



13th ANNUAL REPORT 2016-17

SHRI MATA VAISHNO DEVI UNIVERSITY
KATRA, J&K

A State University recognized under
Sections 2(f) and 12(b) of UGC Act 1956

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SHRI MATA VAISHNO DEVI
UNIVERSITY, KATRA, J&K

MISSION

THE MISSION OF THE UNIVERSITY IS THE PURSUIT OF EDUCATION, SCHOLARSHIP AND RESEARCH AND ITS APPLICATION TO THE SOCIETY AT HIGHEST INTERNATIONAL LEVELS OF EXCELLENCE.

VISION

ESTABLISHMENT OF A SCIENTIFIC AND TECHNICAL UNIVERSITY OF EXCELLENCE TO NURTURE YOUNG TALENTED HUMAN RESOURCE FOR THE SERVICE OF INDIAN SOCIETY AND WORLD AT LARGE PRESERVING THE INTEGRITY AND SANCTITY OF HUMAN VALUES.

QUALITY POLICY

HARNESSING EXCELLENT ACADEMIC ENVIRONMENT INFUSED WITH INTEGRITY, PROFESSIONALISM AND HUMAN VALUES FOR CONTINUOUS INTELLECTUAL AND PERSONAL DEVELOPMENT THROUGH PARTICIPATIVE AND TRANSPARENT MECHANISM.

CHANCELLOR'S MESSAGE



GOVERNOR
JAMMU & KASHMIR



RAJ BHAVAN
SRINAGAR-190001

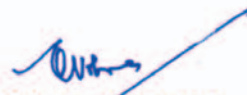
I am happy to learn that the University's Annual Report (2016-17) is being shortly brought out.

The University's Annual Report is a very important document as it does not merely record the growth achieved during the year under report but also reflects the challenges faced, the manner in which these were resolved, the major activities which are planned to be undertaken in the coming time, et al.

Shri Mata Vaishno Devi University has the unique advantage of enjoying unfettered freedom to establish a value based education system of very high standard. In the past year, the University's Executive Council has taken a number of important decisions and, interalia, authorized the Vice Chancellor, Prof Sanjeev Jain, to take all such initiatives as would take the institution rapidly forward.

I take this opportunity of complimenting the Vice Chancellor, members of Faculties, students and staff of the University for their continuing to work together and wish them high success in all their future endeavours.

3rd October, 2017
Srinagar.


(N.N. Vohra)
Chancellor

Shri Mata Vaishno Devi University

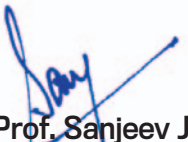
VICE CHANCELLOR'S MESSAGE



It gives me immense pleasure that we are presenting before you the Annual Report of Shri Mata Vaishno Devi University, of the academic year 2016-17. The report vouches for the efforts made by the University towards achieving excellence, implementation of the best academic practices and effective institutional management. As we provide boundless academic freedom, the results in terms of increasing publication, that too in a qualitative sense, can be seen through and through the achievements of all the departments and sections. The year witnessed certain significant achievements and milestones, such as implementation of benchmarks of performance for individual faculty members and departments, signing of Memorandums of Understanding with Reliance Jio and Gujrat Forensic Science University, raising the university ranking equivalent to NITs by Tata Consultancy Services for students' placements, establishment of 5G and IOT labs and Adobe Experience Manager lab, to quote a few. Conduct of the academic audit by an eminent committee appointed by Hon'ble Chancellor Sh. N.N. Vohra, proves to be a boon in obtaining necessary guidance and impetus for incessant progress.

The endeavour of the University administration lies in its thrust on quality improvement in teaching through upgraded curricular, student-centric teaching-learning process, converting all classrooms into smart classrooms, faculty participation in international conferences and exposure to industry. While the Directorate of Quality Assurance makes its efforts for the best practices, the Training and Placement Cell strives for students' development and capacity building and SMVDU-Technology Business Incubation Center swings high in attracting and supporting innovators and out-of-the-box thinkers. It is satisfying that as a result of our efforts, students have started bringing laurels in national events, research scholars are coming up with quality publication including in journals like Nature Scientific Reports, faculty members have significantly utilized Professional Development Assistance for their participation in international academic events, and also there are increasing number of takers of MOOC courses for self-learning.

I congratulate all faculty members, staff and students for standing by the cause of the University. I also congratulate the Publication and Media Cell for bringing out the Annual Report of the University presenting its achievements effectively.


Prof. Sanjeev Jain
Vice Chancellor

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AN OVERVIEW OF THE UNIVERSITY



In the year 2017, Shri Mata Vaishno Devi University completes thirteen years of its existence. Ever since its inception in the year 1999, the odyssey of University has been arduous besides being a sublime combination of visioning and re-visioning. Hence, the thirteenth annual report is not only a rigorous exercise of retrospection but 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, one of the supreme shrines of North India. Cradled in the foothills of divine Trikuta Hills and spreading over a campus of more than 450 acres, the University has a 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 all its teaching-learning resources.

The University has been maintaining academic vibrancy with a substantial focus on ethics

and social commitment which is reflected in vast array of activities being held on the campus regularly. For developing ideas and creating platforms, TEDx SMVDU was inaugurated by the Chancellor in the year 2016. Every member of the University is motivated to prioritize collective interests and progressively work towards creating efficient system. These Centers have been established by the university with support from UGC and DBT. Five Research Centers and a Bioinformatics Facility are at the core of the Research Activities in the University. The University takes pride in stepping into an enviable position of excellence and feel confident that within next few years the pool of diverse and inquisitive students, the devoted faculty, staff and the alumni would work collectively towards building this educational institution as a 'WORLD CLASS UNIVERISTY' in this vibrant State of Jammu & Kashmir.

The University provides education and knowledge through four Academic Faculties, Twelve Schools of Study, Four cells and Three Research Centers. The University is offering Ph.D. in twelve disciplines which are: Management, Economics, Mathematics, Physics, Computer Sciences & Engineering, Chemistry/Chemical Biology, Energy Management, Biotechnology, Mechanical Engineering, Electronics & Communication Engineering, English and Philosophy; M. Tech. in four disciplines which are: Electronics and Communication, Mechanical Engineering, Computer Sciences & Engineering and Renewable Energy; Post Graduation in seven disciplines which are: MBA, MCA, M.Sc. (Economics) Five years integrated Degree Program, Mathematics, Physics, Biotechnology and English; B. Tech. in four disciplines which are: Electronics and Communication Engineering, Computer Sciences & Engineering, Mechanical Engineering, Industrial Biotechnology and B. Architecture. This all is being done in tune with the vision and mission of the University so that human mind follows the path of creativity for the welfare of mankind.

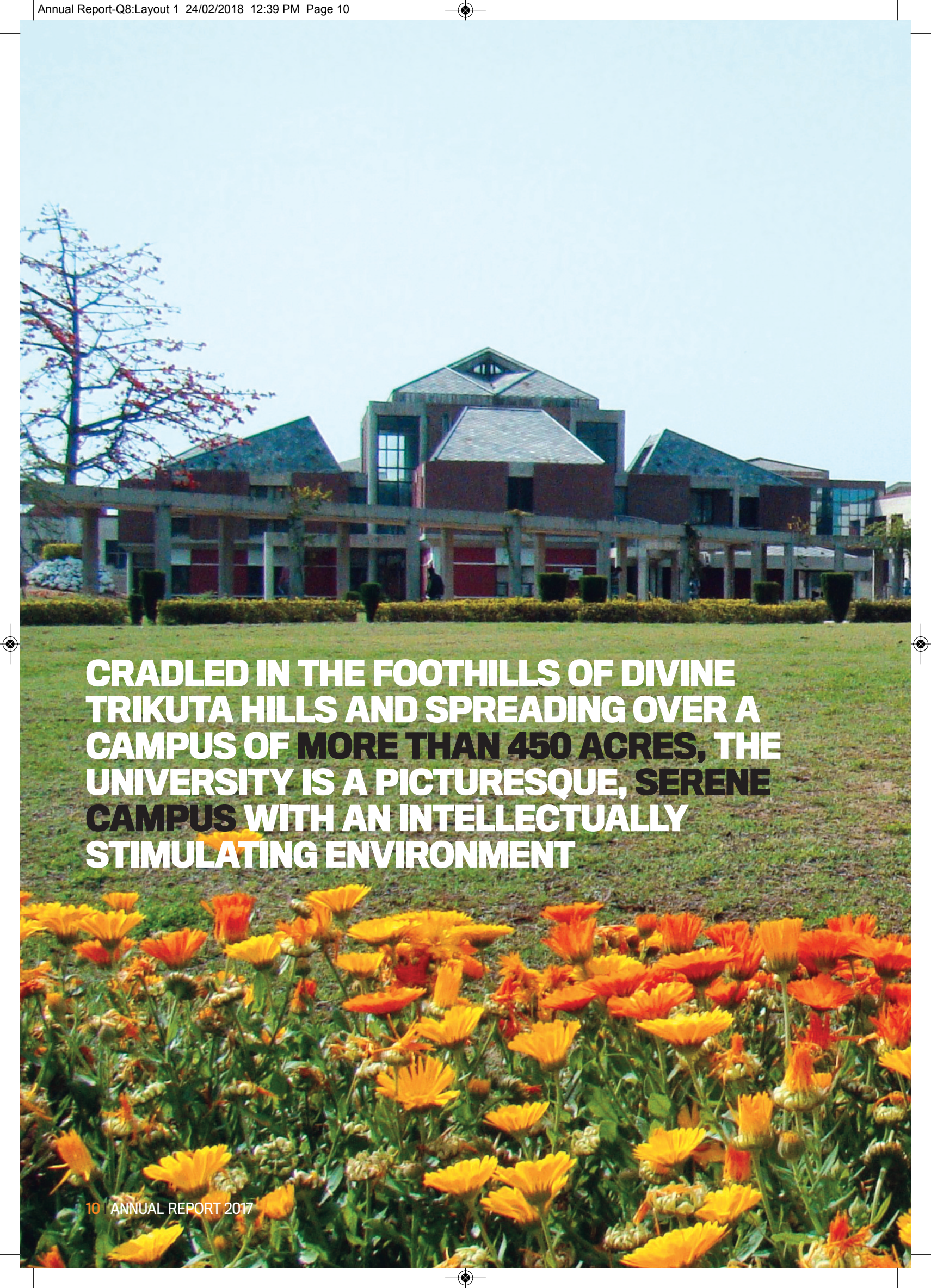






THE UNIVERSITY PROVIDES EDUCATION AND KNOWLEDGE THROUGH FOUR ACADEMIC FACULTIES, TWELVE SCHOOLS OF STUDY, FOUR CELLS AND THREE RESEARCH CENTERS





**CRADLED IN THE FOOTHILLS OF DIVINE
TRIKUTA HILLS AND SPREADING OVER A
CAMPUS OF **MORE THAN 450 ACRES**, THE
UNIVERSITY IS A PICTURESQUE, **SERENE
CAMPUS** WITH AN INTELLECTUALLY
STIMULATING ENVIRONMENT**





FIVE RESEARCH CENTERS AND A BIOINFORMATICS FACILITY ARE AT THE CORE OF THE RESEARCH ACTIVITIES IN THE UNIVERSITY. THE UNIVERSITY TAKES PRIDE IN STEPPING INTO AN ENVIABLE POSITION OF EXCELLENCE AND FEEL CONFIDENT THAT WITHIN NEXT FEW YEARS THE POOL OF DIVERSE AND INQUISITIVE STUDENTS, THE DEVOTED FACULTY, STAFF AND THE ALUMNI WOULD WORK COLLECTIVELY TOWARDS BUILDING THIS EDUCATIONAL INSTITUTION AS A 'WORLD CLASS UNIVERISTY' IN THIS VIBRANT STATE OF JAMMU & KASHMIR.





UNIVERSITY AT A GLANCE

LOCATION

Katra, Distt. Reasi, J&K

38 Kms North of Jammu, the winter capital of J&K

YEAR OF ESTABLISHMENT

12 May, 1999

Established through an act of J&K State Legislature known as Shri Mata Vaishno Devi University Act (Act no XII) 1999.

DATE OF INAUGURATION

19 August, 2004

H.E. Dr. A.P.J. Abdul Kalam, former President of India delivered the first lecture to the first batch of students.

TOTAL LAND AREA

470 acres

A mesmerizing valley symbolizing omniscience of Goddess with a view of the abode of Goddess from each zone.

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

INFRASTRUCTURE

- State-of-the-art academic blocks with 50 smart classrooms, 5 lecture theatres
- State-of-the-art hostels for students and residential apartments for faculty & staff
- Auditorium with 1000 seats, VIP Lounge, conference rooms and meeting rooms
- Sports infrastructure & gym • Central Library • Guest House
- Medical Aid Centre • Shopping Complex

CELLS/CENTRES

Telecommunication Centre

BSNL ISDN (Integrated Service Digital Network) 512 line telephone exchange and a mobile tower.

Siemens Hipath 4300 to Hipath 4000 V2.OE Simplex IP reading communication server with 336 Analog Extensions, 24 Digital Extensions and 24 trunk lines with CLIP facility on each extension.

Network Centre

IBM, Sun Solaris servers running latest software like MS - Windows 2003 & Red Hat Linux EE.

Reliance link for internet connection 10 mbps.

Publication & Media Cell	Publication of Prospectus, UG and PG study courses, MBA Brochure, B. Tech. Brochure, Annual Report, Chronicle, Numerous Leaflets, Booklets and Posters. Media Coverage of the events organized in the University.
Maintenance Cell	Maintenance and repair of the computer hardware and its related accessories of the whole campus.
Gender Sensitization Committee Sexual Harassment	Gender Sensitization and Orientation, Crisis against Management and Mediation, Formal Enquiry and Redressal
Hindi Cell	Promoting Hindi in the Campus

NUMBER OF FACULTIES

Four+1 (affiliated)

- FACULTY OF ENGINEERING
 - School of Computer Science Engineering • School of Electronics & Communication Engineering • School of Mechanical Engineering • School of Energy Management • School of Architecture & Landscape Design
- FACULTY OF HUMANITIES & SOCIAL SCIENCES
 - School of Languages & Literature • School Philosophy & Culture
- FACULTY OF MANAGEMENT
 - School of Business • School of Economics
- FACULTY OF SCIENCES
 - School of Mathematics • School of Physics • School of Biotechnology
- FACULTY OF NURSING

NUMBER OF SCHOOLS

12

TOTAL NO. OF FACULTY MEMBERS

130

COURSES OFFERED

Twenty Five B. Tech, B.Arch, M. Tech, M.A, M. Sc, MBA, Ph. D

RESEARCH CENTRES

Three

- Centre of Bioinformatics • Centre for Embedded Instrumentation & Networked Controls
- Research and Development Cell in the School of Architecture and Landscape Design

AMENITIES

- Medical Aid Centre • J&K Bank Ltd. • OBC Bank • Post Office • Shopping Complex
- Café & Eating Points • Delhi Public School • SMVDU Officer's Club • Officer's Club
- Ladies Wing • Children's Library • Fountain Park • Children's Park

MILESTONES SINCE INCEPTION

JULY 2017

5G and IOT Labs established in collaboration with Intel India

JUNE 2017

Human Genetics Research Group SMVDU registered with Genetic Testing Registry, National Institute of Health, USA

MAY 2017

Raising the university ranking equivalent to NITs by Tata Consultancy Services for students' placements

APRIL 2017

MoU signed with Gujrat Forensic Sciences University, Gandhinagar, Gujrat

MARCH-APRIL 2017

1st Academic Audit of academic programs

OCTOBER 2016

Benchmarks of performance for Schools as well as for individual faculty adopted

AUGUST 2016

MoU signed between Reliance Jio and SMVDU

APRIL 2016

Fifth Convocation addressed by Sh. Narendra Modi ji Hon'ble Prime Minister of India.

MARCH 2016

Prof. Sanjeev Jain took over as Fifth Vice Chancellor of the University on 17th February 2016.

SEPTEMBER 2015

Foundation Day of SMVDU

AUGUST 2015

Decade of Existence & Excellence

MARCH 2015

MoU signed between IIM, Jammu and SMVDU

AUGUST 2014

Inauguration of Hostels (Basoli & Vaishnavi) by Hon'ble Sh. N.N. Vohra, Governor J&K & Chancellor SMVD University.

FEBRUARY 2014

Fourth Convocation addressed by Sh. Hamid Ansari Hon'ble Vice-President of India.

MARCH 2013

Foundation Stone Basohli Hostel and Vaishnavi

Hostel Extension laid by Sh. N.N. Vohra, Hon'ble Chancellor SMVD University & Governor, J&K State.

FEBRUARY 2013

Prof. Sudhir K. Jain took over as fourth Vice Chancellor of the University on 15th February 2013.

NOVEMBER 2012

Third Convocation addressed by H.E. Smt. Pratibha Devi Singh Patil, the former President of India.

SEPTEMBER 2011

MoU signed with Micro Small Medium Enterprise Development Institute, Jammu.

SEPTEMBER 2011

Initiation of Student Merit-Cum-Means Scholarship Scheme.

MARCH 2011

The Foundation Stone of Residential Block laid by Hon'ble Sh. N.N. Vohra, Governor J&K & Chancellor SMVD University.

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.

AUGUST 2010

MoU signed with IIM, Jammu.

JULY 2010

Setting up of School of Innovation & Community Development.

MARCH 2010

TCS Accreditation for campus recruitment of students

JANUARY 2010

Prof. R.N.K. Bamezai took over as third Vice Chancellor of University on 22nd October 2010.

DECEMBER 2009

Sanctioning of grant-in-aid under XI Plan by UGC of 10 crores (approx.) to the University.

DECEMBER 2009

Inauguration of Central Library by Hon'ble Sh. N.N. Vohra, Governor J&K & Chancellor SMVD University.

DECEMBER 2009

Inauguration of the new building of the School of Architecture & Landscape Design by Hon'ble Sh. N.N. Vohra, Governor J&K & Chancellor SMVD University.

NOVEMBER 2009

Second Convocation addressed by Sh. N.R. Naraynan Murthy, Chairman Infosys.

JUNE 2009

12(B) Status accorded to University by University Grants Commission.

JUNE 2009

Building of Central Workshop Inaugurated by Jenab Omar Abdullah, Hon'ble Chief Minister, J&K.

APRIL 2009

MoU signed with Thapar University, Patiala.

