV-shifted Imaging Devices” in IMMT 2019 20-22 November 2019	The Structural and Spectral Study of LiSrVO ₄ :Tb ³⁺ Phosphor for UV-shifted Imaging Devices	Department of Mechanical Engineering, BITS Pilani Dubai-Campus, Dubai, UAE	Paper Presenter	International

2.	“Role of Soft Skills in Effective Classroom Management” from 19-23 Aug., 2019	Role of Soft Skills in Effective Classroom Management	School of Languages and Literature at SMVDU, Katra, J&K	Attended	University
3.	“Theoretical Mechanics” under SWAYAM-NPTEL July-Sept., 2019	Theoretical Mechanics	SWAYAM-NPTEL	Attended	National
4.	A Pre-Conference Short Course on “Recent Developments in Non-Local Material and Structural Models” 19 Nov. 2019	Recent Developments in Non-Local Material and Structural Models	Department of Mechanical Engineering, BITS Pilani Dubai-Campus	Attended	International
5.	2 nd International Conference on Recent Advances in Materials & Manufacturing Technologies (IMMT 2019) during 20-22 Nov. 2019	Recent Advances in Materials & Manufacturing Technologies (IMMT 2019)	BITS Pilani Dubai campus	Attended	International
6.	“One day Workshop on Linux” under PMMMNMIT 23 August 2019	One day Workshop on Linux	IIT Bombay	Attended	National
7.	“eSim a First Course in the IoT Series for Teachers” under PMMMNMIT on 21 September 2019	eSim a First Course in the IoT Series for Teachers	IIT Bombay	Attended	National
8.	Passed the NPTEL Online Certification 12 week course on “Introduction to Photonics” during Jan-Apr 2020	Introduction to Photonics	NPTEL Online Certification	Online	National
9.	AICTE Training and Learning (ATAL) Academy Online FDP “Robotics” 25-29 May 2020	Robotics	NIT Jamshedpur	Attended	National
10.	“One day Coordinators Workshop on Arduino” Jan. 18, 2020	One day Coordinators Workshop on Arduino	IIT Bombay	Attended	National

11.	“One day Coordinators Workshop on R’ under PMMMNMIT 12 October 2019	One day Coordinators Workshop on R’ under PMMMNMIT 12 October 2019	IIT Bombay	Attended	National
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7.4 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.	“One Day Workshop on R” under PMMMNMIT on 9 th Nov. 2019	Dr. Pankaj Biswas	Course Coordinator	organized by IIT Bombay	University
2.	“One Day Workshop on Arduino” under PMMMNMIT on 8 th Feb., 2020	Dr. Pankaj Biswas	Course Coordinator	organized by IIT Bombay	University

7.5 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 I4DPH001	Dr. Yugal Khajuria	Thesis entitled “Structural Spectroscopic and Thermal Properties of Organic Molecules: Experimental and Theoretical Studies	NA
2.	Ms. Sumara Khursheed I4DPH005	Dr. Jitendra Sharma	Thesis entitled “Synthesis and Characterization of Rare Earth Ions Doped Phosphor-Polymer Nanocomposites: Luminescence and Related Studies”.	NA
3.	Brijbir Singh Jaswal I4DPH003	Dr. Vivek K. Singh	Thesis entitled “Spectroscopic Analysis of Gallstones and Kidney Stones and Related Studies”	NA

SCHOOL OF BIOTECHNOLOGY

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

2. **Faculty Profile:**

S. No.	Name of the Faculty Member	Designation	Specialization
1	Prof. V. Verma	Proffessor	Plant Cytogenetics& Molecular biology
2	Dr. Sharada M. Potukuchi	Associate Prof. & Head ,SoBT	Plant Tissue Culture & Genetic Engineering
3	Dr. Ratna Chandra	Associate Prof.	Plant Genetic Engineering, BtTransgenics
4	Dr. Anil Kumar	Assistant Prof.	Organic Chemistry
5	Dr. Preeti Sharma	Assistant Prof.	Microbial Biotechnology & Environmental Science
7	Dr. Shafaq Rasool	Assistant Prof.	Microbiology & Biotechnology
8	Mr. Parvez S. Slathia	Assistant Prof.	Bioinformatics & Biofuels
9	Mr. ArvindYadav	Assistant Prof.	Biochemical Engineering
10	Dr. Indu Bushan	Assistant Prof.	Biochemistry & Biotransformation
11	Dr. Vinod Singh	Assistant Prof.	Immunology
12	Dr. Swarkar Sharma	Assistant Prof.	Genetics and Genomics of Human Disorders, Next Generation Sequencing
13	Dr. EktaRai	Assistant Prof.	Molecular Genetics of Human Disorders, Diabetes
14	Dr. Rakesh Kumar	Assistant Prof.	Cancer Biology DNA Damage Response
15	Dr. RajuShankarayan	Assistant Prof.	Biochemical Engineering & Biotechnology
16	Dr. NarenderBairwa	Assistant Prof.	Biotechnology & Genetics

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

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

4. **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

5. 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

6. 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

7. Information About Each Faculty

7.1 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 (In Lakhs)	Role performed: Investigator/ Co-investigator	Date of commencement and date of completion
1.	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
2.	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
3.	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
4.	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

5.	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
6.	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
7.	Engineering of the Insulin-producing pro-biotic 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

8.	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
9.	Exploring the potential of probiotic bacteria as a potential source of phytate degrading enzymes and bacteriocin production	Major	Department of Biotechnology, Govt. of India	37.09	Dr. Preeti Sharma, PI/ Mr. Parvez S. Slathia, Co-PI	2014-2018
10.	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
11.	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
12.	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

13.	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
14.	Human Genetic Diversity and Evolutionary Perspectives of Type 2 Diabetes Susceptibility in Indian Populations	Minor	University Grants Commission, Govt. of India	6.0	Dr. Swarnkar Sharma, PI	2014-2016
15.	Exploring Myxobacteria from the state of Jammu and Kashmir for novel enzymes and secondary metabolism	Major	Department of Science & Technology, Govt. of India	19.63	Dr. Shafaq Rasool, PI	2010-2013
16.	Strengthening of Botanical Garden	Major	Ministry of Environment and Forest, Govt. of India	13	Dr. Dheeraj Vyas, PI	2007-2008
17.	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

18.	Fermentative production of lactic acid from Mahua flowers	Major	TRIFED, New Delhi	14.95	Prof. V. Verma, PI	2007-2009
19.	Development of DNA fingerprints in selected medicinal plants	Minor	Dabur India Limited, Ghaziabad	5.0	Prof. V. Verma, PI	2007-2010
20.	Organocatalytic asymmetric Mannich/Intra molecular cyclization as formal [3+2] cycloaddition: One-pot synthesis of substituted pyrrolidine ring systems	Minor	University Grants Commission, Govt. of India	9.0	Dr. Anil Kumar, PI	2011-2014
21.	DST Special Package for J&K	Major	Department of Science & Technology, Govt. of India	97.4	Prof. V. Verma, Coordinator	2009-2014
22.	UGC SAP DRS-I	Major	University Grants Commission, GOI	64.75	Prof. V. Verma, Coordinator, Dr. Sharada M. Potukuchi, Dy. Coordinator	2011-2016
23.	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
24.	Exploring Microbial Diversity & Mining Novel Hydrolases from Brackish	Major	Council of Scientific and Industrial Research, Govt. of India	34.0	Dr. Shafaq Rasool, PI	2012-2015

	Water Lakes of Ladakh Region by Metagenomic Approach					
25.	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
26.	Cell and tissue engineering of in vitro cultures of Bacopamoni (L.)	Major	University Grants Commission, Govt. of India	13.71	Dr. Sharada M. Potukuchi, PI	2012-2015
27.	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
28.	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
29.	Scientific Innovation and Intellectual Property Rights	Minor	DST-JK (Workshop)	1.0	Dr. Rakesh Kumar, PI	2017

30.	International Conference Grant	Minor	Department of Science & Technology, Govt. of India	0.75	Dr. Indu Bhushan	2019
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TOTAL GRANTS

1934.81 (Completed & Ongoing)

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	InduBhushan, 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 Roy Choudhury and Durgesh Kumar Tripathi	John Wiley & Sons Ltd. International	9781119463665 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	Zero Waste: Management Practices for	Ashok K. Rathoure	CRC Press, USA International	9780429059247 2019

	Hazardous Waste Management Vidushi Abrol, Manoj Kushwaha, Nisha Sharma, Sundeep Jagln and Sharada Mallubhotla	Environmental Sustainability			
04	Efficiency Enhancement of Renewable Energy Systems Using Nanotechnology, Neelu Raina, Preeti Sharma, Parvez Singh Slathia, Deepali Bhagat, Atin Kumar Pathak	Nanomaterials and Environmental Biotechnology	Indu Bhushan, Vivek Kumar Singh, Durgesh Kumar Tripathi	Springer International	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)
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 Bacopamoni (L.)	Engineering in Life Sciences 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 Bacopamonnieri (L.) Wettst	3 Biotech ISSN:2190-5738	IO: 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 Dol: 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 Whether main author- Yes	Dilute acid pretreatment of pine needles of Pinus roxburghii by response surface methodology for bioethanol production by separate hydrolysis and fermentation	Biomass Conversion and Biorefinery ISSN- 2190-6823 Dol: https://doi.org/10.1007/s13399-019-00433-1	Volume: 10 Year:2020 Page Nos: 95-106	SCI E Impact Factor- 2.6
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 Pediococcus acidilactici strain SMVDUB2 isolated from traditional fermented cheese product, Kalarei. (I-II)	Nature Scientific Reports ISSN- 2045-2322 Dol: 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 Pinus roxburghii 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 Imapct Factor- 0.934
07	Deepali Bhagat, Parvez Singh Slathia, Neelu Raina, Preeti Sharma Whether main author- Yes	<u>Production of phytase from Lactobacillus paracasei strain and its probiotic profile.</u>	Indian Journal of Experimental Biology Imapct 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	Insilico screening and molecular dynamics simulation study to identify novel potent inhibitors against Mycobacterium tuberculosis DnaG Primase	Acta Tropica Imapct 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 2. Shamshad Ahmad	Algal-based biofuel generation through flue gas	Biomass Conversion and Biorefinery,	(2019), 1-24	SCI, Impact Factor- 2.326

	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	and wastewater utilization : a sustainable prospective approach,	Springer-Verlag GmbH Germany, part of Springer Nature ISSN- 21906815, 21906823, https://doi.org/10.1007/s13399-019-00533-y			
10	Freda Lalrohlu, Varun Sharma, Indu Sharma, Hemender Singh, Guneet Kour, Surbhi Sharma, Yuman, John Zohmingthanga, Vanlalhruii, Ekta Rai, Vinod Singh, Nachimuthu Senthil Kumar & Swarkar Sharma Whether main author- No	MACFI 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 Lalrohlu, Varun Sharma, Indu Sharma, Shruti Sharma, TasmeenJaved 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/ Inter-national (abroad)/ Inter-national (within the country)/ State/ University
01	Seminar on 'Sustainable Living : An Environmental Challenge'	Role of microbes in sustainable development	GCW, Parade, Jammu	Plenary Speaker Dr. Preeti Sharma	State
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.	-	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	-	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, and SMVDU, Katra</u>	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 biorefinery approach	Institute of bioorganic chemistry polish academy of sciences	Poster presentation Mr. Parvez Singh Slathia	International (Poland)
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.	Dr. Indu Bhushan Dr. Sharada M. Potukuchi Dr. Rakesh Kumar	Convener Co-convener Co-convener	SMVDU Katra and supported by DST, Gol	International
02	World Congress on Reproductive Health with focus on Reproductive Cancers, Intertility and Assistade Reproduction from 214- to 16 th Feb'2020	Dr. Rakesh Kumar Dr. Sharada M. Potukuchi Dr. InduBhushan	Convener Co-convener Co-convener	SMVDU Katra supported by DST, DST SERB, CSIR, MCI JKDST	International

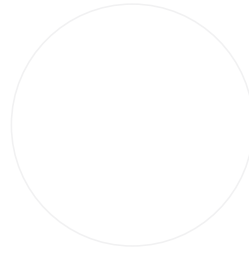
9.6 Ph.D. Guided 2019-2020

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 Co-supervisor: Vinod Singh	Identification and Evaluation of Type 2 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	ArshiaAngural	Supervisor: Dr. Swarkar Sharma Co-supervisor: Dr. V.Verma	Indentification and Genetic Charaterization of Rare Human Genetic Disorders in Consanguineous Population of Jammu and Kashmir.	--
04	Supriya Hakeem	Supervisor: Dr. Preeti Sharma Co-supervisor: Dr. Ratna Chandra	Computaional Study on Interaction of Selected Enzymes and Inhibitors for Drug Design against Mycobacterium tuberculosis.	--
05	Dr. VarunPratap Singh	Supervisor: Dr. Ram Vishwakarma,C SIR-IIIM, Jammu Co-supervisor: Dr. Anil Kumar	Isolation and Synthesis of Small Peptide of Microbial Origin and Lead Optimization of Bioactive Peptide.	--
06	Dr. PrateekKour	Supervisor: Dr. Anil Kumar	Multi-component Strategy for the Synthesis of Pharmaceutically Active N- and O-Hetercyclic Compounds.	--
07	Dr. Verruchi Gupta	Supervisor: Prof. V.Verma Co-supervisor: Dr. ShafaqRasool	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, IIIT Delhi Co-supervisor: Dr. Shafaq Rasool		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.



FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LANGUAGES AND LITERATURE

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

2. **Faculty Profile:**

Sl. No.	Name of the Faculty Member	Designation	Specialization
1.	Dr. Amitabh Vikram Dwivedi	Head	Linguistics
2.	Dr. Anurag Kumar	Assistant Professor	African American Literature
3.	Dr. Isha Malhotra	Assistant Professor	Gender Studies, Cultural Studies

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

M.A.	Ph.D.
Masters of Arts in English	

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

Batch	Admitted Students		
2019 Entry	Male	Female	Total
	3	21	24

5. **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	1	11	12

6. Extension Lectures Delivered by Outside 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.	One day “Matrabhasha Diwas” (International Mother Language Day) 24 th Feb. 2020	Poetry recitation and story telling	SMVDU	Mr. Prakash Premi Dr. Adarsh Mr. Jagdeep Dubey Dr. R. L. Bhat Dr. Virendra Bangroo	National
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

7. 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

8. Information About Each Faculty

8.1 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
I.	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

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

For paper

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.: Dol: (ISSN or Dol)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
I.	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://hrcak.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://sersc.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 Feminist Rethink the Neoliberal State: Inequality, Exclusion and Change by Leela Fernandes *Capital & Class* p. 487 <https://doi.org/10.1177%2F0309816819871829b> <https://journals.sagepub.com/doi/abs/10.1177/0309816819871829b> SCOPUS
7. Parul Priya & Dr. 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
8. Dr. Isha Malhotra Terrorism as a Media Specific Event: Performative Frames of Uri and Pulwama Reportage in Indian News Media *Media Watch* ISSN 0976-0911 | F-ISSN 2249-8818 DOI: 10.15655/mw/2020/v11i1/49763 SCOPUS