MARCH 2009

MoU signed with Kurukshetra University.

MARCH 2009

Neelgiri Boys Hostel inaugurated by Hon'ble Sh. N.N. Vohra, Governor J&K & Chancellor SMVD University.

NOVEMBER 2008

MoU signed with Prathista Industries Ltd. Hyderabad.

OCTOBER 2008

Inauguration of New Academic Block by Hon'ble Sh. N.N.Vohra, Governor J&K & Chancellor SMVDU.

AUGUST 2008

Setting up of School of Physics.

AUGUST 2008

Setting up of School of Mathematics.

APRIL 2008

First Convocation addressed by Hon'ble Prime Minister of India, Dr. Manmohan Singh.

MARCH 2008

Inauguration of MATRIKA Auditorium by Hon'ble Lt. Gen (Retd.) S.K.Sinha, PVSM, Former Governor of J&K & Chancellor SMVDU

JANUARY 2008

Inauguration of Vaishnavi Hostel by Hon'ble Lt. Gen (Retd.) S.K.Sinha PVSM, Former Governor of J&K

& Chancellor SMVDU.

AUGUST 2007

MoU signed with State Forest Research Institute, Jammu & Kashmir for joint Research on Bamboo under the National Bamboo Mission.

AUGUST 2007

MoU signed with Micro, Small & Medium Enterprise (MSME) Development Institute Jammu to create Business Skill Development Programme.

JULY 2007

MoU signed with Ruhr University, Bochum Germany.

MARCH 2007

MoU signed with Kun Shan University Taiwan, Taiwan.

JANUARY 2007

Setting up of School of Architecture & Landscape Design.

DECEMBER 2006

MoU signed with Red Hat India Pvt. Ltd. Delhi.

OCTOBER 2006

Inauguration of Shivalik Hostel by Gulchan Singh Charak, Former Minister for PWD J&K.

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.

MAY 2006

MoU signed with Orel State Technical University, Orel Russia.

MAY 2006

A.I.C.T.E. approval for running all engineering courses which are ECSE, ECE, EME and EBT.

MAY 2006

Passing out of the First batch of students (2004 -2007).

MARCH 2006

Inauguration of College of Sciences by Jenab Ghulam Nabi Azad, Former Chief Minister J&K.

MARCH 2006

Inauguration of Kailash Boys Hostel by Jenab

Ghulam Nabi Azad, Former Chief Minister J&K.

JUNE 2006

Council of Architecture approval to set up School of Architecture & Landscape Design.

MARCH 2005

MoU signed with Regional Research Laboratory, Jammu.

APRIL 2005

MoU signed with Aachen University of Applied Sciences, Germany for Student and Faculty Exchange and Joint Research.

MAY 2005

Inauguration of College of Management by Hon'ble Lt Gen (Retd.) S.K. Sinha, PVSM, Former Governor of J&K & Chancellor SMVDU.

JULY 2005

Inauguration of Trikuta Boys Hostel by Prof. N.K. Bansal, former Vice Chancellor SMVDU.

AUGUST 2005

Inauguration of College of Philosophy & Culture by Dr. Karan Singh, Member Raiya Sabha. The College was later re-christened as Faculty of Humanities and Social Sciences.

AUGUST 2005

MoU signed with IIT Delhi.

AUGUST 2005

Setting up of Central Workshop

2005

Adaptation of Academic Pattern of IIT's

AUGUST 2005

Setting up of School of Biotechnology

OCTOBER 2005

Setting up of School of Languages and Literature

AUGUST 2004

Inauguration of College of Engineering by Dr. A.P.J Abdul Kalam, the former President of India

AUGUST 2004

Setting up of School of Business, College of Management

AUGUST 2004

Inauguration of the University by Dr. A.P.J Abdul Kalam, the former President of India

NOVEMBER 2004

Prof. N.K Bansal took over as second Vice Chancellor of University on 15th November 2004.

1999

Prof. Bharat B Chattoo took over as first Vice Chancellor of University.



GOVERNING BODIES

EXECUTIVE COUNCIL

The Executive Council is the apex body of the University and is responsible for all the Academic appointments, Management & Regulation of Finances & accounts, investments and properties, fixations of emoluments & creation of perks, enforcement of discipline, appointment of examiner and any other matter pertaining to the functioning of the University.

SITTING MEMBERS OF THE EXECUTIVE COUNCIL

1. SH. N.N.VOHRA

Hon'ble Governor, J&K & Chancellor SMVD University

2. PROF. SANJEEV JAIN

Vice-Chancellor, SMVD University

3. PROF. R. D. SHARMA

Vice-Chancellor, University of Jammu

4. PROF. KHURSHID IQBAL ANDRABI

Vice Chancellor, University of Kashmir

5. PROF. GOVERDHAN MEHTA

National Research Professor, School of Chemistry, University of Hyderabad

6. PROF. K.L. CHOPRA

Former Director, IIT, Kharagpur &

Padma Bhushan Awardee

7. SH. UMANG NARULA, IAS

Principal Secretary to HEG, J&K State

8. SH. JITENDRA KUMAR SINGH, IAS

Chief Executive Officer, SMVDSB

9. SH. R.P. AGRAWAL, IAS (RETD)

Former Secretary, MHRD, Government of India

10. PROF. V.VERMA

Dean, Faculty of Engineering, SMVD University

11. DR. YUGAL KHAJURIA

I/c Dean of Students & I/c Head, Dept. of Physics

12. DR. V. K. BHAT

Dean, Faculty of Sciences, SMVD University





ACADEMIC COUNCIL

The Academic Council is responsible for all the academic matters of the University such as curriculum development, admission, examination, recognition of degrees and other case may be deem fit for proper execution of the provision of the act, statues and ordinances and all matters relating to the health and wefare of the University.

SITTING MEMBERS OF THE ACADEMIC COUNCIL

1. PROF. SANJEEV JAIN

Chairman, Vice Chancellor, SMVD University

2. PROF. RAJESH SRIVASTAVA, (Member Expert)

Head, School of Physics, Indian Institute of Technology, Roorkee

3. PROF. P. K. JAIN, (Member Expert)

Professor, School of Management Studies
Indian Institute of Technology, Delhi

4. PROF. SUNIL PANDEY, (Member Expert)

Professor, School of Mechanical Engineering,
Indian Institute of Technology, Delhi

5. SH. LOKESH SAXENA, (Member Expert)

Vice President, Industrial Business and Services
SKF India Ltd. Pune

6. DR. V. K. JAIN, (Member Expert)

Professor, School of Electrical Engineering

Indian Institute of Technology, Delhi

7. PROF. S. DHARMARAJA, (Member Expert)

Professor & Head, School of Mathematics
Indian Institute of Technology, Delhi

8. PROF. K. K. BISWAS, (Member Expert)

Emeritus Professor, School of Computer Science
& Engineering, Indian Institute of Technology, Delhi

9. DR. SUPRAN K SHARMA

Faculty I/c Central Library, Shri Mata Vaishno Devi
University

10. PROF. V. VERMA

Dean, Faculty of Engineering & Head, School of
Biotechnology, Shri Mata Vaishno Devi University

11. PROF. DR. V. K. BHAT, Dean, Faculty of

Sciences, Shri Mata Vaishno Devi University

12. DR. YUGAL KHAJURIA

I/c Dean of Students, Shri Mata Vaishno Devi University

13. MR. ADITYA KUMAR SINGH

Head, School of Architecture & Landscape Design, Shri Mata Vaishno Devi University

14. DR. V. K. TRIPATHI

Head, School of Philosophy & Culture Shri Mata Vaishno Devi University

15. PROF. BANDI KAMAIYAH

Head, School of Economics, Shri Mata Vaishno Devi University

16. DR. SANJEEV ANAND

I/c Head, School of Energy Management Shri Mata Vaishno Devi University

17. DR. BAIJNATH KAUSHIK

Head, School of Computer Science & Engineering, Shri Mata Vaishno Devi University

18. DR. KUMUD RANJAN JHA

I/c Head, School of Electronics & Communication Engineering, Shri Mata Vaishno Devi University

19. DR. SUSHIL MEHTA

Head, School of Business, Shri Mata Vaishno Devi University

20. DR. A.K DASS

I/c Head, School of Mathematics, Shri Mata Vaishno Devi University

21. DR. BALBIR SINGH

I/c Head, School of Mechanical Engineering, Shri Mata Vaishno Devi University

22. DR. SHAILLA CANNIE

Dean, Faculty of Nursing, SMVDU

23. DR. AMIATAVA DWIVEDI

School of Language and Literature

MEMBERS OF THE FINANCE COMMITTEE**1. PROF. SANJEEV JAIN**

Vice Chancellor, SMVD University, (Chairman)

2. SH. UMANG NARULA, IAS

Principal Secretary to HEG, J&K State Member (ex-officio)

3. SH. RAVI MAGOTRA, KAS

Director General Finance (Retd.) (Member)

4. SH. JITENDRA KUMAR SINGH, IAS

Chief Executive Officer, Shri Mata Vaishno Devi Shrine Board Member (ex-officio)

5. SH. ROMESH SINGH, KAS

Finance Officer, Shri Mata Vaishno Devi University, Member (Secretary)

6. SH. M.K KUMAR, IFS

Addl. Chief Executive Officer, Shri Mata Vaishno Devi Shrine Board Member (ex-officio)

7. SH. HEMANT PRASHER, KAS

Chief Accounts Officer, Shri Mata Vaishno Devi

Shrine Board Member (ex-officio)

8. SH. SHALEEN KABRA, IAS

Commissioner/Secretary to Govt. (Member)

9. PROF. V. K. BHAT

Registrar, SMVD University Member (Ex-officio)

10. SH. R.K.GOYAL, IAS

Principal Secretary to Govt. of J&K (Member)



THE BUILDING & WORKS COMMITTEE

1. PROF. SANJEEV JAIN

Vice Chancellor, SMVD University
(Chairman)

2. SH. M.K KUMAR, IFS

Addl. Chief Executive Officer, Shri Mata Vaishno
Devi Shrine Board Katra, Member (Ex-officio)

3. SH. H.L. MAINI

Technical Advisor, SMVD University
(Special Invitee)

4. PROF. V.K.BHAT

Dean, Faculty of Sciences (Member)

5. PROF. V.VERMA

Dean, Faculty of Engineering SMVD University
(Member)

6. AR. ADITYA KUMAR SINGH

Head, DoALD, SMVD University (Member)

7. ER. A.K.GANDOTRA

Superintending Engineer (SE) PWD Reasi
Member (Ex-officio)

8. SH. ROMESH SINGH, KAS

Finance Officer, Shri Mata Vaishno Devi University
Member (Ex-officio)

9. ER. KAMAL SHARMA

University Engineer, SMVD University
(Member Secretary)

10. PROF. V.K. BHAT

Registrar, SMVD University Member (Ex-officio)



FACULTY OF ENGINEERING



SCHOOL OF ARCHITECTURE AND LANDSCAPE DESIGN

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1.	Ar. Aditya Kumar Singh	Associate Professor	M.L.A. (SPA, New Delhi), E.M.I.B. (IIFT, New Delhi), B.Arch. (NIT, Bhopal)	Architecture and Landscape Architecture
2.	Dr. Vijayinder Kumar Dogra	Assistant Professor	Ph.D., M. Tech. (Structural Engineering), B. E.	Structural Engineering
3.	Ar. Abhiney Gupta	Assistant Professor	M. Arch., B. Arch.	Architecture
4.	Ar. Navin Gupta	Assistant Professor	M. Arch., B. Arch.	Architecture and Landscape Architecture
5.	Ar. Abhimanyu Sharma	Assistant Professor	M. Arch., B. Arch.	Architecture
6.	Ar. Anoop Kumar Sharma	Assistant Professor	M. Arch., B. Arch.	Architecture Design and Contemporary Architecture
7.	Ar. Vinod Kumar	Assistant Professor	M.C.P., B.Arch.	City Planning, Climate Responsive Architecture
8.	Dr. Rashmi Kumari	Assistant Professor	Ph.D., M.U.R.P., B.Arch.	Urban, Rural and Regional Planning and Architecture
9.	Ar. Sourojee Dutta	Assistant Professor	M.Arch, M.Plan, B.Arch	Urban Design and Urban Planning.
10.	Ar. Satyanshu Kumar	Assistant Professor	M.Tech., B.Arch.	Architecture, Disaster Mitigation & Management
11.	Prof. C.L.Razdan	Visiting Faculty	B.Arch.	Architecture
12.	Ar. Dinesh Nanda	Visiting Faculty	B.Arch.	Architecture
13.	Ar. Anil Tikoo	Visiting Faculty	B.Arch.	Architecture
14.	Ms. Shoba Thakur	Visiting Faculty	MFA	

PROGRAMMES OFFERED & ENROLLMENT:

B. TECH./B.ARCH.

21

M. TECH.

0

DETAILS OF B.TECH. STUDENTS:

BATCH

2016 ENTRY

ADMITTED STUDENTS

MALE

12

FEMALE

9

TOTAL

21

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

RESOURCE PERSON

Dr. Ranjana Mittal,
Professor at SPA-Delhi

TOPIC OF THE LECTURE

History of Architecture

DATE

11th - 13th November 2016

Dr. Ajay Vinodia

Asso. Prof; SPA-Bhopal

City Planning

17th April 2017

DEGREE AWARDEES:

B.TECH : 35

Names of Ph.D. Degree Awardees:

INFORMATION ABOUT FACULTY

Research Publications

- Sharma, Anoop Kumar, Dogra, VK and Singh, Ashutosh Kumar (2017), "Potential Alternate Energy Resources for Sustainability: A Must Need for a top Pilgrimage City", in Procedia Energy (Elsevier), Science Direct. (Scopus Indexed).
- Hazarika, Arshia K, Sharma, Anoop Kumar (2017). "Green Infrastructure Retrofit- A sustainable Strategy for Indian city", Int'l Journal of Research in Chemical, Metallurgical and Civil Engg. (IJRCMCE) Vol. 4, Issue 1 (2017) (January, 2017). pp. 37-42, ISSN 2349-1442 E-ISSN 2349-1450.
- Sharma, Anoop Kumar, Hazarika, Arshia K, Sasan, Navjot Singh and Singh, Ashutosh Kumar (2017), "A 21st century Indian Pilgrimage town as an impetus for urban development in surrounding remote places-Potentials and proposals", proceedings: 1st International Conference on "Theory of Architectural Design: Global Practices Amid Local Milieu", (SMVD University, Katra-India), pp-324-338, ISBN-13: 978-93-5260-628-2. (Publisher: McGraw Hill education).
- Dogra, V K, Sharma, Anoop Kumar and Singh, Ashutosh Kumar (2017), "Pilgrimage City Renewal through Transport Planning Intervention", proceedings: 1st International Conference on "Theory of Architectural Design: Global Practices Amid Local Milieu", (SMVD University, Katra-India), pp-318-323, ISBN-13: 978-93-5260-628-2. (Publisher: McGraw Hill education).
- Khan, Owais Asif, Sharma, Anoop Kumar, "Thinking Spatially: Discourse on Spatiality of Yamuna Riverfront", published in "International Journal on Emerging Technologies", Vol. 8, Issue 1 (2017) ISSN 0975-8364 (pp:202-205). Impact Factor: 3.1
- Amla, Anuksha, Sharma, Anoop Kumar, "Development and Environment Interactions - Need for Climate Responsive Campuses: Study and Proposals", published in "International Journal on Emerging Technologies", Vol. 8, Issue 1 (2017) ISSN 0975-8364 (pp: 243-250). Impact Factor: Impact Factor: 3.1
- Ajrawat, Angelika, Sharma, Anoop Kumar, "Need For Development of Coastal Architecture", published in "International Journal on Emerging Technologies", Vol. 8 Issue 1 (2017) ISSN 0975-8364 (pp: 285-290). Impact Factor: Impact Factor: 3.1
- Ojha, Shreya, Sharma, Anoop Kumar, "Transition from Vernacular to Modern Architecture: Gurgaon, India", published in "International Journal on Emerging Technologies", Vol. 8, Issue 1 (2017) ISSN 0975-8364 (pp:408-415). Impact Factor: Impact Factor: 3.1
- Sharma, Anoop Kumar, Singh, Ashutosh Kumar (2016). "Local Perception Towards Global Smart City Development", International Journal of New Technologies in Science and Engineering (IJNTSE) 3,9 (September 2016). pp. 24-33, ISSN 2349 (Impact factor 6.02).
- Sharma, Anoop Kumar, Dogra, V.K. Ahmad, Tahir and Singh, Ashutosh Kumar, "Sustainability guide to contemporary housing of Indian Hill City-Need based urban development approach model", International Journal of Chemical,





Environmental & Biological Sciences (IJCEBS) Volume 4, Issue 2 (2016) ISSN 2320-4087. (pp-158-165) - Impact factor-1.817

11. Sharma, Anoop Kumar, Dogra, V.K., Ahmad, Tahir and Singh, Ashutosh Kumar, "Sustainability guide to contemporary housing of Indian Hill City-Need based urban development approach model", Proceedings International Conference on "Civil, Architectural and Environmental Engineering (CAEE-16)" organized by URUAE, at Bangkok on 23rd - 24th June 2016.
12. Indian Temple Architecture: A Case Study Of Jammu Temples", International Journal of Science, Environment and Technology, Vol. 4, No 5, 2015
13. "Architecture Design in the Digital Locale", International Journal Of New Technologies In Science and Engineering (IJNTSE), Vol. 2, Issue 4, October 2015
14. Kumari, R. and Devadas, V. (2017) Planning for Development of Rural Infrastructure.proceedings: 1st International Conference on "Theory of Architectural Design: Global Practices Amid Local Milieu", (SMVD University, Katra-India), pp-324-338, ISBN-13: 978-93-5260-628-2. (Publisher: McGraw Hill education).