8.3 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 Dr. Amitabh V. Dwivedi	State
2.	Workshop on "Researching Indigenous Languages: Methods and Practices" at ICOIL-2 15 February 2020	NA	IIT Madras	Participation Dr. Amitabh V. Dwivedi	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 Dr. Amitabh V. Dwivedi	International
4.	ICOIL-2 2 nd International Conference on Indigenous Languages: Towards Sustainable Multilingualism 15 February 2020	NA	IIT Madras	Chaired a Session Dr. Amitabh V. Dwivedi	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 Dr. Amitabh V. Dwivedi	National
6.	International Webinar on "Postcolonial Negotiations: History, Literature and Culture" 03-05 June 2020	NA	Department of English, SKB University	Participation Dr. Amitabh V. Dwivedi	International

7.	Two day Multidisciplinary Online National Conference on “The Impact of Globalization on Contemporary Literature, Education, Environment and Society” 26 and 27 May 2020	How meaning is constructed in a text?	VVM's Arts and Commerce College, Akkalkuwa Distt. Nandurbar	Lecture Dr. Amitabh V. Dwivedi	National
8.	Post-Pandemic Rejuvenation of Higher Education: A Global Perspective 05 June 2020	NA	Baburaoji Gholap College. Maharashtra	Session Chair Dr. Amitabh V. Dwivedi	National
9.	IQAC 43 rd Webinar 2 nd June 2020	Text, Textuality & Discourse	Government Arts and Commerce College, Bharuch	Invited Talk Dr. Amitabh V. Dwivedi	National
10.	National Webinar on “Research Methodology” 21 st 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 Dr. Amitabh V. Dwivedi	National
11.	Two-day International Web Conference On “The Role of Literature in the Time of Crisis Like Coronavirus Pandemic”, 2020	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 Dr. Amitabh V. Dwivedi	International
16.	Seven-day Research Methodology Workshop, 2020	NA	Centre for Culture, Media & Governance, Jamia Millia Islamia, New Delhi, Supported by University Grants Commission, Under Centre with Potential for Excellence in a Particular Area (CPEPA), New Delhi.	Attended	National

8.4 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, 20 th 21 st January, 2020	Dr. Anurag Kumar Dr. Amitabh V. Dwivedi	Convener, Coordinator	SMVDU	National
2.	National Congress on Matrabhasha Divas (International Mother Language Day) 24 th February, 2020	Dr. Anurag Kumar Dr. Amitabh V. Dwivedi	Convener, Coordinator	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
5.	One week National Workshop on “Role of Soft Skills in Effective Classroom Management” under TEQIP-III 25 th Sept. 2019	Dr. Amitabh V. Dwivedi	Coordinator		National
6.	Two day National Doctoral Student Conclave 19 th Sept. 2019	Dr. Amitabh V. Dwivedi	Coordinator		University
7.	National Education Day	Dr. Amitabh V. Dwivedi	Coordinator		University

8.5 Ph.D. Guided 2019-2020:

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

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	Specialization
1.	Dr. Anil Kumar Tewari	Assistant Professor and Head	Indian Philosophy, Buddhism
2.	Mr. Sumanta Sarathi Sharma	Assistant Professor	Logic and Greek Philosophy
3.	Dr. Madhu Mangal Chaturvedi	Assistant Professor	Philosophy of Mind

3. Details of Research Scholars:

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

4. 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.	Induction program about NSS 21-09-2019	Social cause, responsibilities and the NSS	IIT Jammu	Sumanta S. Sharma as a Plenary 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 Inter-disciplinary Discourse 28-29 February 2020	Human Rights & Fundamental Rights: A Comparative Study	BSSS Bhopal	Sumanta S. Sharma as a Resource Person	National

5.1 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	Title of paper	Name of the Journal: Publisher & Location: (Online) ISSN No.: Dol: (ISSN or Dol)	Volume: Issue No.: Year: Page Nos.:	Specify: Peer-reviewed UGC listed Journal Indexed Journals SCI & SCOPUS Impact factor: (if available)
I.	1. Madhu Mangal Chaturvedi 2. A.V.R. Sarma	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

5.2 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
I.	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 Chaturvedi 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, Udhampur, 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 Prāṇik Mechanism (With special reference to Abhinavagupta’s Tantrasār)	Department of Philosophy, Nava Nalanda Mahavihar, Bihar	Dr. Madhu Mangal Chaturvedi as an Invited Lecture	International
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, Udhampur, 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, Udhampur, J&K	Sumanta S. Sharma as Resource Person	State

Board of Cultural Activities

Talent Hunt

BCA organized Talent Hunt for all first year students. In this, students had opted for various genres to showcase their talent. These genres included photography, dance, song, musical instruments, dramatics, speech and debate, literary, etc. Auditions were organized and coordinated by student coordinators and volunteers. The selected first year students were performed in Concordance, scheduled later.

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 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 week 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 university premises. The focus is 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 awareness campaign and Prof. D. Mukhopadhyay (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, had organized various activities under 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. Students 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 under the supervision of Mr. Sumanta S. Sharma, Faculty Coordinator, NSS and Dr. Madhu M. Chaturvedi Faculty Coordinator, Vikalp. Students of SMVDU had already participated in a comprehensive ban of 'single use plastic' in 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 Vice Chancellor, Prof. (Dr.) Ravindra Kumar Sinha (Padma Shri), 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) in which 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 was the 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 and interactive, 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 was conducted at Shri Mata Vaishno Devi University from 22-27 July 2019 for first year students. It was 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 including 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 participated who were 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 was sponsored by TEQIP-III, and was coordinated by Dr. Balbir Singh (Associate Professor, SoME) and Mr. Sumanta S. Sharma (Faculty Coordinator, NSS).

Special Lectures on Mind Matters (26 & 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.

Blood Donation (All through the month)

NSS at SMVDU encourages 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.

NSS Report

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, and the need to embrace the use of cloth bags. It had started 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. The Vice Chancellor , Padma Shri Prof. (Dr.) Ravindra Kumar Sinha motivated students, staff and faculty members to stop using these products in the campus, 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, the NSS along with the support of TEQIP-III organized cloth bags distribution campaign in the adjacent villages of the university in 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 Vice Chancellor, Prof. (Dr.) Ravindra Kumar Sinha (Padma Shri) congratulated the team for this holistic effort and vowed more such activities in the coming days.

NSS Report for the month of September-October 2019

Two Day Clean Vaishno Devi Yatra organized by SMVDU



CLEAN VAISHNO DEVI YATRA MISSION-2

स्वच्छ वैष्णो देवी यात्रा अभियान - 2

10TH EDITION OF SAVE THE TRIKUTA MOUNTAINS

Organized By

INTERNATIONAL VOLUNTEER FOUNDATION

In Collaboration With

SHRI MATA VAISHNO DEVI UNIVERSITY, KAKRYAL



Shri Mata Vaishno Devi University and Shri Mata Vaishno Devi Shrine Board in collaboration with International Volunteer Foundation (IVF) organized a 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 was 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), 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 appealed 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**



BOARD OF SPORTS ACTIVITIES OF SMVD UNIVERSITY

I. 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:

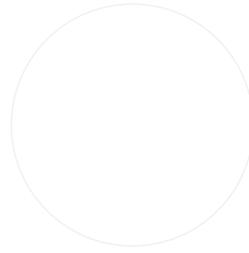
Volleyball – 1 st	Badminton (Men) – 2 nd
Chess (Men) – 1 st	Table tennis (Women) – 2 nd
Cricket – 2 nd	Basketball – 2 nd



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)



CENTRES/CELL/CENTRAL

CENTRAL LIBRARY

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



I. Library Timings:

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

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

2. Library Membership:

All the students and employees of the university are eligible for membership of the Library. The registered members are issued bar-coded library membership cards. The categories of the Library members are students, faculty, staff and research scholars. At present, Library is catering to the information needs of more than 1,800 users with the help of its trained professionals.