Conferences/Workshops/Seminars/Short term Courses Attended

1. Ar. Anoop Sharma attended (for paper presentation, Key Note Address and Session Chair) 2-day long International conference "Civil, Architectural and Environmental Engineering-CAEE-16" held at Bangkok (Thailand) from 23rd - 24th June 2016.
2. Ar. Anoop Sharma attended (for paper presentation) 5th
3. Ar. Anoop Sharma attended (for paper presentation) 2-day long Annual International conference "Spaces & Flows-2016" held at University of Pennsylvania-USA from 10th - 11th November 2016.
4. Ar. Anoop Sharma attended (for paper presentation and session chair) 3-day International conference on "Theory of Architectural design: Global Practices Amid Local Milieu" at SMVD University, Katra (India) from 14th - 16th April 2017.
5. Ar. Anoop Sharma attended 4-weeks AICTE Sponsored FDP on use of ICT in Teaching conducted by IIT Bombay at SMVDU in June - July 2016.
6. Ar. Anoop Sharma attended 1-day workshop on 'Patent drafting and Filing' at SMVD University during October 2016.
7. Ar. Anoop Sharma attended one week long Teachers Training



International Conference on Recent Trends in Engineering and Technology (an online conference) during sept, 2016.

workshop on “Design and Research Methodology in Architecture” held at Delhi Technical Campus (DTC), Affiliated to IP University, Delhi from 20th - 24th February 2017. The workshop was organized by Department of Architecture, Delhi Technical Campus-Greater Noida in collaboration with Council of Architecture (COA), New Delhi. 40 Teachers from different Schools of Architecture across the country attended the workshop (FDP).

8. Ar. Anoop Sharma attended 4-weeks distance learning online course on “Remote sensing and GIS Applications in carbon forestry” organized by IIRS-ISRO organized from 16th Feb to 10th March 2017 at Remote Centre-SMVD University Katra.
9. Ar. Anoop Sharma attended 1-day workshop on ‘Hill Architecture’ conducted by Ar. Nilanjan Bhowal at SMVD University, Katra on April 2017.
10. Ar. Anoop Sharma attended 1-day workshop on ‘Vernacular Architectural Practices in Ladakh’ conducted by Ar. Debasish Borah at SMVD University, Katra on in April 2017.
11. Training program on “Housing for All - Innovative Technologies for Affordable Housing” conducted at CSIR-CBRI, Roorkee during 14th - 16th October 2015.
12. Participated in the International Symposium “Celebrating Le

Corbusier’s Chandigarh: 50 Years after the Master” which was scheduled from 9th - 12th October 2015.

13. Participated in 3rd Online International Conference on “Recent Trends in Engineering and Technology” conducted by IJNTSE which was scheduled from 18th - 19th October 2015.
14. Short Term Course workshop titled “Recent Trends in Automobile Engineering” during 29th February 2016 to 4th March 2016 which was conducted by NITTTT Chandigarh.
15. Completed the 16th Outreach Programme on “Geospatial Technologies for Urban Planning” during 11th February - 15th March 2016 which was conducted by Indian Institute of Remote Sensing (IIRS- ISRO), Dehradun.
16. Participated for the 17th Outreach Programme on “Geoweb Services and Geoportal applications” during 28th June - 15th July 2016 which is conducted by Indian Institute of Remote Sensing (IIRS -ISRO), Dehradun.
17. Attended workshop at Department of Architecture & Landscape Design, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir in First International Conference on “Theory of Architectural Design: Global Practices amid Local Milieu” from 14th - 16th April 2017.
18. International Conference on “Theory of Architectural Design:





Global Practices amid Local Milieu”, held from 14th – 16th April 2017, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir, India.

19. International Conference on “Theory of Architectural Design: Global Practices amid Local Milieu”, held from 14th – 16th April 2017, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir, India.

Conferences/ Seminars /Workshops/FDPs/MDPs Organized

1. Ar. Anoop Sharma organized 3-day International Conference on “Theory of Architectural design: Global Practices Amid Local Milieu” during 14th – 16th April 2017 at SMVD University, Katra (India).
2. Ar. Anoop Sharma organized 4-weeks distance learning online course on “Remote sensing and GIS Applications in carbon forestry” organized by IIRS-ISRO organized from 16th Feb to 10th March 2017 at Remote Centre-SMVD University Katra.
3. Ar. Anoop Sharma organized Student’s Design Competition in October – November, 2016 for designing of upcoming buildings at SMVD University i.e. New Academic Block, Indoor Sports Complex and Transit Hostel.

Students’ Achievement

1. Mr. Pushpender Chauhan (B.Arch; 7th semester student) is selected as intern at BINAA – a design and research studio founded by Burak Pekoglu in Istanbul, Turkey. The student

shall work as a trainee architect for a full semester before joining back SMVDU in December 2017.

2. Miss. Madeeha Ayub (B.Arch; 7th semester) is having the proud privilege to work as trainee architect at Kresings Architektur GmbH– Germany against her undergraduate portfolio and an interview. The practice has two studios in Munster and Dusseldorf in Germany, headed by a Norman Foster apprentice Kilian Kresing.
3. Miss. Apporva Saraf (B.Arch; 7th semester) is working as a trainee architect at reputed Karan grover and associates, India. This firm is leading architecture studio working in sustainable and green architecture domains. The studio is world famous for the 1st LEED Platinum rated building of India i.e. CII Godrej sarabhai complex at Hyderabad.
4. Miss. Ishani Dayal (B.Arch; 7th semester) is working as trainee architect with Raw Architecture, Jakarta (Indonesia). The firm specializes in Minimalism, Concerns on using natural and exposed materials, Efficiency and creative programming, Customized Craftsmanship.
5. Mr. Jigyasa Bora (B.Arch; 7th semester) is doing his research and internship at various places in Europe. Jigyasa’s research area is study and behavior of sound in enclosed spaces and accordingly design of spaces on the basis of targeted sound quality. He also participated in workshop named “A city with many sounds” which was basically an output based workshop for making an auditive map of Fredericia, Denmark and special furniture which also adapts the city’s grid.



6. Mr. Jigyasa bora has been selected as one of the core team member for socio Progressive Tourism Venture and aims at attaining Global attention for 8 states of north- east, India. In this core team, he shall be representing Architecture for society development in rural tourism sector and primarily Adventure tourism. This initiative is central government recognized and supported by Ashoka India, Harvard College US-India Initiative, Summer School on Social Entrepreneurship and Sustainable Project, Sweden. International Youth to Youth Initiative (Dubai Summit) and many other international organizations.
7. Miss. Anuksha Amla, Miss Aishwarya Bali, Miss Shreya Ojha, Mr. Owais Asif Khan and Miss Angelika Ajrawat (B.Arch; 10th semester) presented their research based on B.Arch. Dissertation (9th semester) at National Conference held at MNIT-Jaipur in February 2017.

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1	Dr. Ajay Koul	Assistant Professor & I/c Head	Ph.D.	Wireless Adhoc Networks, Character Recognition
2	Dr. Baijnath Kaushik	Associate Professor	Ph.D.	Machine Learning
3	Mr. Manoj Kumar	Assistant Professor	Ph.D. pursuing	Wireless networks
4	Ms. Sonika Gupta	Assistant Professor	Ph.D. Pursuing	Data Mining
5	Dr. Sunanda	Assistant Professor	Ph.D.	Algorithm optimization, Artificial Intelligence
6	Dr. Sakshi Arora	Assistant Professor	Ph.D.	Algorithm optimization, Artificial Intelligence
7	Dr. Naveen Gondi	Assistant Professor	Ph.D.	Network Management, MANET, Cloud Computing,
8	Ms. Pooja Sharma	Lecturer	Ph.D. Pursuing	VANETs
9	Mr. Sanjay Sharma	Assistant Professor	M.Tech.	System Security, Image Processing
10	Mr. Deo Prakash	Assistant Professor	Ph.D. Pursuing	Future generation networks and systems
11	Mr. Anuj Mahajan	Assistant Professor	M.Tech.	Web mining, Software Architecture
12	Mr. Sudesh Kumar	Assistant Professor	M.Tech.	Network security, Computer Networks

PROGRAMMES OFFERED & ENROLLMENT:

B. TECH./B.ARCH.

52

M. TECH.

17

DETAILS OF B.TECH. STUDENTS:

BATCH

2015 ENTRY

ADMITTED STUDENTS

MALE

44

FEMALE

8

TOTAL

52

DETAILS OF M.TECH./M.SC./M.A STUDENTS:

BATCH

2015 ENTRY

17

ADMITTED STUDENTS

MALE

8

FEMALE

9

TOTAL

17

DETAILS OF RESEARCH SCHOLARS:

YEAR 2015-16

	PH.D.		
	MALE	FEMALE	TOTAL
Admitted 2015-16	0	1	1
Awarded 2015-16	0	2	2
Total Presently under Supervision	4	2	6

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

RESOURCE PERSON	TOPIC OF THE LECTURE	DATE
Prof R. B .Patel	Agent Pedestal for Load Optimization, Management and Bond	2nd April, 2016
Faculty from NITTR & IIT	One Week workshop on "Mobile Computing" NITTTR Chandigarh from	15th - 19th February, 2016

DEGREE AWARDEES:

B.TECH : 48

M.TECH : 15

Ph.D. : 2

Names of Ph.D. Degree Awardees: Nil

INFORMATION ABOUT EACH FACULTY

Research Projects Initiated & Completed by the Faculty

Title of the Project	Funding agency	Amount sanctioned	Status/Duration	PI/Co PI
Security and QoS in MANETS	UGC	7.68 Lakhs	Completed	Ajay Koul

Research Publications

1. Andrabi, S.A.B., & Kumar, M. A Comparative Study of Routing Protocols for Underwater Wireless Sensor Networks. International Journal of Computer Science & Communication, 8(1), 27-29.
2. Malagar, V. & Kumar, M. A Comparative Analysis of Routing Protocols in Vehicular Ad-hoc Networks. International Journal of Advanced Research in Electronics and Communication Engineering, 6(5), 378-389.
3. Sharma Cheena and Sunanda, "Survey on Smart Healthcare: An Application of IoT "International Journal on Emerging Technologies", Volume 8, No.1 Page No. 330-333, 2017.
4. Arora Saakshi and Sunanda, "Genetic K-Means Clustering for Route Discovery in Multi Cast Networks. "International Journal of Control Theory and Applications", Volume 10, No.4 Page No. 49-56), 2017.
5. Arora Saakshi and Sunanda, "Virtual Machine Availability. "International Journal of Control Theory and Applications", Volume 10, No.4 Page No. 49-56), 2017.
6. Aasia Ali, Sanjay Sharma, "Content Based Image Retrieval using Feature Extraction with Machine Learning Author Details: Acknowledgement Number: 0499D7- 20170529060836
7. Sudesh Kumar, A Comparative Study of Issues and Challenges in Cloud using Different Data Mining Techniques presented in the 3rd International Conference on Recent Trends and Advancements in Engineering and Technology (ICRTAET) held at Shri Mata Vaishno Devi University, Katra, India from 17th - 18th November 2016.
8. "Survey on Machine Learning based scheduling in Cloud Computing" in ACM International Conference on Intelligent Systems, Meta heuristics & Swarm Intelligence (ISMSI '17), 25 - 27th March, 2017 Hong Kong Pages 57-61. ISBN: 978-1-4503-4798-3
9. "Recent trends & Innovations in Artificial Intelligence based Applications" in International Journal on Emerging Technologies (Special Issue NCETST-2017) 8(1): 334-339(2017) ISSN No. (Online): 2249-3255
10. "Cloud ERP: A pivot for Enterprise in diversified Business Scenarios" in International Journal on Emerging Technologies (Special Issue NCETST-2017) 8(1): 314-317(2017) ISSN No. (Online): 2249-3255
11. "Optical Character Recognition Techniques in Urdu-A Survey"



in 5th International Conference on Advances in Engineering & Technology” held at BGIT, Sangrur, 24th - 25th March 2017.

12. “Comparative Analysis on various Face Recognition Techniques” at - IEEE International Conference on Intelligent Computing and Control Systems (ICICCS 2017) 15th - 16th June 2017 (paper Accepted for presentation).

Conferences/Workshops/Short term Courses Attended

1. Ajay Koul, attended an International Conference on Metaheuristics and Swarm Intelligence at Hong Kong, March 2017
2. Ajay Koul, attended an International conference on Computational and Business intelligence in September 2017.
3. Manoj Kumar attended 3rd International Conference on Recent Trends and Advancements in Engineering and Technology at SMVD University, Katra from 17th - 18th November 2016.
4. Manoj Kumar attended National Conference on Information Technology and Business Analytics - 2017 at SMVD University, Katra during 7th - 8th January 2017
5. Manoj Kumar attended AICTE recognized one week short term course on “Cloud Computing” through ICT conducted by NITTTR, Chandigarh from 5th - 9th December 2016 at SMVD University, Katra.
6. Manoj Kumar attended AICTE recognized one week short term course on “Optimization using MATLAB” through ICT conducted by NITTTR, Chandigarh from 24th - 28th October 2016 at SMVD University, Katra. Dr. Sakshi Arora and Ms. Sonika Gupta attended 1 Week STC on “Mobile Computing through ICT” at SMVD University in February 2016
7. Manoj Kumar attended Two week Refresher Course on “Research Methodology” organized by Human Resource Development Centre, SMVDU from 14th - 27th March 2017.
8. Manoj Kumar attended ICT based One Week Workshop on “Optimization using MATLAB”, from 24th - 28th October, 2016, organized by NITTTR, Chandigarh.
9. Gupta, Sunanda, “Enhanced Genetic Algorithm with Memory Scheme for Vehicle Routing Problem” 3rd International Conference on Recent Trends and Advancements in Engineering and Technology 2016 (17th - 18th November).
10. Sharma Cheena and Gupta Sunanda. “Secure Energy Efficient e-Health Monitoring System” 3rd International Conference on Recent Trends and Advancements in Engineering and Technology 2016 (17th - 18th November).
11. Kumar Satish, Sunanda, Arora Sakshi, “A Comparative Analysis of Bacterial Foraging Optimization Algorithm”, 3rd International Conference on Recent Trends and Advancements in Engineering and Technology 2016 (17th - 18th November).
12. Mr. Sudesh Kumar attended an Orientation Programme at BPS Women University, (June 2015)
13. Mr. Sudesh attended the National Conference on Information technology and business analytics NITBA - 7th - 8th January 2017 at SMVDU as session chair.
14. Chaired session in the paper presentation at NCEEITET held at GCET, Jammu from 11th - 12th November 2016.

15. Attended STC on Optimization using MATLAB through ICT from 24th – 28th October 2016.
16. Attended One day workshop on PATENT DRAFTING AND FILING in association with TIFAC on 20th October 2016.
17. Attended Three Days Workshop on ETITUM Calicut university (December 2016).
18. Attended Training Program on Optimization using MATLAB, SMVDU, Katra (October 2016).
19. UGC sponsored workshop on “Numerical analysis in VLSI CAD Using MATLAB and Simulink from 14th – 15th January 2017.
20. Dr Naveen Gondhi attended One Week workshop on “Optimization using MATLAB” conducted by NITTTR Chandigarh at Remote Centre SMVDU 2016.

Conferences/ Seminars /Workshops/FDPs/MDPs Organized

1. Dr. Naveen Organized One Week workshop on “Cloud Computing” in collaboration with NITTTR Chandigarh at Remote Centre, SMVDU 2016.

Ph.D. Guided

Currently 10 Ph.D. students are enrolled under various faculty members of the school.

Students' Achievement

1. Shivani Bhardwaj alumni of CSE SMVDU won the Linux foundation Training scholarship for the year 2016. She is the only selected candidate from india out of the 1000 applications received by LIFT organization for this year worldwide.
2. Aditya Agarwal of B.Tech 4th Year delivered a lecture at Institute for Development and Research in Banking Technology (Established by Reserve Bank of India) on Secure Coding Practices in Mobile Applications 2016.
3. Sparsh Sharma a Ph.D. Scholar of CSE provided training to the officers of J&K police on Cyber Security 2016.
4. Parth Pankaj Tiwari of B.Tech 4th Year completed successfully his 6 months Internship at Japan Institute of Technology from January – May 2016.
5. Abhishek Chaudhary of B.Tech 4th Year completed his Summer Internship on “Hardware accelerated Video Encoding and Decoding Framework using Graphical Processing Units (GPU)” at Brno University of Technology, CZECH Republic. (June – August 2015).



SCHOOL OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1	Dr. Vipin Kakkar	Ph.D.	Associate Professor	VLSI, Embedded Systems, Video Processing, MEMS
2	Dr. Amit Kant Pandit	Ph.D.	Associate Professor	DSP, DIP, Signal and Systems, Microprocessor
3	Dr. Kumud Ranjan Jha	Ph.D.	Associate Professor	Microwave Engineering, Comm. Systems.
4	Dr. Sumeet Gupta	Ph.D.	Assistant Professor	Wireless Networks, Embedded Systems, Digital system Design
5	Dr. Manish Sabraj	Ph.D.	Assistant Professor	Control System & DSP
6	Mr. Shashi Bhushan Kotwal	M.Tech.	Assistant Professor	Microprocessor, Wireless Communications & Signal Processing, Sensor Networks
7	Mr. Ashish Suri	M. Tech.	Assistant Professor	Wireless & Mobile Communication, DSP
8	Mr. Anil Bhardwaj	M. Tech. Ph.D. Pursuing	Assistant Professor Semiconductor Devices	VLSI Design, Circuits & Systems,
9	Mr. Neeraj Tripathi	M.Tech. Ph.D. Pursuing	Assistant Professor	MEMS,NEMS,VLSI, Circuit Designing, Modelling, CAD Simulation
10	Mr. Swastik Gupta	M. Tech.	Assistant Professor	Wired/Wireless Computer Networks, Embedded Systems, Power Electronics and Drives
11	Dr. Rakesh Kumar Jha	Ph.D.	Assistant Professor	Wireless Communication, Network Security, Optical Fibre Communication
12	Dr. Purnima Hazra	Ph.D.	Assistant Professor	Semiconductor Physics, Nanoelectronics
13	Mr. Vikram Singh	M.Tech. Ph.D. Pursuing	Assistant Professor	Digital Design
14	Dr. Sachin Kumar Gupta	Ph.D	Assistant Professor	Wireless Networks, Computer Networks
15	Dr. Vijay Kumar Sharma	Ph.D	Assistant Professor	Low Power VLSI Design, Process Variation Aware Design

PROGRAMMES OFFERED & ENROLLMENT:

B. TECH.

72

M. TECH.

18

DETAILS OF B.TECH. STUDENTS:

BATCH	ADMITTED STUDENTS		
	MALE	FEMALE	TOTAL
2016 ENTRY 2016-20	42	30	72

DETAILS OF M.TECH./M.SC./M.A STUDENTS:

BATCH	ADMITTED STUDENTS		
	MALE	FEMALE	TOTAL
2016 ENTRY 2016-18	4	14	18

DETAILS OF RESEARCH SCHOLARS:

YEAR 2016-17	PH.D.		
	MALE	FEMALE	TOTAL
Admitted 2016-17	0	2	2
Awarded 2016-11	1	0	1
Total Presently under Supervision			

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

RESOURCE PERSON	TOPIC OF THE LECTURE	DATE
Dr. Kishore Sarawadkar	Workshop on LATEX	24/02/2017
Dr. Subed Das Gupta	Numerical Analysis in VLSI CAD	14-15/01/2017
Dr. R.K.Sharma	Numerical Analysis in VLSI CAD	14-15/01/2017
Upena D. Dalal	Introduction to Wireless Communication	17/04/2017
Prof. Manoj Duhan	Numerical Analysis in VLSI CAD	14-15/01/2017
Prof. Vinod Kumar Kapoor	Optical Network	19/12/2017
Dr. Brajesh Kumar Kaushik	Numerical Analysis in VLSI CAD	14-15/01/2017
Dr. S. H. Alsamhi	Greening Internet of things and Smart: Everything with A Green-Environment Life	28/08/2017

DEGREE AWARDEES:

B.TECH: 52

Ph.D. : 1

Names of Ph.D. Degree Awardees: Akhil Gupta

INFORMATION ABOUT FACULTY

Research Publications

1. Kumud Ranjan Jha and Satish K Sharma, "Combination of Frequency Agile and Quasi-Elliptical Planar Monopole Antennas in MIMO Implementations for Handheld Devices," IEEE Antennas and Propagation Magazine, Accepted, 2017.
2. Ubaid Baseer, Kumud Ranjan Jha, Ghanshyam Mishra, Ghanshyam Singh, and Satish K. Sharma, "Octahedron Shaped Linearly Polarized Antenna for Multi-Standard Services including RFID and IoT", IEEE Transactions on Antennas and Propagation, vol. 65, no. 7, pp. 3364 – 3373, 2017.
3. I. Malhotra, Kumud Ranjan Jha, and G. Singh, "Analysis of highly directive photoconductive dipole antenna at THz frequency", Optics Communications, vol. 397, pp. 129-139, 2017.
4. Chitra Singh, Kumud Ranjan Jha, V. Singh, and G. Singh, "Cross polarization reduction of microstrip antennas using microwave absorber," International Journal of RF and Microwave Computer Aided Design, vol. 27, no. 5, e21088, 2017.

5. Suhaib Ahmed, Vipin Kakkar, "Modeling and simulation of an eight-bit autoconfigurable successive approximation register analog-to-digital converter for cardiac and neural implants", *Simulation: Transactions of the Society for Modeling and Simulation International*, pp. 1-19, doi: 10.1177/0037549717716537, June 2017.
6. Vikram Kumar, Vipin Kakkar, "Miniaturized Resonant Power Conversion for Implanted Medical Devices", *IEEE Access*, doi: 10.1109/ACCESS.2017.2728364, Vol. pp, No. 99, 2017.
7. Suhaib Ahmed, Vipin Kakkar, "An electret-based angular electrostatic energy harvester for battery-less cardiac and neural implants", *IEEE Access*, doi: 10.1109/ ACCESS.2017.2739205, Vol. pp, No. 99, 2017.
8. Bisma Bilal, Suhaib Ahmed, Vipin Kakkar, "Optimal Realization of Universality of Peres Gate using Explicit Interaction of Cells in Quantum Dot Cellular Automata Nanotechnology", *International Journal of Intelligent Systems and Applications*, Vol. 9, No. 6, 2017, pp 75-84.
9. Suhaib Ahmed, Saima Bashir, Bisma Bilal, Vipin Kakkar, "Suhaib Ahmed, Saima Bashir, Bisma Bilal, Vipin Kakkar, "Feasibility of Successive Approximation Register ADC in Ultra Low Power Biomedical Applications", *International Journal of Engineering and Technology*, vol. 9, no. 3S, 2017, pp. 338-347
10. Bisma Bilal, Suhaib Ahmed, Vipin Kakkar, "QCA Based Efficient Toffoli Gate Design and Implementation for Nanotechnology Applications", *International Journal of Engineering and Technology*, vol. 9, no. 3S, 2017, pp. 84-92.
11. Bisma Bilal, Suhaib Ahmed, Vipin Kakkar, "Quantum dot Cellular Automata - A New Paradigm for Digital Design", *International Journal of Nanoelectronics and Materials* [Accepted May 2017, in Press].
12. Shagun Gupta, Kritika Ramesh, Suhaib Ahmed and Vipin Kakkar, "Lab-on-Chip Technology: A Review on Design Trends and Future Scope in Biomedical Applications" *International Journal of Bio-Science and Bio-Technology (IJBSBT)*, vol. 8, no. 5th October 2016.
13. Kritika Ramesh, Shagun Gupta, Suhaib Ahmed and Vipin Kakkar, "A Comprehensive Study on Design Trends and Future Scope of Implantable Drug Delivery Systems", *International Journal of Bio-Science and Bio-Technology (IJBSBT)*, Vol. 8, no. 6th December 2016.
14. Stuti Asthana, Amit kant Pandit and Anil Bhardwaj, "Analysis of Multiple Hidden Layer vs. Accuracy in Performance using Back Propagation Neural Network", *Indian journal of Science and Technology* Vol 10(4), DOI: 10.17485/ijst/2017/v10i4/110899, January 2017.
15. Naazira Badar, Rakesh Kumar Jha, "Performance comparison of various modulation schemes over free space optical (FSO) link employing Gamma-Gamma fading model", *Optical and Quantum Electronics*, vol 49(5), May 2017, I.F 1.290. (SCI).
16. Pimmy Gandotra, Rakesh Kumar Jha, Sanjeev Jain, "Green Communication in Next Generation Cellular Networks: A Survey", *IEEE Access*, vol 5, June 2017 (I.F. 3.244).
17. Rakesh Kumar Jha, Sanjeev Jain, Reeta Devi, Preetam Kumar "Implementation of Intrusion Detection System using Adaptive Neuro-Fuzzy Inference System for 5G wireless communication network", *AEU - International Journal of Electronics and Communications*, vol 74, pp 94-106, Feb 2017 (SCI Indexing, Impact Factor: 0.786).
18. Rakesh Kumar Jha, Aasif Bashir Dar, "Chromatic dispersion compensation techniques and characterization of fiber Bragg grating for dispersion compensation", *Optical and Quantum Electronics*, vol 49, no 108, 1-35, February 2017 (SCI Indexing, Impact Factor: 1.290).
19. Mohammad Sibgat Ullah, Rishab Kaw, Peer Athar Rasool, Neeraj Tripathi, Vikram Singh, "Current Trends in MEMS Drug Delivery Techniques", *International Journal of Engineering and Technology (IJET)*, Vol 9 No 2 April - May 2017, ISSN (Print): 2319-8613, DOI: 10.21817/ijet/2017/v9i2/170902284.
20. Satyendra Kumar Singh and Purnima Hazra, "Performance of RF Sputtered p-Si/n-ZnO Nanoparticle Thin Film Heterojunction Diodes in High Temperature Environment", *Applied Surface Science*, vol. 400, pp. 206-211, 1 April 2017, Online: 22nd December 2016 (Impact factor- 3.15).

Patents filed

1. Samiya Ali, Vipin Kakkar, No. 201711018518 - Biosensor for Multiple Lung-Cancer Biomarkers.
2. Baseerat Khan, Suhaib Ahmed, Vipin Kakkar, No. 201711018415 - In-vivo biosensor for hydrocephalus detection with cerebrospinal fluid monitoring.
3. Shagun Gupta, Manish Sabraj, Vipin Kakkar, No. 201711025173, MRI Compatible Integrated Circuit for Implantable Medical Devices.

Conferences/Workshops/Seminars/Short term Courses Attended

1. Kumud Ranjan Jha, Ghanshyam Mishra, and Satish K. Shatma, "Analysis and design of a microwave absorber for wireless communication systems," *IEEE Asia pacific Microwave Conference/ International Microwave and RF Conference*, New Delhi, India, 5th - 9th December, 2016.
2. Bisma Bilal, Suhaib Ahmed, Vipin Kakkar, "A Study on Implementation of Reversible Circuits in Quantum dot Cellular Automata for Nanotechnology Applications", *One-Day IEEE EDS Delhi Chapter and IETE Sponsored Mini Colloquium (MQ) cum National Seminar on "Advances in Electronic Devices and Circuits"*, Department of Electronics, University of Jammu, 26th April 2017.
3. Bisma Bilal, Suhaib Ahmed, Vipin Kakkar, "An Insight into Emerging Paradigms for Nanotechnology based Applications", *UGC National Seminar on Electronic Devices, Systems and Information Security (SEEDS)*, Department of Electronics and Instrumentation Technology, University of Kashmir, India, 24th

- 25th March 2017.

4. Vipin Kakkar "Writing Tips for Research Papers", 2 Week Refresher Course themed "Research Methodology", Human Resource Development Centre (H.R.D.C.), Shri Mata Vaishno Devi University, Katra, 14th - 17th March 2017.
5. Suhaib Ahmed, Bisma Bilal, Sparsh Sharma, Vipin Kakkar, "A Study on Feasibility of Energy Harvesting for Battery-less Pacemakers," 12th JK Science Congress, Jammu, 2nd - 4th March 2017.
6. Suhaib Ahmed, Bisma Bilal, Vipin Kakkar, "Electrostatic Energy Harvesting: An Alternative Energy Source for Cardiac Implants", UGC National Seminar on Electronic Devices, Systems and Information Security (SEEDS), Department of Electronics and Instrumentation Technology, University of Kashmir, India, 24th - 25th March 2017.
7. Saima Bashir, Suhaib Ahmed, Vipin Kakkar, "Design Trends of a Low Power Successive Approximation Register Analog-to-Digital Converter", 3rd International Conference on Recent Trends and Advancements in Engineering and Technology (ICRTAET), Shri Mata Vaishno Devi University, 17th - 18th November 2016.
8. Kritika Ramesh, Suhaib Ahmed, Vipin Kakkar, "An Implantable Drug Delivery System for Hypertensive Disorders", 3rd International Conference on Recent Trends and Advancements in Engineering and Technology (ICRTAET), Shri Mata Vaishno Devi University, 17th - 18th November 2016.
9. Shagun Gupta, Suhaib Ahmed, Vipin Kakkar, "Lab-on-Chip Sensor for In-vivo Diagnosis of Hypertension", 3rd International Conference on Recent Trends and Advancements in Engineering and Technology (ICRTAET), Shri Mata Vaishno Devi University, 17th - 18th November 2016.
10. Sanna Mairaj, Suhaib Ahmed, Vipin Kakkar, "A Survey of Low Power Preamplifiers: Emerging Technologies and Architectures for Biomedical Application", 3rd International Conference on Recent Trends and Advancements in Engineering and Technology (ICRTAET), Shri Mata Vaishno Devi University, 17th - 18th November 2016.
11. Bisma Bilal and Vipin Kakkar, "Towards The Next Generation Computing Using Quantum Dot Cellular Automata", Proc. of 3rd International Conference on Recent Trends and Advancements in Engineering and Technology, Katra, 17th - 18th November 2016.
12. Neeraj Tripathi and Vipin Kakkar, "Biomaterial-Based Implantable Devices for Neuromodulation", Proc. of 3rd International Conference on Recent Trends and Advancements in Engineering and Technology, Katra, 17th - 18th November 2016.
13. Neeraj Tripathi and Vipin Kakkar, "Implantable Medical Devices: Envisaging Trends and Applications", Proc. of 3rd International Conference on Recent Trends and Advancements in Engineering and Technology, Katra, 17th - 18th November 2016.
14. Vikram Kumar and Vipin Kakkar, "A Novel Resonant Topology for High Frequency Isolated Bidirectional Dual-Active Bridge Dc-Dc Converter for Power Conversion Systems", Proc. of 3rd International Conference on Recent Trends and Advancements in Engineering and Technology, Katra, 17th - 18th November 2016.
15. Vikram singh "A 2-10 GHz Ultra-Wideband Common-Gate Low Noise Amplifier using Body Bias Technique in 0.18 μm CMOS",





2nd IEEE International Conference on Devices of Integrated Circuits on 23rd - 24th March 2017 at Kalyani Govt. Engg. College Kolkata

16. Purnima Hazra, Satyendra Kumar Singh and P. Chakrabarti "Fabrication and Characterization of p-Si/ Mg_xZn_{1-x}O Thin Film Heterojunction Diodes Grown by RF Magnetron Sputtering Technique", 3rd International Conference on

Nanoscience and Nanotechnology (ICNSNT-2016), 15th -16th December 2016, Colombo, Sri Lanka

17. Gagandeep Singh, Purnima Hazra, "Comparison and Performance Analysis of Double Gate and Single Gate SOI MOSFET", IEEE EDS Mini Colloquium cum National Seminar, Department of Electronics University of Jammu, 26th April 2017

Conferences/ Seminars /Workshops/FDPs/MDPs

S.No.	Name of Workshops/Short term courses	National / International	Date
1	UGC Sponsored 2 Day workshop on Ultra Low Power VLSI Design for Biosensors and Implant Medical,	National	December 2 - 3 2016
2	UGC Sponsored 2 Day workshop on Numerical Analysis in VLSI CAD using MATLAB and SIMULINK	National	January 14 -15 2017
3	ISTE STTP on "CMOS Mixed Signal and Radio Frequency VLSI Design"	National	January 30 - February 4 2017
4	SystemVue Electronic System-Level (ESL) Design Software	National	June 12 - 14 2017
5	ISTE STTP on "Electric Power Systems"	National	July 5 - 15 2017

Ph.D. Guided

Name of the Faculty	Name of the student	Thesis title	Status
Dr. Vipin Kakkar	Suhaib Ahmed Batt	A Configurable Ultra Low Power Data Converter for Cardiac and Neural Implants	Thesis submitted in July 2017

STUDENTS' ACHIEVEMENT

3 patents filed, and 24 papers published/presented by PG and research students

1 Ph.D. awarded and 1 Ph. D. thesis submitted

SCHOOL OF ENERGY MANAGEMENT

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1.	Dr. Sanjeev Anand	Assistant Professor	Ph.D	Exergy, Refrigeration and Air-conditioning systems, I. C. Engines, Heat and Mass Transfer
2.	Dr. Vineet V. Tyagi	Assistant Professor	Ph.D., Post Doctorate	Solar Energy Applications, Energy Storage, Phase Change Materials
3	Dr. Ankush Gupta	Assistant Professor	Ph.D.	Chemical Exergy, Refrigeration and Air-conditioning systems

PROGRAMMES OFFERED & ENROLLMENT:

B. TECH.

M. TECH.

M.Tech (Renewable Energy)

DETAILS OF M.TECH./M.SC./M.A STUDENTS:

BATCH	ADMITTED STUDENTS		
2016 ENTRY	MALE	FEMALE	TOTAL
	7	6	13

DETAILS OF RESEARCH SCHOLARS:

YEAR 2016-17	PH.D.		
	MALE	FEMALE	TOTAL
Admitted 2016-17	04	-	04
Awarded 2016-17	01	-	01
Total Presently under Supervision	06	-	06

DEGREE AWARDEES:

Ph.D. : 1

Names of Ph.D. Degree Awardees: Ankush Gupta

INFORMATION ABOUT FACULTY

Research Projects Initiated & Completed by the Faculty

Title of the Project	Funding agency	Amount sanctioned	Status/Duration
Development of Solar Thermal Photovoltaic Hybrid System with PCM's storage unit for heating and cooling application in Buildings	Department of Science and Technology, Govt. Of India	06 lakhs	In progress



Research Publications

1. Gupta, A., Anand, Y. Anand, S. Tyagi, S.K., (2016) Economic and thermodynamic study of different cooling options: A Review. *Renewable and Sustainable Energy Reviews* 62:164-194. DOI: 10.1016/j.rser.2016.04.035
2. Anand, S., Gupta, A., Anand, Y. Tyagi, S.K., (2016) Use of Process steam in the Vapor Absorption Refrigeration Machine for Cooling & Heating Applications. *Cogent Engineering* 3: 1160639. (Taylor & Francis) DOI: <http://dx.doi.org/10.1080/23311916.2016.1160639>
3. Anand, Y., Gupta, A., Abrol, A., Ayush Gupta, Kumar, V. Tyagi, S.K. Anand, S., (2016) Optimization of machining parameters for green manufacturing. *Cogent Engineering* 3(1):1153292. (Taylor & Francis) DOI: <http://dx.doi.org/10.1080/23311916.2016.1153292>
4. A. K. Pathak, Har Mohan Singh, Aditya Chauhan, Sanjeev Anand, and V. V. Tyagi, (2016), Thermal energy storage: way of sustainable development, *International Journal of Scientific and Technical Advancements*, Volume 2, Issue 4, pp. 7-12.
5. Parmarth Gupta, Sanjeev Anand, Himanshu Gupta, Developing a roadmap to overcome barriers to energy efficiency in buildings using best worst method, *Sustainable Cities and Society* (In Press)
6. Vinayak V Pathak, Richa Kothari, Vineet V Tyagi, Balchandra Yadav. (2016). Policy Reforms in Indian Energy Sector to Achieve Energy Security and Sustainability
7. Vinayak V Pathak, Shamshad Ahmad, Arya Pandey, Vineet V Tyagi, D Buddhi, Richa Kothari. (2016). Deployment of Fermentative Biohydrogen Production for Sustainable Economy in Indian Scenario: Practical and Policy Barriers with Recent Progresses. *Journal of Current Sustainable/Renewable Energy Reports*; 3(3-4):101-107
8. Ali Karaiepli, Alper Biçer, Ahmet Sarı, Vineet Veer Tyagi. (2017). Thermal characteristics of expanded perlite/paraffin composite phase change material with enhanced thermal conductivity using carbon nanotubes. *Energy Conversion and Management*; 134: 373-381.
9. Richa Kothari, Virendra Kumar, Vinayak V Pathak, VV Tyagi. (2017). Sequential hydrogen and methane production with simultaneous treatment of dairy industry wastewater: Bioenergy profit approach. *International Journal of Hydrogen Energy*; 42(8): 4870-4879.
10. Richa Kothari, Vinayak V Pathak, Arya Pandey, Shamshad Ahmad, Chandni Srivastava, VV Tyagi. (2017). A novel method to harvest *Chlorella* sp. via low cost bioflocculant: Influence of temperature with kinetic and thermodynamic functions. *Bioresource Technology*; 225: 84-89.
11. Richa Kothari, Virendra Kumar, Vinayak V Pathak, Shamshad Ahmad, Ochieng Aoyi, VV Tyagi. (2017). A critical review on factors influencing fermentative hydrogen production. *Frontiers in Bioscience*; 22:1195.