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

3. Library Staff Members:

Sl. No.	Name	Designation
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 eShodhSindhu Digital Library Consortium, INFLIBNET, and also to subscription based e-resources from various suppliers and renowned publishers.

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

Sl. 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?
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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 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 :

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 antiplagiarism software & EBSCO.
4. The 2nd National Level Essay Writing Competition has been organized by the Library in the year 2019.

Results of the 2nd National Level Essay Writing Competition year 2019

Sl. 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)

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|----|---|---|-------------------------|
| 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)

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|----|---|---|--------------------|
| 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 Infflibnet Centre | 18 June, 2020 |

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|----|---|-------|---------------|
| 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)

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|----|---|---|---------------------|
| 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 in 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

The Publication and Media Cell is responsible for bringing out all university publication and also for coverage of news in print and live media of all the university events and activities. The Cell strives for timely sending of the press release/ news drafts of all relevant events to the leading media agencies, local as well as national. The Cell is also responsible for all promotional activities such as advertisements, editorials and other write-ups.

1. The Publication and Media Cell publishes following documents
2. Annual Report of the University
3. Bi-annual Chronicle of campus events
4. University Profile
5. Students Magazine – Pratibimb

Additionally, the Cell has also taken initiative to bring out Faculty Profile, Institutional Social Responsibility and Ph.D. Handbook, this year.

University Website Section

1. Latest designed, dynamic and responsive University website, fully designed in-house by the University website Section was launched on 10th April 2017 by the Hon'ble Chancellor of the University, coinciding with the meeting of Executive Council of the University
2. An updated version of the On-Line Admission Application Submission System was developed in-house by the University Website Section and was launched at the commencement of the Admission Process for Session 2017-18
3. The Online Payment Gateway, designed, developed & managed in-house, was re-launched with updated user friendly features to facilitate users to pay online
4. The in-house designed, developed & managed application for Automation of Salary Slip Generation and Distribution Process was re-launched with additional user-friendly features.
5. Automation of 2016 Recruitment Process, In-house Development and Management - Online Recruitment Application

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 on campus. Beside this, the section also provides a one roof, one stop solution for communication needs of all members of SMVDU family by organizing "SIM MELA", a unique interface between all service providers of JK and SMVDU members. The campus is covered under 4 G services from JIO and process for Wi-fi from the direct fiber is in process

The Telecommunication Section is committed to serve the SMVDU and its members with latest technology and services as per the international standards in future also. The section aims to maintain high standards of QoS.

TRAINING AND PLACEMENT CELL



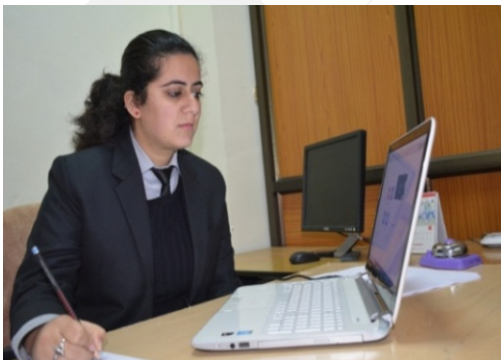
Shri Mata Vaishno Devi University has established a Training & Placement Cell consisting of student coordinators, faculty coordinators, T&P officer and staff members. The Training & Placement Cell assists in Summer Training and Campus Placements for the graduating students at SMVDU. Training & Placement Officials and 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 Recruitment Drive



Student Receiving Campus Offer Letter of Berger Paints India Ltd.



Online Interview- In Process



Campus Recruitment Team of IFB Ltd.



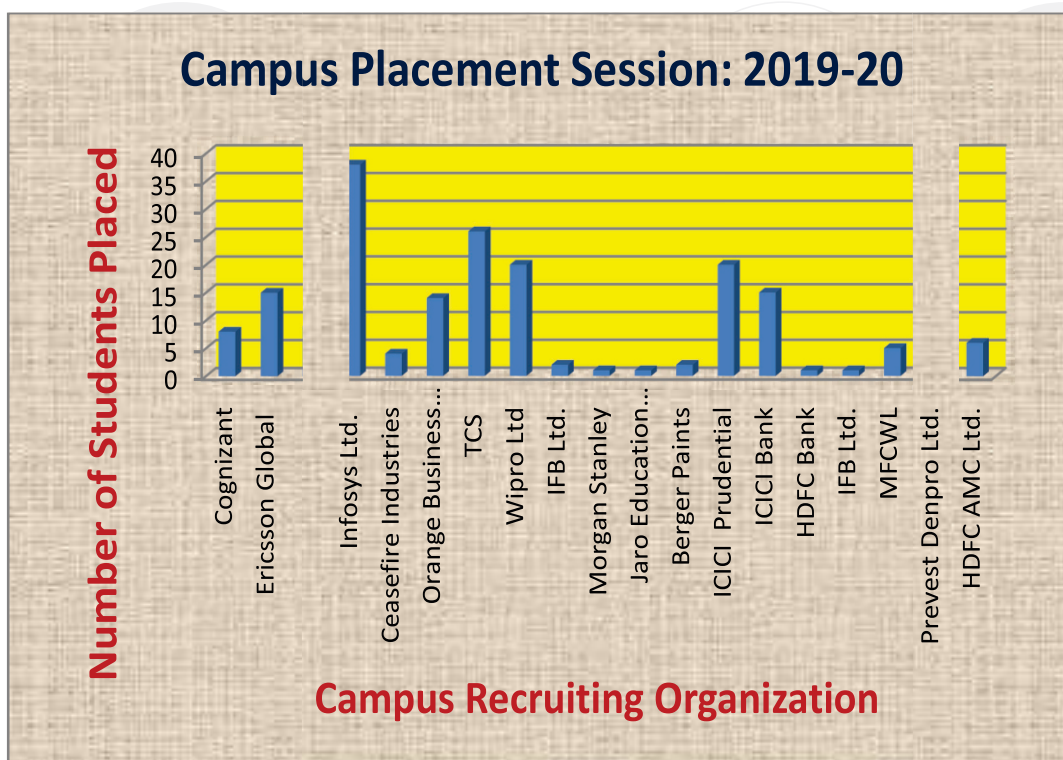
Ericsson India Campus Team with HVC



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.

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.





7th Managing council meeting of SMVDU Technology Business incubation Centre held at SMVDU campus, Katra on 14th February 2020.

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 Kerela. Professionals involved in promoting innovation, entrepreneurship and research attended the conference and brainstormed on various topics like Incubation Support, Product Development, Idea support etc.

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 Gol. 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 – 1st 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)

TBIC:



Workshop on High Performance Computation Servers



Kargil Diwas celebrated at SMVDU



Visit to DIC Jammu by SMVDU TBIC



Smart India Hackathon 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

BioTHON 2020

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

Apply at www.smvdutbic.org

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
TECHNOLOGY BUSINESS INCUBATION CENTRE

presents

RISE

Research & Innovation for Social Empowerment

We can help you in
Technology Business Development

**JOIN
&
SHARE
YOUR
QUERIES**

Every **Friday**
11:00 HRS
on
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Live & Exclusive

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Launch of 100 startups JK by HVC, SMVDU

SMVDU-TBIC
Supported by DST

100 StartUPS J&K

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

Launched By
Prof. Dr. S. K. Singh
Honorable Vice-Chancellor
Shri Mata Vaishno Devi University
Katra, Jammu & Kashmir
June 5th, 2020

Powered by
NIDHI PRAYAS
NSTEDB
NIDHI PRAYAS
INSTITUTION'S INNOVATION COUNCIL
IIC SMVDU

Ecosystem Partner
Intellectual Property Assistance
K&S
YADASTRA
Mentorship Partner
A&E

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2nd Floor, B-C Junction
SMVDU Campus, Katra
Jammu and Kashmir,
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**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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INSTITUTION'S INNOVATION COUNCIL
IIC SMVDU

Academic Block, 2nd Floor B-C Junction,
SMVDU Campus Kakryal, Katra, J&K-182 320
Call: +91-1991-285524 Extn. No.: 2920 | +91-1991285560


Email: smvdu.tbic@smvdu.ac.in
@smvdutbic

Workshop on IP basics in association with BIRAC






Supported by DST



**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:



Date: 12th June 2020





Time: 11:00 AM - 12:00 PM

To Apply visit: www.smvdutbic.org

Academic Block, 2nd Floor B-C Junction,
SMVDU Campus Kakaryal, Katra, J&K-182 320

Call: +91-1991-285524 Extn. No.: 2920 | +91-1991285560

Email: smvdu.tbic@smvdu.ac.in

@smvdutbic

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





Supported by DST, Govt

**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:



Date: 26th June 2020

Time: 2:00 PM - 03:00 PM

To Apply visit: www.smvdutbic.org

Academic Block, 2nd Floor B-C Junction,
SMVDU Campus Kakaryal, Katra, J&K-182 320

Call: +91-1991-285524 Extn. No.: 2920 | +91-1991285560

Email: smvdu.tbic@smvdu.ac.in






@smvdutbic

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

Faculty Joined/Resigned (1st August, 2019 – 31st July, 2020)

1. Dr. Simran Preet Kaur, Assistant Professor who was appointed on Contractual basis in School of Language & Literature has resigned from the services of SMVD University on dated 10th December, 2019.
2. Dr. Ashok Kumar Tarai, Assistant Professor who was appointed on regular basis in School of Philosophy & Culture was relieved from the services of SMVD University on dated 18th November, 2019.
3. Mr. Amit Verma, Assistant Professor who was appointed on contractual basis at School of Energy Management was relieved from the services of SMVD University upon their completion of Contract on 29th May, 2020.
4. Ms Shaivya Manhas, Assistant Professor who was appointed on contractual basis at School of Energy Management were relieved from the services of SMVD University upon their completion of Contract on 29th May, 2020.
5. Ar. Astha Thappa, Assistant Professors who was appointed on contract basis at School of Architecture & Landscape Design was relieved from the services of SMVD University upon their completion of contract on 29th May, 2020.
6. Ar. Gaurav Kumar Mishra, Assistant Professors who was appointed on contract basis at School of Architecture & Landscape Design was relieved from the services of SMVD University upon their completion of contract on 29th May, 2020.
7. Dr. V Verma, Professor, School of Biotechnology, SMVD University was relieved from the services of SMVD University upon his completion of contract on 31st May, 2020.
8. Dr. Onkar Nath Verma, Assistant Professor who was appointed on Contract basis at School of Physics was relieved from the services of SMVD University upon his completion of contract on 5th June 2020.
9. Mr. Akshay Mann, Assistant Professor who was appointed on contractual basis under Project TEQIP-III in School of Electronics & Communication Engineering has resigned from the services of SMVD University on 1st July, 2020.
10. Dr. I.K. Pandita, Professor, School of Mechanical Engineering, SMVD University was relieved from the services of SMVD University on 3rd January 2020.
11. Mr. Mayurvarshney, Assistant Professor who was appointed on contractual basis under Project TEQIP-III in School of Electronics & Communication Engineering has resigned from the services of SMVD University on 25th November, 2019.
12. Dr. Surender Pratap, Assistant Professor, School of Physics was relieved from the services of SMVD University on dated 14th January, 2020.
13. Dr. Ravi Parihar appointed as Assistant Professor on Contractual basis in School of Languages & Literature on 8th November, 2019.



Annual Accounts & Audit Report 2019-20

ANNUAL ACCOUNTS AND AUDIT REPORT 2019-20 ¹
SMVDU

SHRI MATA VAISHNO DEVI UNIVERSITY
BALANCE SHEET AS ON 31ST MARCH 2020

ANNUAL ACCOUNTS AND AUDIT REPORT 2019-20 2

SMVDU

BALANCE SHEET AS ON 31ST MARCH 2020

PARTICULARS	SCHEDULE NO.	(₹)	(₹)
		BALANCE AS ON 31.03.2019	BALANCE AS ON 31.03.2020
SOURCES OF FUNDS			
Capital Funds			
Corpus Fund	A	253,368,039	253,368,039
Capital Grant	B	1,340,858,962	1,537,217,000
Capital Reserves	C	630,281	630,281
General Fund	D	442,165,189	302,301,455
Bank Overdraft		40,942,421	-
TOTAL		2,077,964,912	2,093,516,775
APPLICATION OF FUNDS			
Fixed Assets			
Net Block (As Per Written Down Value)	E	1,746,630,586	1,613,773,176
Capital Advances & Capital Work in Progress		63,188,894	229,596,156
Investments			
Employees Provident Fund\Gratuity		343,312,928	434,452,114
(A) Current Assets, Loans & Advances			
Cash & Cash Equivalents	F	432,219,473	480,604,360
Sundry Receivables	G	52,579,045	10,203,061
Investments in Subsidiaries	H	756,510	788,753
Pre-payments & Advances	I	7,311,839	6,815,917
(B) Current Liabilities & Provisions	J	492,866,866	498,412,091
Net Current Assets (A-B)		568,034,362	682,716,761
		(75,167,496)	(184,304,670)
TOTAL		2,077,964,912	2,093,516,776

Significant Accounting Policies and Notes to Accounts forms the integral part of the Balance Sheet

Significant Accounting Policies :

Annexure-1

Notes to Accounts :

Annexure-2

"This is the Balance Sheet as per our report of even date attached"

Amarjeet Singh & Co
Membership No. 088679



(Signature)
Vice-Chancellor

(Signature)
Registrar

(Signature)
Finance Officer



**INCOME AND EXPENDITURE ACCOUNT FOR THE
YEAR ENDING 31ST MARCH 2019**

PARTICULARS	SCHEDULE	(₹)	(₹)
		BALANCE AS ON 31.03.2019	BALANCE AS ON 31.03.2020
INCOME			
<i>Fee From Students:-</i>			
Tution Fees & Other Fees	K	236,940,158	263,991,279
		-	-
		236,940,158	263,991,279
Interest on Fixed Deposits, Bonds and others	L	21,558,907	19,691,922
Grant in Aid from Shri Mata Vaishno Devi Shrine Board			
Grant in Aid From JK Govt	M	220,000,000	165,000,000
Misc. Receipts		1,664,000	50,000,000
		12,860,225	13,528,246
TOTAL		493,023,290	512,211,447
EXPENDITURE			
Employees' Remuneration & Benefits	N	310,680,528	346,517,412
Facilities & Other Costs	O	67,022,270	43,511,821
General & Administrative expenses	P	120,856,417	99,670,542
Depreciation on Fixed Assets	E	117,229,813	161,526,569
Loss from SMVDU Gas Agency		757,043	93,356
Interest on OD Facility		2,507,652	755,181
Fees and Taxes		3,071,093	-
TOTAL		622,124,818	652,075,181
EXCESS OF INCOME OVER EXPENDITURE		(129,101,528)	(139,863,734)