Book Chapter:

1. AK Pandey, NA Rahim, Md Hasanuzzaman, PC Pant, VV Tyagi. (2017). Solar Photovoltaics (PV): A Sustainable Solution to Solve Energy Crisis. Green Technologies and Environmental Sustainability: Springer International Publishing, pp.157-178.

Conferences/Workshops/Seminars/Short term Courses Attended

1. Dr. Vineet V. Tyagi, Assistant Professor attended and presented a paper in International Conference on Clean Energy and Technology), Kuala Lumpur, Malaysia.

Conferences/ Seminars /Workshops/FDPs/MDPs Organized

1. International Conference on “Renewable Energy for Sustainable Environment: Challenges and Remedies” being organized by Department of Energy Management for 20th - 21st March 2107.

Ph.D. Guided

Awarded: 01

Submitted: 01

Ongoing: 05

Students' Achievement

- Presented Research papers in National & International Conference
- Undergone training at various institutes of repute.
- Recipient of Inspire Fellowship
- Recipient of Best Oral presentation award for presenting paper at International Conference



SCHOOL OF MECHANICAL ENGINEERING

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1.	Dr. IK Pandita	Professor	Ph.D.	Design
2.	Dr. Balbir Singh	Associate Professor	Ph.D.	Production
3.	Dr. Ankush Anand	Associate Professor	Ph.D.	Design
4.	Dr. R. K. Mishra	Associate Professor	Ph.D.	Computational Mechanics and Materials science
5.	Dr. Azher Jameel	Assistant Professor	Ph.D.	Design
6.	Mr.Yatheshth Anand	Assistant Professor	Ph.D. Thesis submitted	CAD/CAM
7.	Mr. Sanjay Mohan Sharma	Assistant Professor	Ph.D. Thesis submitted	Industrial
8.	Mr. Varun Dutta	Assistant Professor	Ph.D. pursuing	Design
9.	Mr. Sanjay Sharma	Assistant Professor	Ph.D. pursuing	Thermal
10.	Mr.Mir Irfan-UI-Haq	Assistant Professor	Ph.D. pursuing	Design
11.	Mr.Kapil Chopra	Assistant Professor	Ph.D. pursuing	Thermal
12.	Mr. Amit Kr. Sinha	Assistant Professor	Ph.D. pursuing	Industrial
13.	Mr. Rajiv Kumar	Assistant Professor	Ph.D. pursuing	Industrial & Production
14.	Mr. Ankush Raina	Assistant Professor	Ph.D. pursuing	Design

PROGRAMMES OFFERED & ENROLLMENT:

B. TECH.

B.Tech Mechanical Engineering

M. TECH.

M.Tech (Manufacturing and Automation)

DETAILS OF B.TECH. MECHANICAL ENGINEERING STUDENTS:

BATCH	ADMITTED STUDENTS		
2016 ENTRY	MALE	FEMALE	TOTAL
	39	NIL	39

DETAILS OF M.TECH.(M&A) STUDENTS:

BATCH	ADMITTED STUDENTS		
2016 ENTRY	MALE	FEMALE	TOTAL
	11	02	13

DETAILS OF RESEARCH SCHOLARS:

YEAR 2016-17	PH.D.		
	MALE	FEMALE	TOTAL
Admitted 2016-17			
Awarded 2016-17			
Total Presently under Supervision	06	-	06

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

RESOURCE PERSON	TOPIC OF THE LECTURE	DATE
Dr. Arvind Singh and Dr. S.Jayalaxmi, BIT, Coimbatore, TN	Materials: Shaping the future	6th March 2017
Professor Sunil Pandey IIT Delhi	Series Lecture on Welding Technology	6th -9th April 2017
Professor Sunil Mohan, IIT BHU	Material Processing	11th -12th April 2017
Professor Sanjay Gupta, IIT Kharagpur	Finite Element Methods on BioMaterials	8th April 2017
Professor RK Pandey, IIT Delhi	Nature based optimization for Mechanical Engineering	8th April 2017

DEGREE AWARDEES:

B.Tech. (Mech.Engg.): 54

M.Tech. (M&A): 10

INFORMATION ABOUT FACULTY

1. Dr. Balbir Singh completed his Ph.D. in Mechanical Engineering from NIT Kurukshetra in July 2016. His thesis title "Parametric investigation and surface modification in electric discharge machining of 6061 Al/SiCp metal matrix composite
2. Dr. Balbir Singh, and Dr. Ankush Anand promoted to Associate Professor in DoME in March 2017
3. Prof. (Dr.) I. K. Pandita Joined DoME as a Professor
4. Dr. R. K. Mishra joined DoME as an Associate Professor with effect from 01 March 2017.
5. Dr. Balbir Singh organised Teachers Day Celebration on 05 Sep 2016 at University level for faculty members and section heads of SMVDU. Serving Principals and Retired principals from nearby villages were honoured.
6. Dr. Balbir Singh promoted to Associate Professor in School of Mechanical Engineering with effect from 1st March 2017.
7. Dr. Balbir Singh visited Singapore for presenting a paper "Multi-Objective Optimization in Electrical Discharge Machining of 6061 Al/SiCp using RSM and NSGA-II" in 6th International Conference on 'Advanced Materials and Engineering Materials (ICAMEM2017), 11th - 12th March 2017.
8. Mr. Sanjay Mohan Sharma, Assistant Professor and Mr. Mir Irfan Ul Haq, Assistant Professor, Department of Mechanical Engineering attended MOOC course on "Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading" hosted by Georgia Institute of Technology, USA and successfully completed the certification.
9. Mr. Kapil Chopra, Assistant Professor, Department of Mechanical Engineering attended MOOC course on "Thermodynamics: Transferring Energy from here to there"

hosted by University of Michigan, U.S.A and successfully completed the certification.

10. Mr. Ankush Raina, Assistant Professor, Department of Mechanical Engineering attended MOOC course on "Fundamentals of Fluid Power" hosted by University of Minnesota, U.S.A and successfully completed the certification.

Research Publications

1. Kumar Sinha, A., Anand, A., Towards fuzzy preference relationship based on decision making approach to access the performance of suppliers in environmental conscious manufacturing domain, Computers & Industrial Engineering (2017), doi: <http://dx.doi.org/10.1016/j.cie.2016.12.033>.
2. Kashyap, Shweta, and Amit Kumar Sinha. Industrial Inspection: A Machine Vision Approach. (2016), International Journal of Scientific & Technical Advancement 2 (4), 71-74
3. M Bairagi, A Sinha, A Anand, Guillotine side trimming shear machine: A case study of plate mill in Bhilai steel plant, (2016), Engineering Solid Mechanics 4 (4), 226-234. (Scopus Index)
4. Ankush Anand, R. A. Khan, MF Wani, "Development of a sustainability risk assessment index of a mechanical system at conceptual design stage" Journal of Cleaner Production 139, 2016, 258-266.
5. Ankush Anand, Sanjay Mohan Sharma, (2017) "High Temperature Friction and Wear Characteristics of Fe-Cu-C Based Self-Lubricating Material", Trans Indian Inst Met, DOI 10.1007/s12666-017-1124-8.
6. Sharma, S. M., Anand, A. "Solid Lubrication in Iron Based Materials — A Review" Tribology in Industry. 2016, Vol. 38 Issue



3, p 318-331.

7. Ankush Anand, Mir Irfan Ul Haq, Ankush Raina, M.F.Wani, "A holistic Framework for Selection of Biomaterials for Biotribological Applications", ICoBT, Imperial College London, United Kingdom (2016).
8. AzherJameel, G. A. Harmain, Y. Anand, J. H. Masoodi, F. A. Najar "Effect of Inclusions on the Shape and Size of Crack Tip Plastic Zones by Element Free Galerkin Method", International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, Vol. 11, No. 3, pp. 414-419, 2017.
9. AzherJameel, G. A. Harmain, Y. Anand, J. H. Masoodi, F. A. Najar, "Effect of Inclusions on the Shape and Size of Crack Tip Plastic Zones by Element Free Galerkin Method (EFGM)", Proceedings of the 19th International Conference on Theoretical and Computational Mechanics (ICTCM-2017), held at London, United Kingdom, Vol. 19 (3), pp. 1267-1272, 14th - 15th March 2017.
10. G. A. Harmain, Azher Jameel, F. A. Najar, J. H. Masoodi, "Large Elasto-Plastic Deformations in Bi-material Components by Coupled FE-EFGM", International Conference on Advanced Material Technologies (ICAMT-2016), held at DIET, Visakhapatnam, Andhra Pradesh, India, 27th - 28th December 2016.
11. Azher Jameel, G. A. Harmain, "Fatigue Crack Growth Analysis of Cracked Specimens by XFEM and EFGM", Proceedings of the 61st Congress of The Indian Society of Theoretical and Applied Mechanics (An International Conference), held at VIT University, Vellore, India, 61-istam-sm-fp-317, pp. 1-10, 11th - 14th December 2016.
12. Azher Jameel, G. A. Harmain, "Estimation of Crack Tip Plastic Zones by XFEM, EFGM and Coupled FE-EFG Techniques", Proceedings of the 61st Congress of The Indian Society of Theoretical and Applied Mechanics (An International Conference), held at VIT University, Vellore, India, 61-istam-sm-fp-347, pp. 1-10, 11th - 14th December 2016.
13. Singh, Navdeep, Irfan Ul Haq Mir, Ankush Raina, Ankush Anand, Vinay Kumar, and Sanjay Mohan Sharma, "Synthesis and tribological investigation of Al-SiC based nano hybrid composite." Alexandria Engineering Journal (2017).
14. Avi Gupta, Rahul Sethi, Sanjay Mohan Sharma, Ankush Anand, Mir Irfan-ul-Haq, "Strengthening Mechanisms for Single Phase Alloys- A Review", National Conference on innovative trends in mechanical engineering, 3rd - 4th March-2017.
15. Rahul Sethi, Avi Gupta, Sanjay Mohan Sharma, Ankush Raina, Rajiv Kumar, "Engineering materials and their properties: A review", National Conference on innovative trends in mechanical engineering, 3rd - 4th March-2017
16. Sachin, Ritendra Sharma, Avi Gupta, Sanjay Mohan Sharma, "Green Tribology: Elements, principles and perspectives" International Conference on Renewable Energy for Sustainable Environment: Challenges and Remedies, SMVDU, 20th - 21st March
17. Ankush Anand, Mir Irfan Ul Haq, Ankush Raina, Karan Vohra, Rajiv Kumar, Sanjay Mohan Sharma, "Natural Systems and

Tribology- Analogies and Lessons” presented in 6th International Conference on Materials Processing and Characterization held at Victoria University, Melbourne, Australia, December 2016. The paper has been published in “Materials Today” proceedings of Elsevier.

18. Anand, A., K. Vohra, M. I. Ul Haq, A. Raina, and M. F. Wani. “Tribological Considerations of Cutting Fluids in Machining Environment: A Review.” *Tribology in Industry* 38, no. 4 (2016). (Scopus).
19. Anand, Ankush, Mir Irfan Ul Haq, Karan Vohra, Ankush Raina, and M. F. Wani. “Role of Green Tribology in Sustainability of Mechanical Systems: A State of the Art Survey.” *Materials Today: Proceedings* 4, no. 2 (2017): 3659-3665. (Scopus)
20. Singh, Navdeep, Irfan Ul Haq Mir, Ankush Raina, Ankush Anand, Vinay Kumar, and Sanjay Mohan Sharma. “Synthesis and tribological investigation of Al-SiC based nano hybrid composite.” *Alexandria Engineering Journal* (2017). (Scopus)
21. Mir Irfan Ul Haq, Sanjeev Anand, Yatheshth Anand, Tavqeer Nasir Taq. “Role of Computer Aided Engineering in Mitigation of Automotive Chassis Failures” *Advanced Materials Manufacturing & Characterization* Vol 6 Issue 2 (2016).
22. Er. Mir Irfan Ul Haq attended a QIP Short-term course on “Tribology of Soft Matters: Biotribology, Microsystems and Automotive Applications” organized by Department of Mechanical Engineering and Industrial Tribology, Machine

Dynamics and Maintenance Engineering Centre (ITMMEC), IIT Delhi, New Delhi from 7th – 11th November 2016

23. Varun Dutta, Sanjay Sharma, Kapil Chopra, Balbir Singh, *Hybrid Electric Discharge Machining Processes for Hard Materials: A Review*, *International Journal of Material focus*(American Scientific Publishers), 5, 202-208 (2016)
24. Alankrit Srivastava, Sahil Arora, Varun Dutta, Sanjay Sharma, Kapil Chopra, A Review on Photo Voltaic Thermal Systems, *International Journal of Scientific and Technical Advancements* 2, 53-56 (2016).
25. Varun Dutta, Sanjay Sharma, Kapil Chopra and Balbir Singh, “Hybrid Electric Discharge Machining Processes for Hard Materials: A Review”, *American Scientific Journal*, Vol. 5, pp. 202-208, 2016, ISSN: 2169-429X.
26. Pranav Dev Srivyas, Sahil Singh, Balbir Singh, “Study of various maintenance approaches types of failure and failure detection techniques used in hydraulic pumps: A Review”, *Industrial Engineering Journal*, Vol. X & Issue No. 5th May 2017, pp: 27-35.

Conferences/Workshops/Seminars/Short term Courses Attended

1. Dr. Azher Jameel, Asstt. Prof., DoME, attended and presented a paper in the 19th International Conference on Theoretical and





- Computational Mechanics (ICTCM-2017), held at London, United Kingdom, 14th -15th March 2017
2. Dr. Azher Jameel, Asstt. Prof., DoME, attended and presented a paper in the International Conference on Advanced Material Technologies (ICAMT-2016), held at Dadi Institute of Engineering and Technology, Vishakapatnam, Andhra Pradesh, India, 27th - 28th December 2016.
 3. Dr. Ankush Anand, Associate Prof., DoME, attended and presented a paper in the 3rd International Conference on Biotribology on the title "A holistic Framework for Selection of Biomaterials for Biotribological Applications", at Imperial College London, United Kingdom (2016).
 4. Balbir Singh, Sudhir Kumar and Jatinder Kumar, "Multi-Objective Optimization in Electrical Discharge Machining of 6061 Al/SiCp using RSM and NSGA-II" 6th International Conference on 'Advanced Materials and Engineering Materials (ICAMEM2017), March 11-12, 2017, Singapore sponsored by BOSI EDU.
 5. Sahil Thappa, Pranav Dev Srivyas, Balbir Singh, "Wire Electrical Discharge Machining Research Insights and Its Applications - A Review", National Conference on Innovative Trends in Mechanical Engineering - NCITME 2017, SMVDU, Katra.
 6. Sahil Singh, Sahil Thappa, Balbir Singh, "Research Insights in Micro-Electrical Discharge Machining - A Review" National Conference on Innovative Trends in Mechanical Engineering - NCITME 2017, March 03-04, 2017, SMVDU, Katra.
 7. Pranav Dev Srivyas, Sahil Singh, Balbir Singh, "Past and Current Status of Hybrid Electric Discharge Machining (H-EDM) Processes", National Conference on Innovative Trends in Mechanical Engineering - NCITME 2017, 3rd - 4th March 2017, SMVDU, Katra.
 8. Er. Rajiv Kumar, Asstt. Prof., DoME, attended and presented a paper in the 6th International Conference on Materials Processing and Characterization held at Victoria University, Melbourne, Australia, December 2016.
 9. Mir Irfan Ul Haq, Ankush Raina, Karan Vohra, Rajiv Kumar, Ankush Anand, "An Assessment of Tribological Characteristics of Different Materials under Sea Water Environment" ICMPC 2017, GRIET Hyderabad.
 10. Ankush Anand, Mir Irfan Ul Haq, Ankush Raina, Karan Vohra, Rajiv Kumar, Sanjay Mohan Sharma. "Natural Systems and Tribology- Analogies and Lessons", Proceedings: ICMPC 2016, 6th International Conference on Materials Processing and Characterization, 5th - 6th December 2016, Melbourne, Australia.
 11. A. Anand, M.I. Ul Haq, A. Raina, M.F Wani, "A Holistic Framework for Selection of Biomaterials for Biotribological Applications", 3rd International conference on Bio Tribology (ICoBT-2016), held at Imperial College London, London, UK, 11-14th September, 2016.
 12. Kapil Chopra, Energy, Energy, Exergy and Sustainability Investigation of Waste Heat Recovery Vapor Compression Refrigeration System with Silver Nanofluid, International

conference of Renewable Energy for Sustainable Environment: Challenges and Remedies, 2017, Shri Mata Vaishno Devi University, Katra.