Significant Accounting Policies and Notes to Accounts forms the integral part of the
Income & Expenditure Account

Significant Accounting Policies :

Annexure-1

Notes to Accounts :

Annexure-2

"This is the Income & Expenditure Account as per our report of even date attached"

Amarjeet Singh & Co
Membership No. 088679



(Signature)
Vice-Chancellor

(Signature)
Registrar

(Signature)
Finance Officer



**SCHEDULES (CORPUS FUND, CAPITAL GRANT FROM
SMVDSB, CAPITAL GRANT FROM J&K GOVT.)**

SCHEDULE:-A

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31.03.2019	BALANCE AS ON 31.03.2020
<u>CORPUS FUND</u>		
Corpus Fund from SMVDSB	200,000,000	200,000,000
Shrine Board- As per last Account		
Infosys Fondation Prize for excellence	500,000	500,000
Bharti Arian Chair SMVDU	50,000,000	50,000,000
Ramesh Irene Jolly Scholarship Corpus	2,868,039	2,868,039
Sub-Total	253,368,039	253,368,039

SCHEDULE:- B

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31.03.2019	BALANCE AS ON 31.03.2020
<u>CAPITAL GRANT FROM SMVDSB (A)</u>		
(Specific Purpose) For creation of fixed assets		
Opening	933,272,000	1,324,674,982
Addition	391,402,982	173,358,018
<u>CAPITAL GRANT FROM J & K GOVT.(B)</u>	16,184,000	39,184,000
Sub-Total(A+B)	1,340,858,982	1,537,217,000

SCHEDULES (CAPITAL RESERVES, GENERAL FUND)

SCHEDULE:-C

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31.03.2019	BALANCE AS ON 31.03.2020
<u>CAPITAL RESERVES</u>		
Capital Reserve	630,281	630,281
Sub-Total	630,281	630,281

SCHEDULE:-D

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31.03.2019	BALANCE AS ON 31.03.2020
<u>GENERAL FUND</u>		
Opening Balance	556,147,773	442,165,189
Add : Adjustment Group Gratuity Fund	15,118,944	-
Add: Excess of Income over Expenditure for the year	(129,101,528)	(139,563,734)
Sub-Total	442,165,189	302,301,455

ANNUAL ACCOUNTS AND AUDIT REPORT 2019-20

SMVDU

8

SCHEDULE FIXED ASSETS AS ON 31.03.2020

Schedule E											
Particulars	Rate of Dep.	As on 01.04.2019	GROSS BLOCK			Total as on 31.03.2020	DEPRECIATION			NET BLOCK	
			Additions		Deducti on		Upto 31.03.2019	For the year	Total as on 31.03.2020	As on 31.03.2020	As on 31.03.2019
			First Half	Second Half							
Block A 5%											
Building Residential	0.05	392,217,690	-	4,013,793	-	396,231,485	102,589,869	14,581,736	117,171,605	279,059,880	289,627,821
Block B 10%											
Building other than Residential	0.10	1,566,086,255	-	-	-	1,566,086,255	602,851,767	96,351,854	699,203,621	866,882,634	963,234,488
Boundary Walls, Internal roads, Campus Electrification & other allied works	0.10	262,592,784	284,048	4,029,978	-	266,906,810	100,266,558	16,434,122	116,700,680	150,206,131	162,326,226
Block C 10%											
Furniture & Fixture	0.10	96,815,242	810,071	3,186,962	-	100,812,275	51,458,681	4,776,011	56,234,692	44,577,583	45,356,561
Furniture & Fixture (Auditorium)	0.10	8,514,680	-	-	-	8,514,680	3,874,202	264,048	6,138,250	2,376,430	2,640,478
Electric Fittings	0.10	55,298,353	2,220,592	3,956,476	-	61,475,421	37,694,222	2,180,296	39,874,518	21,600,903	17,604,131
Block D 15%											
Office Vehicles	0.15	14,411,223	-	-	-	14,411,223	10,399,400	601,773	11,001,173	3,410,050	4,011,823
Office Equipment	0.15	35,800,600	2,358,045	753,046	-	38,911,691	22,518,721	2,402,467	24,921,188	13,990,503	13,281,879
Genset	0.15	792,017	-	-	-	792,017	731,809	9,031	740,840	51,177	60,208
Inverter	0.15	140,026	-	-	-	140,026	124,710	2,297	127,007	13,019	15,316
Transformer	0.15	240,344	-	-	-	240,344	466,634	8,204	473,838	46,485	34,690
Workshop Equipments	0.15	21,515,116	-	-	-	21,515,116	18,451,027	459,613	18,910,640	2,604,476	3,064,089
Laboratory Equipments	0.15	95,159,325	753,102	999,725	-	96,912,152	62,823,904	5,038,258	67,862,162	29,049,990	32,335,421
Laboratory Equipments (UGC)	0.15	46,030,125	-	-	-	46,030,125	25,548,745	3,072,207	28,620,952	17,409,173	20,481,380
Const. Equipment at Site	0.15	675,638	-	-	-	675,638	627,007	7,295	634,302	41,336	48,631
Internal Communication System and Equipments	0.15	31,180,279	-	9,770	-	31,190,049	22,480,534	1,305,695	23,786,229	7,403,821	8,699,745
Medical /Sports Equipments	0.15	1,023,602	485,650	-	-	1,509,252	411,702	164,633	576,335	932,918	611,900
Audio/Visual System (Auditorium)/Security	0.15	3,581,554	223,700	56,270	-	3,861,524	2,631,261	180,319	2,811,580	1,049,944	950,293
Water Supply system	0.15	40,979,687	-	-	-	40,979,687	20,409,987	3,085,455	23,495,442	17,484,245	20,569,700
Canteen Equipments & Facilities	0.15	1,932,087	-	88,400	-	2,020,487	1,118,219	128,710	1,246,929	773,558	813,868
Electric Installation	0.15	49,977,956	-	-	-	49,977,956	22,054,135	4,188,573	26,242,708	23,735,248	27,923,821
AC Plant Auditorium	0.15	6,965,449	-	-	-	6,965,449	5,835,269	169,527	6,004,796	960,653	1,130,180
Block E 40%											
Computer Equipments	0.40	52,052,029	229,497	1,001,810	-	53,283,336	49,304,790	1,391,056	50,695,846	2,587,490	2,747,239
Computer Equipments (UGC)	0.40	13,467,944	-	-	-	13,467,944	7,850,606	2,246,935	10,097,541	3,370,403	5,617,338
Computer Software	0.40	21,908,405	813,991	1,517,547	-	24,239,943	17,798,657	2,273,005	20,071,662	4,168,281	4,109,748
Computer Software (UGC)	0.40	4,688,405	-	-	-	4,688,405	4,445,918	96,995	4,542,913	145,492	242,487
Block F 100%											
Books	1.00	22,753,207	172,380	704,305	-	23,629,892	23,156,684	121,056	23,277,740	352,153	(403,477)
Books & Journals (UGC)	1.00	5,536,788	-	-	-	5,536,788	5,536,788	-	5,536,788	-	-
Sports Material	1.00	1,574,334	-	-	-	1,574,334	1,574,334	-	1,574,334	-	-
Pre Fabricated Huts	1.00	-	-	-	-	-	-	-	-	-	-
Kitchen Utensils	1.00	-	-	-	-	-	-	-	-	-	-
Mis. Tools	1.00	-	-	-	-	-	-	-	-	-	-
Website	1.00	-	-	-	-	-	-	-	-	-	-
Kitchen Equipment	1.00	-	-	-	-	-	-	-	-	-	-
Class Room Tools	1.00	-	-	-	-	-	-	-	-	-	-
Books (PDA)	1.00	29,201	-	-	-	29,201	43,802	(14,601)	29,201	-	(14,601)
Block G 0%											
Land	-	119,489,202	-	-	-	119,489,202	-	-	-	119,489,202	119,489,202
Total		2,973,709,527	8,351,076	20,318,084	-	3,002,378,687	1,227,078,942	161,526,569	1,388,605,511	1,613,773,176	1,746,630,585
Add: CWIP											
28,669,160											
166,407,262											
195,076,422											
Capital Advances & Capital Work in Progress											
For Construction Works											
For Electricity											
For Tube Well/Water Supplies											
For Civil Material											
For Electrical Material											
For Building Accomodation Married Scholars											
For Building Sports Indoor Complex											
For Building New Academic Bloc											
For TBIC Building in university premises											
Total											
869,432											
229,596,156											
Grand Total											
1,843,369,332											
1,809,819,479											