13. Sanjay Sharma, To study performance parameters of hydrodynamic journal, National tribology conference, Department of Mechanical Engineering, 2016, IIT (BHU), Varanasi.
14. Sanjay Sharma, CFD based investigation of artificially Roughened Duct used in Solar Air heater, International conference on new and renewable Energy resources for Sustainable future, Department of mechanical engineering, 2017, SKIT, Jaipur, India
15. Sanjay Sharma, CFD based transient analysis of hydrodynamic journal bearing, 3rd International conference on Recent Trends and Advancements in Engineering and Technology (ICRTAET, 17th – 18th November 2016) organized by Shri Mata Vaishno Devi University, Katra
16. Sanjay Sharma, Heat Transfer in Nanofluids, 3rd International conference on Recent Trends and Advancements in Engineering and Technology (ICRTAET, 17th – 18th November, 2016) organized by Shri Mata Vaishno Devi University, Katra
17. Ameikav Sharma, Amit Kumar Sinha, Potential of ultrasonic testing approach in mechanical engineering applications, National Conference on Innovative Trends in Mechanical Engineering (NCITME 2017); 3rd – 4th March 2017, SMVDU, Katra
18. Kashyap Shweta, Amit Kumar Sinha, 3rd International Conference on recent Trends & Advancements in Engineering & Technology; 17th–18th November 2016, SMVDU, Katra
19. Dr. Azher Jameel, Asstt. Prof., DoME, attended one day workshop on “Patent Drafting and Filing”, organized by Department of Biotechnology, Shri Mata Vaishno Devi University, Katra in collaboration with Technology Information, Forecasting and Assessment Council (TIFAC), Department of Science & Technology (DST), Govt. of India on 20th October 2016.
20. Dr. Azher Jameel, Asstt. Prof., DoME, attended one day workshop on “Patent Drafting and Filing”, organized by Department of Biotechnology, Shri Mata Vaishno Devi University, Katra in collaboration with Technology Information, Forecasting and Assessment Council (TIFAC), Department of Science & Technology (DST), Govt. of India on 20th October 2016.
21. Dr. Ankush Anand, Associate Prof., DoME, attended an ICT based short term course on “Optimization Using MATLAB”, organized by Department of Mechanical Engineering, Shri Mata Vaishno Devi University, Katra in collaboration with NITTTR, Chandigarh from 24th – 28th October 2016.
22. Dr. Azher Jameel, Asstt. Prof., DoME, attended an ICT based short term course on “Optimization Using MATLAB”, organized by Department of Mechanical Engineering, Shri Mata Vaishno Devi University, Katra in collaboration with NITTTR, Chandigarh from 24th – 28th October 2016 (1 Week).
23. Dr. Ankush Anand, Associate Prof., DoME, attended a one day

workshop on “Patent Drafting and Filing”, organized by Department of Biotechnology, Shri Mata Vaishno Devi University, Katra in collaboration with Technology Information, Forecasting and Assessment Council (TIFAC), Department of Science & Technology (DST), Govt. of India on 20th October 2016.

24. M. I. Ul Haq attended QIP Short-term course on “Tribology of Soft Matters: Biotribology, Microsystems and Automotive Applications” organized by Department of Mechanical Engineering and Industrial Tribology, Machine Dynamics and Maintenance Engineering Centre (ITMMEC), IIT Delhi, New Delhi from 7th – 11th November 2016
25. M. I. Ul Haq, and Ankush Raina, attended 30th Orientation Course at HRDC Punjabi University Patiala from 20th June – 16th July 2016
26. M. I. Ul Haq, Published a newspaper article entitled “Design for Pedestrians” in daily Greater Kashmir in Jammu Edition
27. Mr. Sudesh Kumar, Lab. Asstt. And Mr. Jai Karan, Workshop Operator attended short term training course on “Metrology Laboratory Practices” conducted by NITTTR Chandigarh from 17th – 21st July, 2017
28. Er. Rajiv Kumar, Asstt. Prof., DoME, attended 1 week QIP short term course on “Materials Tribology: Fundamentals and Recent Advances” at IIT-BHU from 23rd – 29th March, 2017.
29. Dr. Balbir Singh attended 11 National Quality Conclave on ‘Improving Quality for our 1.2 billion citizens organised by Quality Council India, New Delhi on 19th – 20th August 2016.
30. Dr. Balbir Singh attended STC on ‘Nature Inspired Optimization’ organised by Department of Electronics and Communication, MNIT Jaipur on 21st – 23rd October 2016.
31. Dr. Balbir Singh attended DST-NIMAT sponsored FDP on Entrepreneurship Development organised by EDC, SMVDU, Katra on 12th – 24th December 2016.
32. Dr. Balbir Singh attended Sig Sigma Green Belt Training Program organised by Indian Statistical Institute, New Delhi on 24th – 26th May 2017.

Conferences/ Seminars /Workshops/FDPs/MDPs Organized

1. National Conference, DoME: The Department of Mechanical Engineering organized a 2-day National Conference on Innovative Trends in Mechanical Engineering (NCITME 2017) in collaboration with the Indian Institution of Industrial Engineering (IIIE) on 3rd – 4th March 2017. More than 50 papers presented from various institutions across country.
2. Industrial Academia Conclave – 2017: A one day Industrial Academia Conclave was organized by the Department of Mechanical Engineering, SMVDU on 3rd March 2017. The conclave saw the participation of experts from different industries namely). Representatives from Jammu Industries (Kamal Gupta, M/S Shubham Industries; Sandeep Gupta, M/S Kashmir Jam Industries; Milind Gupte (Emcure Pharmaceuticals); Vinay Sharma Berger Paints India Ltd and



D. S. Gujral, TV Super Filter Industry), Director General IIE, Mumbai, NITI Powai, EDC SMVDU, TBIC SMVDU, T&P SMVDU participated in conclave. Discussion held to strengthen Institution and local industries by helping each other.

3. A National Seminar on "Mechanical Engineering- Research Opportunities and Challenges" was organized by Dr. Ankush Anand, Associate Professor, DoME on 8th April 2017.
4. 6th ICT based one week Workshop "Optimization using MATLAB", from 24th - 28th October 2016 conducted by Department of Mechanical Engineering, SMVD University in collaboration with NITTTR Chandigarh

Ph.D. Guided:

Two theses submitted

Students' Achievement

1. Akshay Bhat, Batch (2012-16) Mechanical Engineering Graduate Presently Management Student (National Institute of Industrial Engineering), Mumbai
2. Taken students of B.Tech 5th semester to GHTP Lehra Mohabatan and National Fertilizer Limited, Bhatinda, Punjab 16th - 17th November 2016
3. 28 students qualified GATE 2017 from Department of Mechanical Engineering.
4. Taken students of M.Tech 2nd and 4th semester to Dabur Group, Bari Brahmana and Shuvam Industries, Industrial Estate, Jammu (M.Tech students) April 2017.

FACULTY OF MANAGEMENT



SCHOOL OF BUSINESS

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1	Prof. D. Mukhopadhyay	Professor	M. Com., M. A. (Eco)., MFM., MBA, LL. B., FCMA (India), FCS (India), FCMA(Nigeria), Ph. D., D. Litt., Cost & Management Accountant (CMA) & Company Secretary (CS)	Finance & Accounting, Marketing and General Management
2	Dr. Suparn Kumar Sharma	Associate Professor	M.A. (Economics), M. Phil., Ph. D.(KUK), SLET, UGC-NET	Decision Science, Project Management, Research Methods, International Business and Entrepreneurship Management
3	Dr. Jyoti Sharma	Associate Professor	M. Com., Ph. D.	Human Resource Management, Organization Behaviour
4	Dr. Ashutosh Vashishtha	Associate Professor	M. B.A, Ph.D., NET	Finance
5	Dr. Sushil Kumar Mehta	Assistant Professor	B. Tech., MBA, Ph. D	Accounting & Finance
6	Dr. Saurabh	Assistant Professor	M. B. A., PGHRD, UGC-NET, CFMS, Ph.D.	Marketing, Strategic Management
7	Dr. Harigovind Mishra	Assistant Professor	MBA, Ph.D.	Marketing
8	Dr. Sanjay Kumar Mishra	Assistant Professor	MBA (University Topper), Ph.D., NET, GATE	Finance
9	Dr. Arti Maini	Assistant Professor	MBA, Ph.D.	Human Resource Management, Organizational Behaviour
10	Dr. Rashi Taggar	Assistant Professor	MBA, NET, Ph.D.	Supply Chain Management, Consumer Psychology, Behavioural Management
11	Dr. Deepak Jain	Assistant Professor	MBA, PGDM, ST&SM, DIEM, Ph.D.	Marketing Management, Services Marketing, Retail Marketing.
12	Dr. Syeda Shazia Bukhari	Assistant Professor	MBA, UGC-NET, SET, FDP-IIMK, Ph.D.	HRM & Marketing

PROGRAMMES OFFERED & ENROLLMENT:

MBA

DETAILS OF M.B.A. STUDENTS:

BATCH	ADMITTED STUDENTS		
	MALE	FEMALE	TOTAL
2016 ENTRY MBA	33	26	59

DETAILS OF RESEARCH SCHOLARS:

YEAR 2016-17	PH.D.		
	MALE	FEMALE	TOTAL
Admitted 2016-17	1	3	4
Awarded 2016-17	4	0	4
Total Presently under Supervision	13	14	27

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

RESOURCE PERSON	TOPIC OF THE LECTURE	DATE
Mr. Arush Mahajan, CEO, INR Deal Pvt. Ltd.	Business Development and International Marketing	24th January 2017
Mr. Alex P. Mattam Vice President & COO Electomech Enterprises Pvt. Ltd.	SAP	25th January 2017
Ms. Shivani Langeh, Regional Marketing Expert Global Sign	Soft Skills and Success in Corporate	27th February 2017
Prof. Abhinandan Jain, Adjunct Professor, IIM-A	Case Analysis for Management	31st March 2017
Prof. Sushil Professor, IIT Delhi	Flexible Management Systems	12th April 2017

DEGREE AWARDEES:

M.B.A.: 36 awarded in 2016

Ph.D.: 4

Names of Ph.D. Degree Awardees:

Dileep Raina, Vishal Sharma, Major General Souresh Bhattacharya, Vivek Sharma

INFORMATION ABOUT FACULTY

Research Projects Initiated & Completed by the Faculty:

Faculty	Title of the Project	Funding agency	Amount sanctioned	Status/Duration
Dr. Arti Devi	Engaging Employees: An Insight from Small and Medium Scale Enterprises (SMEs) of Jammu Region, J&K State	UGC	9,18,400	In process/ 3 years
Dr. Saurabh	Training Need Assessment of the employees of SMVD Shrine Board	SMVDSB	2.85 Lakhs	Completed/ One year
Dr. Saurabh	A Comparative study of firm level competitiveness of food processing units of Himachal Pradesh and Jammu and Kashmir	ICSSR	10 Lakhs	Completed

Research Publications

1. (Book Published) Sharma, J. and Sharma, S.K. (2016), Technological Changes in Manufacturing Organizations: A Study of North-West States of India, Mumbai: Himalaya Publication House ISBN 978-93-5262-390-7
2. Sultan, A. Saurabh and Jain, D. (2016). Technology-driven Competitiveness in Agro-food Processing: A Study of Select Units of Jammu and Kashmir, India. South Asian Journal of Management (SAJM), 23(4), 54-68
3. Sultan, A. Saurabh and Jain, D.(2016). Competitiveness of Agro-Food Processing Firms: Productivity Approach. Skyline Business Journal. 12 (1), 87-92
4. Bukhari, S. S. and Gupta, M (2016). Religious Tourism in Katra- A Gap Analysis of Skill Requirements of Human Resources Operating at Various Levels. IJCEM, 3(5), 46-54
5. Mishra, H.G., Sinha, P. K. and Koul, S. (2017). Customer Dependence and Customer Loyalty in Traditional and Modern Format Stores, Journal of Indian Business Research, 9 (1), 59-78.
6. Koul, S., Sinha, P. K. and Mishra, H. G. (2017). Customer Perceptions of Product Assortment Leading to Store Patronage: A Study of Small Retailers, International Journal of Business and Emerging Markets, (in press)
7. Sharma, M., Sinha, P.K. and Mishra, H.G. (2016) Customer Profiling of Generation-Y Females Purchasing Handbags in Jammu, EDI W.P. No. CREED/2016/01.
8. Sinha, P.K., Mishra, H.G. and Koul, S. (2016) Small Retailer's Merchandise Decision Making: A Grounded Theory Approach, IIM A, WP- No. 2016 -05-03.
9. Magotra, I., Sharma, J., and Sharma, S. (2017) A Composite Index to Measure Technology Adoption Behavior of Individuals, IIMS Journal of Management Science, Shillong, 8(1), 29-51
10. Magotra, Irbha, Sharma, Jyoti, Sharma Suparn (2016) Assessing Personal Disposition of Individuals towards Technology Adoption, Future Business Journal, 2, 81-101
11. Shravani and Sharma, S.K. (2016). Financial Development and Economic Growth in Selected Indian States: A Dynamic Panel Analysis, Journal on Income and Wealth, 37 (2), 1-11.
12. Sharma V., Jain, S. K. and Sharma, S. K. (2016). Identifying Challenges and Generating Inputs for New Business-Incubators, Journal of Management and Entrepreneurship, 10 (3), 50 - 64.
13. Koul, S., Sinha, P. K. and Mishra, H. G. (2016). Antecedents to Customer Dependency in Buyer Seller Relationship: A BOP Retailer Investigation, Global Business Review, 17(3), 610-629.
14. Dar, A. A. and Mehta, S.K. (2016). Analysis of the Financial Support for Hotel and Lodging Industry in Kashmir: Perspectives on Institutional Sustainability Initiatives, International Journal of Research in Commerce, Economics and Management, 6(1), 60-64
15. Saurabh and Jamwal D.(2017). Solid Waste Management: Gap Analysis Of Urban Local Bodies (ULBs) Of Jammu Province. A Glance at a World: Waste Management, 61
16. Jamwal, D. and Saurabh. Solid Waste Management: Awareness among the Hoteliers in Katra, (J&K), Arthanveshan, 10 (1&2)
17. Saurabh, Sultan A. and Nasreen,C. Influence of Innovation Competence on Firm Level Competitiveness: An Exploratory Study. Asia Pacific Journal of Innovation and Entrepreneurship 10(1) (accepted for publication)
18. Heera, S. and Devi, A. (2016). Employers' Perspective Towards people with Disabilities. The South East Asian Journal of Management, 10(1), 54-74.

Articles

1. Mukhopadhyay, D. (2017, June 6). Introducing Choice Based Credit System in Higher Education, Daily Excelsior
2. Mukhopadhyay, D. (2017, May 22) Ethics and Value Based Education, Daily Excelsior
3. Mukhopadhyay, D. (2017, April, 28) Cost Management in Higher Education, Daily Excelsior
4. Mukhopadhyay, D. (2017, March 23) Panacea for Unemployment, Daily Excelsior
5. Mukhopadhyay, D. (2017, February 20) Internationalization of Higher Education, Daily Excelsior
6. Mukhopadhyay, D. (2017, February 5) Role of University in Human Development, Daily Excelsior
7. Mukhopadhyay, D. (2017, January 17) Professional Education and Employability, Daily Excelsior
8. Mukhopadhyay, D. (2017, January 12) Private Universities in Higher Education, Daily Excelsior
9. Mukhopadhyay, D. (2016, December 29) Impact of Conflict on State Economy, Daily Excelsior
10. Mukhopadhyay, D. (2016, December 17) Demonetization: A Journey to Economic Uncertainty, Daily Excelsior
11. Mukhopadhyay, D. (2016, August 19) Indian Universities to Excel and Extinct, Daily Excelsior

Conferences/Workshops/Seminars/Short term Courses Attended

1. Arti (2016), 'An Insight into Inclusion of People with Disabilities at Indian Workplace' case based research paper presented in the National Case Study Conference held at SMVD University, 22nd -24th April.
2. Kanaria, Ranjana Singh, and Jain, Dr. Deepak. (2017). 'Employee engagement & its effect on Employee Productivity in Pharma Industry'. In National Symposium on 'Road to Resurgence: Indigenous Learning for Business & Society', 16th - 17th March 2017.
3. Jain, Dr. Deepak, and Reddy, Dr. P. C. (2017). 'A study on problem and prospectus of aqua culture in S.P.S.R. Nellore District of Andhra Pradesh'. In 3rd International conference themed 'Sustainable Economic Development: Path and Obstacles', 24th - 25th March 2017
4. Jain, Dr. Deepak (2017). 'A descriptive study on forms of



Ayurveda medicines preferred by consumers in Jammu city'. In 3rd International conference themed 'Sustainable Economic Development: Path and Obstacles', 24th - 25th March 2017

5. Jain, Dr. Deepak, and Sharma, Ankita. (2017). 'Service quality in retail sector: an analysis of service quality of Easy Day & Big Bazaar'. In 3rd International conference themed 'Sustainable Economic Development: Path and Obstacles', 24th - 25th March 2017
6. Jain, Dr. Deepak. (2016). 'Demonetization and its effect on J&K Tourism'. In National Seminar themed "Demonetization of Currency & Indian Economy. 28th December 2016
7. Bukhari, Syeda Shazia (2016). 'Brand Equity of Telecommunication', December 28, 2016 in National seminar organized by department of Economics, SMVDU, Katra.
8. Bukhari, Syeda Shazia (2017). Exploring the impact of Social media on Employees, February 18, 2017 in National seminar sponsored by CDC, P.U Chd. organized by Ramgarhia Girls College, Ludhiana.
9. Bukhari, Syeda Shazia (2017). Recruitment and selection in Campus select private Ltd. on 18th February 2017 in National seminar sponsored by CDC, P.U Chd. organized by Ramgarhia Girls College, Ludhiana.
10. Bukhari, Syeda Shazia (2017). Psychological factors affecting entrepreneurial decisions of a person on 18th February 2017 in National seminar sponsored by CDC, P.U Chd. organized by Ramgarhia Girls College, Ludhiana.
11. Bukhari, Syeda Shazia (2017). telecom commotion on 16th - 17th March 2017 in National symposium on Road to resurgence, organized by school of Business, SMVDU, Katra.
12. Bukhari, Syeda Shazia (2017). A study on consumer behaviour in rural markets of J&K in perspective of brand consciousness of FMCG products on 16th -18th September , 2016 organised by central university of Jammu titled HRD congress on Nurturing World Class Diaspora.
13. Bukhari, Syeda Shazia (2017). Explore the relationship between occupational stress and organizational commitment among nurses of government hospitals in Jammu city on 28th - 29th July 2016 in International Conference titled Applied Economics and Business organized by department of Economics, SMVDU, Katra.
14. Bukhari, Syeda Shazia and Taggar, Rashi (2017). Employees Perception of Existing Flexible work practices and its impact on their performance on 24th - 25th March 2017 in International Conference on sustainable economic development organized by department of Economics, SMVDU, Katra .
15. Bukhari, Syeda Shazia and Taggar, Rashi (2017) A study to evaluate the quality of services provided by E-Tailers on 30th March 2017 in National seminar organized by department of Economics, SMVDU, Katra.
16. Mishra, Sanjay K and Kaushal, Aditya, 2017 "M/s Glocal Milk and Food Products (GMFP) A" case study included in the proceedings of Sixth Asian Invitational Conference on Family Business (Academic Conference), Indian School of Business,