SCHEDULES (CASH & CASH EQUIVALENTS, SUNDRY RECEIVABLES)

SCHEDULE:-F

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31.03.2019	BALANCE AS ON 31.03.2020
<u>CASH & CASH EQUIVALENTS</u>		
Cash In Hand	3,242	40,302
Bank Balances		
Project Bank Accounts	21,817,259	40,875,111
JK Bank A/C 1302	5,179,480	1,936,943
JK Bank A/C 353	3,678,474	3,085,837
JK Bank SB-23-GRANT IN AID	26,856,538	33,328,193
JK Bank A/C No.0477010100000161 (Govt Grant)	-	32,076,487
JK Bank UGC Grant A/c-1655	178,110	8,962
JK Bank SB-29 (SMVDU RETENSION MONEY) A/c		53,324,559
JK Bank 0477040520000005	89,696	171,489
JK Bank 0477040520000003 Hostel	1,178,790	504,379
JK Bank 0477040520000001 Bharti	9,843	5,506
JK Bank 3254 TEQIP	5,629,649	1,806,309
OBC-SB A/C -13	1,431	-
OBC-STUDENT FEE 12822151000051	975	-
SBI Saving A/c 46381	23,433	24,192
JK Bank 0477040520000002 FOREX A\C	2,926,986	6,306
JK Bank 0477040520000007	-	7,480
HDFC BANK A/C-50100012428549	2,362,569	4,315,201
JK Bank-2828 (Student Welfare)	2,343,842	318,574
Fixed Deposits in Banks	329,786,893	307,522,187
JK BANK NON RECURING SB 3019	30,152,264	1,246,344
Sub-Total	432,219,473	480,604,360

SCHEDULE:- G

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31.03.2019	BALANCE AS ON 31.03.2020
<u>SUNDRY RECEIVABLES</u>		
Fee Receivable from Students	7,152,051	8,856,254
Other Receivables	1,154,012	1,346,807
Grants Receivable from Shrine Board	44,272,982	-
Sub-Total	52,579,045	10,203,061

**SCHEDULES (INVESTMENTS IN SUBSIDIARIES,
PRE-PAYMENT & ADVANCES)**

SCHEDULE:- H

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31-3-2019	BALANCE AS ON 31.03.2020
<u>Investments in Subsidiaries</u> SMVDU GAS AGENCY	756,510	788,753
Sub-Total	756,510	788,753

SCHEDULE:- I

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31-3-2019	BALANCE AS ON 31.03.2020
<u>PRE-PAYMENTS & ADVANCES</u>		
Prepaid Exp	724,932	403,175
Security Deposit (Assets)	190,025	190,025
Other Advances (Debtor)	1,954,651	2,484,404
Advance to Staff	4,365,350	3,479,613
Tax Deduction at Source	76,881	258,700
Sub-Total	7,911,839	6,815,917

**SCHEDULES (CURRENT LIABILITIES & PROVISIONS,
FEE FROM STUDENTS)**

SCHEDULE:- J

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31-3-2019	BALANCE AS ON 31.03.2020
<u>CURRENT LIABILITIES & PROVISIONS</u>		
Sundry Creditors & Other Liabilities	26,779,090	42,183,483
Advance Fee from students	63,729,976	63,313,012
Retention Money from Contractors/Suppliers	27,389,514	29,979,399
Earnest Money Deposits from Contractors/Suppliers	4,253,633	5,261,033
Grant in Aid for R&D Projects	34,539,298	29,019,252
Deposits from Students/Refunds	19,311,515	21,060,265
Student Welfare Fund	2,840,789	4,524,923
Duties & Taxes	2,193,299	1,195,574
TDS On GST Payable	1,671,693	1,032,445
Ugc/Seminar/Workshop/Conferences	1,248,096	2,436,756
Fellowship/Consultancy/Other Grants/phd	4,707,709	5,267,200
Other Provisions	33,699,710	40,945,503
SMVDU PF TRUST FUND	343,312,926	434,452,114
Provision For Gratuity	-	-
School Faculty Lab Development Fund	1,901,613	1,754,802
Staff Security Payable	455,500	341,000
Sub-Total	568,034,362	682,716,761

SCHEDULE:- K

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31.03.2019	BALANCE AS ON 31.03.2020
<u>FEE FROM STUDENTS</u>		
Tution Fees	156,589,485	174,256,921
Yearly Fees	32,241,321	35,782,890
One Time Fees	7,767,000	8,107,500
Hostel Fees	34,669,259	37,379,458
Degree Fees	675,276	176,180
Re-registration/Exam Fees	367,600	385,406
Prospectus Fees	2,904,393	3,845,006
Other Fees Received	347,275	2,650,964
Fine Charges	100,597	583,382
Late Fees	123,907	18,062
Summer Semester Corse	421,000	63,000
Student Certificates	607,905	572,926
Library Receipts	125,140	169,585
Sub-Total	236,940,158	263,991,279

SCHEDULES (INTEREST ON FDR AND SAVING A/C)

SCHEDULE:- L

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31-3-2019	BALANCE AS ON 31.03.2020
<u>INTEREST ON FIXED DEPOSIT & OTHERS</u>		
Interest Recieved on FDR and Saving A/c	21,558,907	19,691,922
Sub-Total	21,558,907	19,691,922

SCHEDULE:- M

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31-3-2019	BALANCE AS ON 31.03.2020
<u>Misc. Receipts</u>		
License Fee	516,676	695,002
Rent from Shops, Auditorium etc.	3,082,529	2,157,778
Guest House Income	4,292,128	4,851,174
Sale of Tender documents	99,000	59,000
Transport Receipts	846,701	879,900
Affilation Fee from SMVDCoN	35,000	4,165,000
Electercity Receipts	552,118	
Water Charges	475,696	121,866
Receipts from R&D Overhead charges	855,795	323,777
Hostel and Mess Charges Projects		62,743
Grant from J&K Govt.	1,664,000	50,000,000
Consultancy Fee		46,500
Sponsorships/ Gym Receipts/Medical Receipts/Penalties etc.	2,154,581	181,980
Misc Receipts/IIT		3,526
Sub-Total	14,524,225	63,528,246

SCHEDULES (EMPLOYEES' REMUNERATION & BENEFITS, FACILITIES & OTHER COSTS)

SCHEDULE:- N

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31-3-2019	BALANCE AS ON 31.03.2020
EMPLOYEES' REMUNERATION & BENEFITS		
CPF Inspection Fees	287,318	227,508
EDLI Charges	387,957	519,891
Employer Contribution TO CPF	28,746,920	33,048,761
Employer Contribution & Leave Salary		613,677
Honararium to Guest Faculties/Fee	4,412,182	3,789,826
Medical Reimbursement/insurance	1,996,602	1,311,420
Children Education Allowance		2,133,000
Premium for Gratuity	6,815,557	7,872,707
Salary of Deputation employees	4,264,793	1,265,406
Salary of Employees on Consolidated Pay	12,758,642	11,670,797
Salary of Lien employees	1,074,422	-
Salary of Regular Employees	249,625,813	283,756,724
Special Allowance	203,099	247,695
Wages of Casual/Muster Roll Workers	107,223	60,000
Sub-Total	310,680,528	346,517,412

SCHEDULE:- O

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31-3-2019	BALANCE AS ON 31.03.2020
FACILITIES & OTHER COSTS		
Scholarship/ Assisstantship	25,899,143	15,855,027
Training& Placement Exp.	2,166,832	1,735,225
Staff/Student Welfare		
Guest House Expense	3,480,209	2,728,552
Hospitality Expenses	1,381,567	609,541
Departmental expenses	5,328,259	2,207,606
Printing & Stationery	2,363,042	1,789,645
Periodicals and E-Journals	6,957,332	3,019,611
Vehicle Running and Maintenance	5,703,629	5,170,961
Staff Uniform	36,466	84,708
Student Boards/NSS/NCC Expenses	1,987,479	1,007,607
Seminars, Convocations, Conferences & Meetings	5,363,303	3,534,667
Affiliation, Alumni & Membership Fee	2,670,401	1,097,978
Prize Medals\ PDA	3,684,579	4,436,486
Hostal and Common Hall Facilities		234,207
Sub-Total	67,022,270	48,511,821

SCHEDULES (GENERAL & ADMINISTRATION EXPENSES)**SCHEDULE:-P**

PARTICULARS	(₹)	(₹)
	BALANCE AS ON 31.03.2019	BALANCE AS ON 31.03.2020
<u>GENERAL & ADMINISTRATIVE EXPENSES</u>		
Advertisement & Publicity\Admission	8,714,481	6,210,716
Electricity Charges	24,681,099	19,603,813
Water Supply Charges	967,425	538,170
Miscellaneous expenses	855,879	164,175
Insurance of Buildings/Equipments	934,100	1,493,456
Bank Charges	79,708	58
Legal & Professional Charges	413,000	312,000
Late fee GST		16,133
Rent- PRO Office	467,754	240,432
Repair & Maintenance	20,362,393	10,226,985
Security Services Charges	19,568,594	19,925,225
Sanitation & cleaning	36,970,065	35,815,351
Postage, Telephones & Internet Charges	992,345	875,268
Travelling and Conveyance	3,524,574	2,729,060
Host Institution Contribution to SMVDU-TBIC	2,000,000	1,000,000
Audit Fee	325,000	520,000
Sub-Total	120,856,417	99,670,842

SHRI MATA VAISHNO DEVI UNIVERSITY

ANNEXURE 1

SIGNIFICANT ACCOUNTING POLICIES:

1.1 Accounting Convention:

The Financial Statements have been prepared in accordance with applicable Accounting Standards issued by the ICAI and on the basis of the historical cost basis unless otherwise stated and confirm to the statutory provisions and practices.

1.2 Use of Estimates:

The presentation of financial statements requires estimates and assumptions to be made that affect the reported amount of Assets and Liabilities on the date of the Financial Statements and the reported amount of Revenues and Expenses during the reporting period. Difference between the actual result and the estimates has been recognized in the period in which the results are known / materialized.

1.3 Recognition of Revenue & Expenses:

- a) The financial statements have been prepared in accordance with AS-9 "Revenue Recognition" issued by ICAI and revenue has been booked on the accrual basis of Accounting.
- b) Revenue in respect of fees received from student is recognized over the period of the course.
- c) The Expenditure on Lab consumables has been charged off to Revenue in the year of purchase.
- d) Unforeseen Income/Expenses have been accounted for in the year of receipt/payment.

1.6 Investments:

It was reported by Management that all investments for the year has been valued at the cost and no diminution in the value has been reported.

1.7 Taxation:

No provision for taxation is created as the expenditure is more than the income. Moreover the University enjoys the tax exemption under section 10 of the Income Tax Act 1961.

1.8 Foreign Exchange Transaction:

- i) Transactions in foreign currency are recorded at the exchange rates prevailing at the time of the transaction.
- ii) Foreign currency monetary items (cash, receivables, payables etc.) are reported at the closing rate on the date of Balance Sheet and difference, if any, is considered as exchange fluctuation gain or loss and transferred to Income & Expenditure Account.

1.9 Shri Mata Vaishno Devi Shrine Board- Grant:

Any Grant received from Shri Mata Vaishno Devi Shrine Board for general purpose has been treated as revenue receipt in Income & Expenditure Account.

1.10 Other Policies:

Accounting policies not referred to otherwise are consistent with Generally Accepted Accounting Policies (GAAPs).

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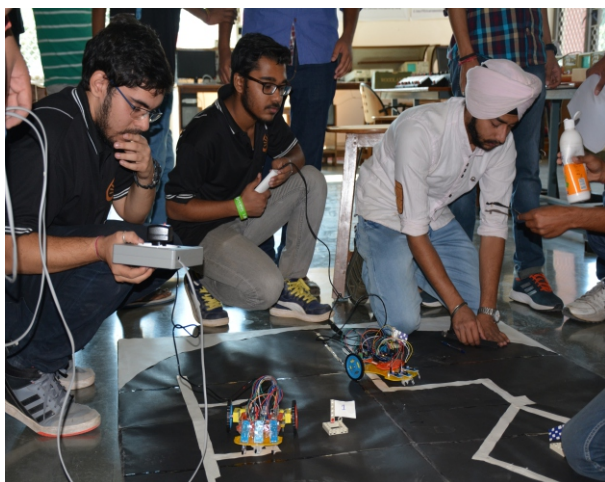
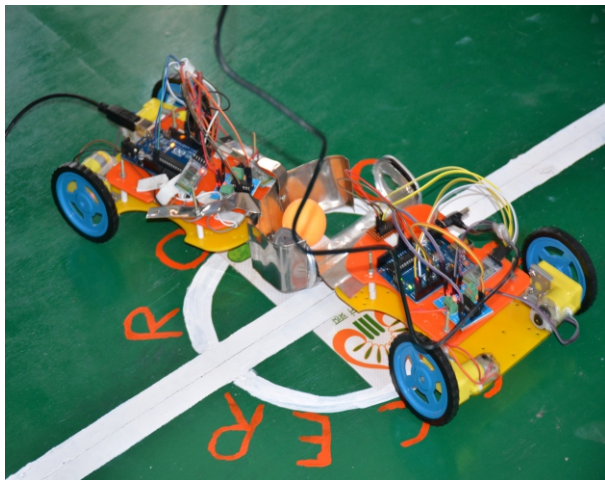
Accounting policies not referred to otherwise are consistent with Generally Accepted Accounting Policies (GAAPs).

Students' Activities

Students' Activities



Students' Activities



Students' Activities



Students' Activities



Students' Activities







Students' Activities





विज्ञानं ब्रह्म

SHRI MATA VAISHNO DEVI UNIVERSITY KATRA, J&K