Hyderabad, India 3rd -5th February 2017

17. Mishra, Harigovind, Sharma, Mallika and Sinha, P.K. (2017) Dynamics of Selecting a Lifestyles Store: A qualitative study of Jammu Market in 8th Conference on excellence in research and Education held at Indian Institute of Management Indore; 4th - 8th May 2017
 18. Vashishtha, A. (2016) Foreign direct investment in India: Need for a cautious approach, One day national conference on "An Assessment of 25 Years of Globalization in India" Organised by Guru Gobind Singh Indraprastha University, New Delhi, 12th September 2016
 19. Goyal, N., Kumar, S and Vashishtha, A. (2016) Changing Individual Investors Decision Making Process in Indian Stock Markets: Advisors Perspective, One day national conference on "An Assessment of 25 Years of Globalization in India" Organised by Guru Gobind Singh Indraprastha University, New Delhi, 12th September 2016
 20. Vashishtha, A. (2016) Delivered a seminar on "Derivatives, development and destruction" at Pontificia University Javeriana, Cali, Columbia, 23rd November 2016
 21. Dr. Sanjay Kumar Mishra attended One Week National Workshop on "Applied Data Science and Business Analytics Using R", School of Management Studies, National Institute of Technology, Calicut, India (12th - 17th March 2017).
- Scenario of Indian Economy" in North India Student Parliament, held on 27th March 2017 at Shri Mata Vaishno Devi University.
2. Dr. Ashutosh Vashishtha delivered special symposium talk on "Research for Resurgence; Rediscovering India" in national symposium titled "Road to Resurgence: Indigenous Learning for Business and Society" on 16th - 17th March 2017, at Shri Mata Vaishno Devi University.
 3. Dr. Ashutosh Vashishtha delivered special lecture as resource person on the topic of "Regulatory and Compliance Issues for Banking Sector" on 21st January 2017 at the J&K Bank Sponsored Management Development Program on 'Capacity Building for Bank Officers/Managers' conducted by HRDC (Human Resource Development Center), SMVDU, (19th - 21st January 2017)
 4. Dr. Ashutosh Vashishtha delivered special lecture titled "Technical Writing: Research Proposals, Thesis Writing and Indices" on 28th September 2016 during a 3 Day workshop on Research methodologies and Data Analysis Organised by Human Resource Development Centre (HRDC) Shri Mata Vaishno Devi University (26th - 28th September 2016)
 5. Dr. Ashutosh Vashishtha delivered special lecture titled "Environment Impact Assessment (EIA)" on 14th December 2016 at the Short-Term Course under QIP Program on "Theory and Practices in Construction Project Management" (12th -16th December 2016), IIT Jammu (Under the mentorship of IIT Delhi)
 6. Dr. Ashutosh Vashishtha delivered special lecture titled "Financial Aspects of SME Units" on 17th December 2016 at DST- NIMAT (Department of Science & Technology - National

FACULTY AS RESOURCE PERSONS

1. Dr. Ashutosh Vashishtha delivered special lecture on "Present



Implementing and Monitoring Agency for Training, Govt of India) Sponsored National Faculty Development Program on Entrepreneurship Development organised by Entrepreneurship Development Cell, SMVDU (12th - 24th December 2016)

7. Dr. Ashutosh Vashishtha delivered special lecture in one day workshop for Non-Teaching employees on "Enhancement of Soft Skills" on the topic of "Grievance handling and team work" held on 5th November 2016 at Shri Mata Vaishno Devi University.
8. Dr. Ashutosh Vashishtha delivered special lecture titled "Understanding the linkage between bank's permissible lending and capital adequacy" on 17th September 2016 during J&K Bank sponsored two day MDP "Strengthening Lending Decisions to MSMEs (17th - 18th September 2016)
9. Dr. Ashutosh Vashishtha acted as a resource person for a full day session on the topic of "Preparing and Authoring Research Papers for Publishing in Quality Journals" at the Department of Management Studies, Malaviya National Institute of Technology (MNIT) Jaipur on 4th March 2016. The session was a part of NITTR, Chandigarh sponsored five day (29th February - 4th March 2016) Short Term Training Programme on the theme of Conducting and publishing the quality research held for the faculty of science, engineering and management areas.
10. Dr. Ashutosh Vashishtha delivered Special lecture as a resource person at Sher-e-Kashmir Police Academy Udhampur on "Role and Responsibility of Media in Conflict Areas" on 11th January 2016 to IPS Officers and State Police Officers of Jammu and Kashmir
11. Dr. Suparn K. Sharma delivered talk as Chairperson Valedictory session on "Opening the Gate for FDI-Boon or Bane" in National Seminar at DAV College, Jalandhar on 25th March 2017.
12. Dr. Suparn K. Sharma conducted training sessions on, "Research Methodological Tools & Applications" on 24th March 2017 at Bhagat Phool Singh Mahila Vishwavidyalaya, Sonipat.
13. Dr. Suparn K. Sharma delivered Keynote Address Session on "Happening Haryana & its Role in Economic Growth" in National Conference at Vaish Arya Kanya Mahavidyala, Bahadurgarh, Haryana on 22nd March 2017.
14. Dr. Suparn K. Sharma delivered training sessions(03) on, "Quantative & Qualitative Data Forecasting; Attitude Measurement & Multi-Dimensional Scaling; Autocorrelation" in Two Week Refresher Course on "Research Methodology" conducted during 14th - 27th March 2017 by HRDC, SMVDU, Kakryal, Katra.
15. Dr. Suparn K. Sharma delivered training session (01) on "NPA Management" in Three Day Management Development Programme on, "Capacity Building for Banks Officers/Managers" during 19th - 21st March 2017 by HRDC, SMVDU, Kakryal, Katra.
16. Dr. Suparn K. Sharma delivered Invited Talk on "Measurement of Relationship Applying Panel Error Correction" on 7th March

2017 in 19th Annual National Conference of Society of Statistics, Computer and Application at Sher-e-Kashmir University of Agriculture, Jammu.

17. Dr. Suparn K. Sharma conducted session on "Psychometric Test for Behavioural Analysis" in National Mission for Building of Bankers for Financing MSMSE Sector (NAMCABS) Workshop organized by Reserve Bank of India at Pathankot, Punjab 20th February 2017.
18. Dr. Suparn K. Sharma conducted Mock Interview and Career Counseling session at Manipur University, Imphal on 28th - 29th July 2016.
19. Dr. Suparn K. Sharma delivered an Expert Talk as Resource Person during Technical Session in National Seminar on the theme 'Entrepreneurship: The Road Ahead' during March, 8th - 9th March 2016 at School of Management Studies, Punjabi University, Patiala.
20. Dr. Sanjay K. Mishra took session on the topic "Cost Volume Profit Analysis" and "Capital Budgeting" under extension lecture series, University of Jammu (Udhampur Campus) (5th May 2017).
21. Dr. Sanjay K. Mishra took session on the topic "Multiple Regression" in a two week refresher course on "Research Methodology" conducted by HRDC Center, SMVDU, Katra (14th - 27th March 2017).
22. Dr. Sanjay K. Mishra took session on the topic "Qualitative Dependent Variable Models" in a two week refresher course on "Research Methodology" conducted by HRDC Center, SMVDU, Katra (14th - 27th March 2017).
23. Dr. Sanjay K. Mishra took session on the topic "Practice Session on Regression and Logit" in a two week refresher course on "Research Methodology" conducted by HRDC Center, SMVDU, Katra (14th - 27th March 2017).
24. Dr. Sanjay K. Mishra took session on the topic "Lending Decisions" in three days MDP on "Capacity Building for Bank Officers/Managers" conducted by HRDC Center, SMVDU, Katra (19th - 21st January 2017).
25. Dr. Saurabh delivered Lecture on "Management- An Effective Tool for Policing" for the senior officers of JK Police at SK Police Academy Udhampur on 31st January 2017.
26. Dr. Saurabh delivered Lecture on "Leadership and Leadership Science in Police" for the senior officers of JK Police at SK Police Academy Udhampur on 11th April 2016
27. Dr. Saurabh delivered Lecture on "Strategies Ahead: Post Demonetization" National Seminar on Demonetization at SMVDU on 28th December 2016
28. Dr. Saurabh delivered Lecture on "Survey and Problem Solving" for Faculty Development Program on Entrepreneurship, sponsored by DST, at SMVDU, on 22nd December 2016.
29. Dr. Saurabh delivered Lecture on "Realizing Potential In Oneself: Discover The Real In You" for the Five Day program on "Creating Sustainable and Motivated Organization" for Indian Forest Service Officers at SMVDU on 25th November 2016

Conferences/ Seminars /Workshops/FDPs/MDPs Organized

1. Dr. Suparn K. Sharma organized as Programme Coordinator Two-Week duration 'National Faculty Development Programme on 'Entrepreneurship Development' Sponsored by DST-NIMAT Project, Gol from 12th - 24th December 2016.
2. Dr. Suparn K. Sharma organized as a Programme Director and Chief Coordinator, Entrepreneurship Development Cell, SMVDU 'Entrepreneurship Skills Development Programme' (ESDP) in association with Micro, Small and Medium Enterprise Development Institute, Jammu from 7th October 2016 - 21st November 2016 at Shri Mata Vaishno Devi University, Katra.
3. Dr. Suparn K. Sharma organized as a Programme Coordinator Two-Day Management Development Programme on 'Developing Individuals as an Instrument for Organization Excellence' during 10th - 11th September 2016 at SMVD University.
4. Dr. Suparn K. Sharma organized as an Organizing Secretary Five-Day Training Programme with financial Support of Ministry of Environment and Climate Change, Gol on 'Creating Sustainable and Motivated Organizations' for Indian Forest Service Officers from 21st - 25th November 2016 at Shri Mata Vaishno Devi University, Katra.
5. Dr. Suparn K. Sharma organized as a member of team Two-Day Training Programme with financial Support of Ministry of Environment and Climate Change, Gol on 'Crafting Individuals as Effective Leaders' for Indian Forest Service Officers from 19th - 20th May 2016 at Shri Mata Vaishno Devi University, Katra.
6. Dr. Suparn K. Sharma organized One Day workshop on 'Fundamentals of Business Analytics' in April 2106.
7. Dr. Saurabh organized National Symposium on "Road to Resurgence: Indigenous Learning for Business and Society" 16 - 17th March 2017 at School of Business Shri Mata Vaishno Devi University, Katra, J&K
8. Dr. Saurabh organized One Day training program on "Training Need Assessment of SMVDSB" for the top management of SMVDSB on 23rd June 2016 at Spiritual Growth Center, SMVDSB.
9. Dr. Jyoti Sharma organized as Programme Coordinator a Five Day Training Programme with Financial Support of Ministry of Environment and Climate Change, Gol on Creating Sustainable and Motivated Organization from 21st - 25th November 2016.
10. Dr. Jyoti Sharma organized one day workshop on Enhancing Computer Skills for Non-Teaching Staff of SMVDU on 15th October 2016.
11. Prof. D. Mukhopadhyay and Dr. Deepak Jain organised a 3 Day Workshop on "Research Methodology and Data Analytics" for Research Scholars, 26th September - 28th September 2016



12. Prof. D. Mukhopadhyay and Dr. Deepak Jain organised a 5 Day Faculty Development Programme on "Use of Tools and Techniques in Research", 28th November - 2nd December, 2016
13. Prof. D. Mukhopadhyay and Dr. Deepak Jain organised a 3 day Management Development Program on "Capacity Building for Bank Officers / Managers" for J&K Bank, 19th - 21st January 2017
14. Prof. D. Mukhopadhyay and Dr. Deepak Jain organised a Refresher Course on 'Research Methodology', 14th - 27th March 2017
15. Prof. D. Mukhopadhyay and Dr. Deepak Jain organised a 5 day (part time) programme for Office Assistants on 'Office Management & Skills Development', during 1st - 5th May 2017

Ph.D. Guided

Dr. Suparn K. Sharma

- Mr. Dalip Raina Entitled, Efficiency and Productivity of Commercial Banks in India with Special Reference to Post-Deregulation Period" (As Supervisor) (2016).
- Mr. Vivek Sharma Entitled, "A Study of Employment Preferences with Special Reference to Entrepreneurship among the

Educated Youth of Jammu and Kashmir (India)" (As Co-Supervisor) (2017).

- Ms. Shravni, Entitled, "Dynamics of Financial Development and Economic Growth in India: Perspective and Evidence" (As Supervisor) (2016), Submitted.

Dr. Saurabh

- Abid Sultan, "Competitiveness of Agro-food processing Manufacturing Units in J&K" (submitted)
- Divya Singh Jamwal "A Study Solid Waste Management of Select Institutions of Jammu Region: Strategic Approach" (submitted)
- Dr. Arti Maini guiding Ms. Sonali Heera's Ph.D on 'Disability Inclusion at Workplace: A Study of Jammu and Kashmir State'.

Students' Achievement

A research paper based on preliminary dissertation report of Ms. Kamakshi Chandan (SOB student of batch 2013 - 15) entitled "Disability Inclusion: An Analysis of Annual Reports of Nifty Companies in India" co-authored by Sonali Heera (Ph. D Scholar at School of Business) and Arti Maini (Assistant Professor at School of Business and Dissertation Supervisor) accepted for publication for July 2017 issue of IUP Journal of Management Research.



SCHOOL OF ECONOMICS

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1	Prof. Bandi Kamaiah	Professor Head, DOE	Ph.D.	Macroeconomics, Monetary Economics, Financial Economics
2	Dr. Kakali Majumdar	Assistant Professor	Ph.D. , UGC-NET	Statistics and Econometrics
3	Dr. Meenakshi Gupta	Assistant Professor	Ph.D., ASRB-NET	Agricultural Economics
4	Dr. Roop Lal Sharma	Assistant Professor	Ph.D.	Econometrics, International Economics, Banking
5	Dr. Pabitra Kumar Jena	Assistant Professor	Ph.D., UGC-NET	International Finance, Applied Econometrics
6	Dr. Kirtti Ranjan Paltasingh	Assistant Professor	Ph.D. UGC-NET	Agricultural Economics & Development Economics
7	Dr. Arif Billah Dar	Assistant Professor	Ph.D.	International Finance, Macroeconomics
8	Dr. Showkat Ahmed Bhat	Assistant Professor	Ph.D.	Development Economics, Applied Statistics
9	Dr. Kulwant Singh	Assistant Professor	Ph.D.	Macro Economics, Environmental Economics
10	Mr. Amarjit Singh	Assistant Professor	M. Phil (Economics), UGC-NET	Public Finance, International Economics
11	Mr. Mumtaz Ahmed	Assistant Professor	M.Phil (Economics), Ph.D. Thesis submitted UGC-NET, SLET	Agricultural Economics, Micro Economics, Macro Economics
12	Mr. Taufeeq Ajaz	Assistant Professor	M. Phil (Economics), UGC-JRF	Monetary Economics
13	Dr. Rakesh Kumar Singh	Assistant Professor	Ph.D. , UGC-NET	Mathematical Economics, International Trade and Finance, Financial Economics

PROGRAMMES OFFERED & ENROLLMENT:

Five Year Integrated M.Sc Economics, Enrollment 60

DETAILS OF FIVE YEAR INTEGRATED M.SC. ECONOMICS STUDENTS:

BATCH	ADMITTED STUDENTS		
	MALE	FEMALE	TOTAL
2016 ENTRY FIVE YEAR INTEGRATED MSC. ECONOMICS	19	31	50

DETAILS OF RESEARCH SCHOLARS:

YEAR 2016-17	PH.D.		
	MALE	FEMALE	TOTAL
Admitted 2016-17	3	1	4
Total Presently under Supervision	4	1	5

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

RESOURCE PERSON	TOPIC OF THE LECTURE	DATE
Mr. Aditya Kaushal, Assistant Manager, Deloitte, Alumni SMVDU	Career Opportunities in Corporate	16th August 2016
Prof. Kuldeep Kumar, Bond University Australia	Relationship between CO ₂ Emissions and economic, social and geopolitical variables: Evidence from developing, emerging and developed countries.	26th August 2016
Dr. Neera Verma, Professor of Economics, Kurukshetra University	Special lecture on Economics	25th October 2016
Professor Somesh Mathure, From IIT Kanpur	1. Calculation of Ad Valorem Equivalents of Non-Tariff Barriers: A Case Study of 16 RCEP Countries 2. Impact Assessment of EU-India FTA on EU, UK and India	25th October 2016
Kamta Prasad, Former President, IEA, Adjunct Professor of Department of Economic	Sabka Sath, Sabka Vikas	17th April 2017
Mr. Arush Mahajan, a young CEO (Chief Executive Officer), Director of Elysium Net Solution Pvt. Ltd and COO (Chief Operating Officer) of INR Deals.	"Entrepreneurship, Business Development and Internet marketing"	24th January 2017
Prof. Prajneshu Ex Head of Division ICAR-Indian Agricultural Statistical Research Institute	1. Nonlinear growth models & their applications 2. Fitting of non-linear time series model and its inability to forecast.	27th February 2017

INFORMATION ABOUT FACULTY

Research Projects Initiated & Completed by the Faculty:

Title of the Project	Funding agency	Amount sanctioned	Status/Duration
Efficiency Analysis of Hill Agriculture	ICSSR	7 Lakhs	In Progress/ 24 Month

Research Publications

Prof. Bandi Kamaiah Mr. Taufeeq Ajaz

1. Taufeeq Ajaz, Md Zulquar Nain, Bandi Kamaiah, and Kumar Sharma (2017). Stock prices, exchange rate and interest rate: evidence beyond symmetry, Journal of Financial Economic Policy. Vol. 9. Issue. 1. pp 2-19. (Emerald).
2. Taufeeq Ajaz and Bandi Kamaiah (Forthcoming). Monetary Policy Rules: A Review of Taylor-Rule. Theoretical and Applied Economics.

Dr. Kakali Majumdar

1. Kakali Majumdar (2016), Export Market of Indian Processed Food, Indian Journal of Agricultural Marketing, ISSN: 0971-8664, IJAM, Vol. 30, No.1, Pp 49-57
2. Kakali Majumdar (2016), Export Growth and FDI Inflow in Indian Processed Food, Sector: An Empirical Study, Asian Economic Review, Journal of Indian Institute of Economics, Vol 59, September 2016, pp.29-39
3. Kakali Majumdar, Decomposition of Total Factor Productivity Growth of Rice in India: An Empirical study using Malmquist Approach, The Indian Economic Journal, UGC, [ISSN: 0019-4662], Journal of Indian Economic Association, Special Issue December 2016
4. Kakali Majumdar, Indian Agriculture in the vision of Dr. Ambedkar, The Indian Economic Journal, UGC, [ISSN: 0019-4662], Journal of Indian Economic Association, Special Issue April 2017
5. Kakali Majumdar, Economic and Political Perspectives of Fourth World Populations: Indian Context, Fourth World Journal, Publisher: Center for World Indigeneous studies., [ISSN: 1090-5251], Thomson Gale, EBSCO, Available in San Francisco Public Library, Vol 15(1), Summer 2016, pp.47-54.
6. Kakali Majumdar, Causality between FDI and Export of processed Food : An Emperical study in Indian Context. An outline of Current Economic Issues in India, by Kuntal Das and Sukhla Mandal, [978-81-928665-2-9], Published by Kharagpr college, printed by, Shreelipi, 2016, pp. 106-113
7. Kakali Majumdar, ICT Initiatives in Agriculture: A Discussion in Indian Context Information Technology and Business Analytic, CSE, SMVDU, 7th - 8th January 2017.
8. Suhasini Gupta and Dr. Kakali Majumdar, India-Uganda Trade Relations: A Brief Discussion Diplomacy & Beyond, Journal of Foreign Affaire, Surya Prakash Publisher, October Special Issue, 32-35.

9. Dr. Kakali Majumdar, FDI in Processed Food Industry: The Emerging Scenario., Food and Beverage News, Saffron Media Pvt. Limited, Mumbai, 16th - 31st October 2016, Volume 8, no. 23, 15-16.
10. Dr Kakali Majumdar and Vimarsh Padha, India-Malaysia Trade Relations: A Brief Report Diplomacy & Beyond, Journal of Foreign Affaire, Surya Prakash Publisher, September - October 2016, Vol 1(9)26-27.

Dr. Roop Lal Sharma

1. Sharma, R.L. (2017), " The Study of Customer Behaviour and its Impact on Customer Satisfaction ,loyalty and Service Quality Perception in E- Banking Services in Jammu Division" Asian Journal Of Management, ISSN : 0976-495X, Vol.8 (02), page: 241-245. UGC approved journal.
2. Sharma, R.L., Pandey Dinesh, Amit (2017), "Green Supply Chain Practices in the Indian Manufacturing Sector: A Exploratory Study" International Journal of Innovative Research in Science, Engineering and Technology, ISSN(Online): 2319-8753 ISSN (Print): 2347-6710 (An ISO 3297: 2007 Certified Organization). Vol. 6, Issue 7, July 2017, UGC- Approved journal. Website: www.ijirset.com

Dr. Pabitra Kumar Jena

1. Jena, P. K & Utpal C. (2016). Impact of Foreign Direct Investment Inflows on Productivity: Evidence from Panel Data Analysis. Productivity, 57 (3), 246-256.
2. Jena, P. K & D.S. Hegde (2016). Foreign Direct Investment (FDI) Inflows in Multi Brand Retailing: A Case Study of New Delhi and Mumbai City. The Indian Journal of Commerce, 69(3) 46-56.
3. Jena, P. K & Bikash R. M. (2016). Determinants of Foreign Direct Investment (FDI) Inflows into India: An Econometric Investigation. The Indian Economic Journal, Special Issue Related to Trade and Balance of Payments in India in Context the Context of Global Changes and Instability, 96-105.
4. Jena, P. K & D.S. Hegde (2016). Determinants of Foreign Direct Investment (FDI) Inflows Into India: A Theoretical Review. Arth Anvesan, 11(2), 15-22.

Dr. Kirtti Ranjan

1. An Overview of Indian Agriculture in Post Green Revolution Era' in B. Goswamy, M. P. Bezbaruah and R. Mandal (Eds) Indian Agriculture after Green Revolution: Changes and Challenges, Routledge Studies in Agricultural Economics, Routledge



(Forthcoming).

2. 'Impact of Farmer Education on Farm Productivity under Varying Technologies: A Case of Paddy Growers in India', *Agricultural and Food Economics* (Springer) (Forthcoming)
3. 'Determinants of Fertilizer Use Intensity in Varying Rice Ecosystems of Odisha: A Farm Level Analysis,' *Indian Journal of Agricultural Economics* (ISSN no. 0019-5014) (forthcoming).
4. 'Rice Ecosystems and Adoption of Modern Rice Varieties in Odisha, East India: Intensity, Determinants and Policy Implications', *Journal of Developing Areas* (ISSN no. 0022-037X, ISSN no. 1548-2278), Vol. 51, No.3, pp. 197-213, May 2017.
5. 'Role of Education in Adoption of Modern Paddy Varieties under Varying Farm Environments of Odisha', *Artha Vijnāna* (ISSN no. 0004-3559), Vol. 58, No.1, pp. 1st - 18th December 2016.

Dr. Arif Billah Dar

1. A K Tiwari, Arif B Dar, Bhanja N, Rangan Gupta (2016) A Historical Analysis of the US Stock Price Index Using Empirical Mode Decomposition over 1791-2015 *Economics E* Vol. 10, 2016-9
2. Aviral K Tiwari, Niyati Bhanja, Arif Billah Dar (2016) Frequency-based co-movement of inflation in selected euro area countries *Journal of Business Cycle Measurement and*

Analysis OECD. 8 (2) 1-13

3. Niyati Bhanja, Arif Billah Dar, AK Tiwari (2016) A Frequency Based Causality Approach for the Yield Spread as a Leading Indicator of Economic activity – Evidence from India, *Indian Journal of Economics & Business*, Vol. 15, No. 2, (2016): 243-255
4. Arif Billah Dar, Niyati Bhanja, A K Tiwari (2017) Do Global Financial Crises Validate assertions of Fractal Market Hypothesis? *International Economics and Economic Policy*. 14 (1) 153-165 (Springer)
5. Arif Billah Dar, Niyati Bhanja (2017) Is China a Safe haven for Asian Tigers (Forthcoming) *Economic Change and Restructuring* (Springer)
6. Arif Billah Dar, Debasish Maitra (2017) Is gold a weak or strong hedge and Safe Haven against stocks? Robust evidence from three Major Gold consuming countries <http://dx.doi.org/10.1080/00036846.2017.1310998> *Applied Economics* (Taylor and Francis).

Books published

1. Arif Billah Dar, Manas paul, Parijat Upadhyay (2017) *Selected Readings in Business Sustainability and Inclusive Growth*. Emerald Group Publishing

Dr. Showkat Ahmad Bhat

1. Pavithra S, Surabhi Mittal, Showkat A Bhat, P S BIRTHAL, S A



- Shah and Vinod Hariharan, (2017). "Spatial and Temporal diversity in the adoption of modern wheat varieties in India", *Agricultural Economics Research Review*, Vol.30(1): 57-72
2. Ranjit Kumar Paul, Raka Saxena and Showkat A. Bhat (2016). How Price Signals in Pulses are Transmitted across Regions and Value Chain? Examining Horizontal and Vertical Market Price Integration for Major Pulses in India, *Agricultural Economics Research Review*, Vol. 29, pp. 75-86. ISBN 0971-3441.
 3. Showkat A. Bhat (2016) "Empirical Analysis of Institutional Credit Supply and Agricultural Production with special reference to Jammu & Kashmir", *Indian Journal of Economics and Development* Vol. 12(1): 113-122. ISBN 2277-5412
 4. Jitender Kumar, M.S. Bhatt, Showkat Ahmad Bhat (2016). "Measurement of Credit Constraint to Farming Households: A Case Study of Jaipur and Rajsamand Districts in Rajasthan (An Empirical Analysis)", *International Journal of Multidisciplinary Research and Development*, Vol. 3(3): 33-40 ISBN 2349-5979.
- Mumtaz Ahmed**
1. Ahmed. M. (2014). An Analysis of Major Determinants of Food Inflation in India. *Indian Journal of Economic Development*, Vol. 10(3), pp. 275-282. (Coauthor: Singla, N. Kaur, P.)
 2. Ahmed. M. (2016). Role of Land Reforms in Eradication Land Inequalities in Rural India. *Indian Journal of Economic Development*, Vol. 12(1a), pp. 413-418. (Coauthor: Singla, N. Kaur, P.)
 3. Ahmed, M. (2016). Trends and Pattern of Production and Export of Fruit Crops and Apple in India with Special Reference to Jammu and Kashmir. In Anil Bhat and S.P. Singh (Ed.) *Agricultural Marketing in India: Perspective and Potential*, New India Publishing Agency: New Delhi. (Coauthor: Singla, N. Beag, F.)
 4. Ahmed, M. (2016). Violation of Women Right to get Equal Wages for Equal Work in Indian Agricultural. In Arora, S. K., Sharma, T., and Narang, S. (Ed.) *Human Rights in India A Multi-Faceted Aspect*. (Coauthor: Pavneet, K.)
 5. Ahmed, M. (2017). Financial Integration in India: An Analysis of Post Reforms Period. *International Journal of Research in Commerce, IT & Management*, vol. 7(2), 42-46. (Coauthor: and Fayaz, M.)
 6. Ahmed, M. (2017). Socio-Economic Inequalities in India. *Journal of Research Innovation and Management Science*, Vol. 3(2), 48-55. (Coauthor : Fayaz, M.)
 7. Ahmed, M. (2017). Education and Economic Growth: An Analysis of Theoretical and Empirical Perspectives. *Journal of Research Innovation and Management Science*, Vol. 3(2), 39-47. (Coauthor: Fayaz, M)
 8. Ahmed, M. (2017). Effect of Monetary Policy and Exchange Rate on the Exports of India. In Jena, P. K. (Ed.), *Research*

Issues in Economics. Springer (India) Private Limited in Collaboration with TIES, (forthcoming). (Coauthor: Fayaz, M.)

9. Ahmed, M. (2017). An Analysis of the Market Integration of Potato in the Southern region of Punjab: Implications for Farm Income. In Singla, S. (Ed.) Agricultural Crisis and Farmers' Distress in Punjab, Sharma Publication: Jalandhar, Punjab, (forthcoming).

Dr. Rakesh Kumar Singh

1. Modelling and Estimating Water Demand of Residents of Delhi, India', in the Journal for Social Development, Vol.6, No.4, Pp.100-122, Oct-Dec 2014, ISSN: 0975-0142.
2. 'Water Demand Function of Residents of Delhi (India): An Empirical Analysis', Artha Vijnana, Journal of the Gokhale Institute of Politics and Economics, Pune, Vol.XVII, Issue No.2, Pp.96-112, June 2015. ISSN: 0971-586X.
3. 'Economic Perspectives towards Sustainable Development: A Case of Smart Cities in India' 2017 (Research Article in Progress).

Conferences/Workshops/Seminars/Short term Courses Attended

Dr. Kakali Majumdar

1. Kakali Majumdar, Measurement of Growth and Trend Breaks of Pulse production in India: An Empirical Study, Global Business and Social Science Research Conference, Melbourne Australia, 23rd - 24th February 2017
2. Kakali Majumdar, Indian agriculture in the vision of Dr. Ambedkar, International Conference on Dr. B.R. Ambedkar's contributions to national building to be held at Magadh University, Bodh-gaya, 14th - 15th April 2017.
3. Kakali Majumdar, Decomposition of Total Factor Productivity Growth of Rice in India: An Empirical study using Malmquist Approach, 99th Annual Conference of IEA, Tirupati, 27th - 29th December 2016.
4. Kakali Majumdar, ICT Initiatives in Agriculture: A Discussion in Indian Context, National Conference of Information Technology And Business Analytics, CSE, SMVDU, 7th - 8th January 2017.
5. Kakali Majumdar, Demonitization, Mind Meet Forum, SMVD University, 24th November 2016.
6. Kakali Majumdar, attended One day workshop on "Patent Drafting and Filing", SMVDU in association with TIFAC, Department of Science & Technology, Government of India., 20th October, 2016
7. Kakali Majumdar, attended Five days Workshop on Optimization Using Matlab., National Institute of Technical Teachers' Training & Research, Chandigarh, Remote centre, Department of Mechanical Engineering, SMVDU, 24th - 28th October 2016.
8. Kakali Majumdar, Rapportear, NSE sponsored memorial

Lecture, 99th IEA Annual Conference, December 2016.

9. Kakali Majumdar, Resource Person, Workshop on Research Methodologies and Data Analysis, September 26-28, 2016, Research, Human Resource Development Centre (HRDC), SMVDU.
10. Kakali Majumdar, Resource Person, Use of Tools and Techniques in Research, Human Resource Development Centre (HRDC), Shri Mata Vaishno Devi University (SMVDU), 28th November - 2nd December 2016.
11. Kakali Majumdar, Resource Person, Entrepreneurship Skill Development Programme, Topic: Economic Development Entrepreneurship Development Cell SMVDU and MSME Development Institute J & K, 9th November 2016.
12. Kakali Majumdar, Resource person, Two Week refresher course on Research Methodology", 14th - 27th March 2017 conducted by HRDC, SMVDU, Katra.
13. Kakali Majumdar, Resource person, ICSSR sponsored program on Research Methodology for Faculty Member", Central University Jammu, 13th May 2017.
14. Kakali Majumdar, Session Chair, 3rd International Conference On "Sustainable Economic Development: Paths and Obstacles as Convener, 2 Department of Economics, Shri Mata Vaishno Devi University, as Convener., 4th - 25th March 2017.
15. Kakali Majumdar, Session Chair, Global Business and Social Science Research Conference, Melbourne Australia, 23rd - 24th February 2017.
16. Kakali Majumdar, Invited Speaker, 3rd National Conference on recent Trends in Mathematical Sciences, Department of Mathematics, SMVDU, Topic: Mathematics in Social Sciences, 9th - 10th February 2017.
17. Kakali Majumdar, Session Chair, National Conference on Emerging Trends in Management, Economics and IT", 5th May 2017
18. Kakali Majumdar, Elected as EC member, Indian Economic Association from J & K, 2017-2019

Roop Lal Sharma

1. Paper presented in International Conference on Renewable Energy for Sustainable Environment : Challenges and Remedies Titled: "The role of banking in financial inclusion and sustainable development" organized by department of energy management, SMVD University from 20th - 21st March 2017
2. Paper presented in UGC sponsored national conference on topology, analysis, algebra and their applications Titled: "Stock Exchange Market and Macroeconomic Factors in Emerging Indian Economy" from 7th - 8th March 2017, organised by Deptt. of Mathematics, SMVD University Katra.
3. DST- NIMAT Project Sponsored FDP on "Entrepreneurship Development" from 12th - 24th December 2016 organised by EDC, SMVD University, Katra.
4. Two week Refresher Course on Research Methodology



organised by HRDC , SMVD University Katra from 14th – 27th March 2017

Dr. Pabitra Kumar Jena

1. Pabitra K. Jena attended Conference on “National Case Study Conference (NCSC-2016), School of Business, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir, 22nd – 24th July 2016 (Title of the Paper – “Shri Mata Vaishno Devi (SMVDU) Shrine: A Place Of Worship And Eco-Tourism”, Author: Manvi Gupta & Pabitra Kumar Jena).
2. Pabitra K. Jena attended International Conference on “Applied Economics and Business” in collaboration with The Indian Econometrics Society (TIES) during 28th July – 29th July 2016 at Department of Economics, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir (Title of the Paper – “Impact of Global Macroeconomic Instability on BRICS Nations: Evidence from Panel Data Analysis”, Author: Pabitra Kumar Jena & Vimarsh Padha).
3. Pabitra K. Jena attended 53rd Annual Conference of The Indian Econometric Society (TIES), during 22nd – 24th December 2016 at National Institute of Science Education and Research, Bhubaneswar, Odisha (Title of the Paper – “Impact of Foreign Direct Investment (FDI) Inflows on Productivity: Evidence from Panel Data Analysis” Author: Pabitra Kumar Jena & Vimarsh Padha).
4. Pabitra K. Jena attended 99th Annual Conference of Indian Economic Association (IEA), during 27th – 29th December 2016 at Sri Venkateswara University, Tirupati, Andhra Pradesh (Title of the Paper – “Determinants of Foreign Direct Investment(FDI) Inflows into India: An Econometric Investigation”, Author: Pabitra Kumar Jena & Bikash Ranjan Mishra).
5. Pabitra K. Jena attended One day workshop on “Patent Drafting and Filing”, SMVDU in association with TIFAC, Department of Science & Technology, Government of India., 20th October 2016.
6. Pabitra K. Jena, Rapportear, ILO sponsored Panel Discussion on Employment and Growth in India, 99th IEA Annual Conference, December 2016.
7. Pabitra K. Jena, Resource Person, Workshop on Research Methodologies and Data Analysis, 26th – 28th September 2016, Research, Human Resource Development Centre (HRDC), SMVDU.
8. Pabitra K. Jena, Resource Person, Use of Tools and Techniques in Research, Human Resource Development Centre (HRDC), Shri Mata Vaishno Devi University (SMVDU), 28th November to 2nd December 2016.
9. Pabitra K. Jena, Resource Person, Entrepreneurship Skill Development Programme, Topic: Economics of Industrial Unit, Entrepreneurship Development Cell SMVDU and MSME

Development Institute J&K, 9th November 2016.

10. Pabitra K. Jena, Resource person, ICSSR sponsored program on Research Methodology for Faculty Member", Central University Jammu, 13th May 2017.
11. Pabitra K. Jena, Invited Speaker, Information and Communications Technology (ICT) and Economic Development" in national seminar on ICT Initiation for Economic Development of North-West India at Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir on 30th March 2017.
12. Pabitra K. Jena, Resource Person, 3 Day Management Development Program at Human Resource Development Centre (HRDC), Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir on Capacity Building for Bank Officers/Managers on 19th January 2017.
13. Pabitra K. Jena, Resource Person, Workshop on Research Methodology, Assam Central University, 21st - 23rd November, 2016.
14. Pabitra K. Jena participated University Grants Commission General Orientation Course at, Guru Nanak Dev University, Amritsar, 25th May - 21st June 2016.
15. Pabitra K. Jena participated as a panelist in the panel discussion on 'Goods and Service Tax (GST) in India: Impact Evaluation' and held at SMVD University on 10th July 2016.

16. Pabitra K. Jena participated as a panelist in the panel discussion on 'General Budget 2017' held at SMVD University on 25th February 2017

17. Pabitra K. Jena, elected as EC member, The Indian Econometrics Society (TIES) for 2017-2018.

Dr. Kirtti Ranjan

1. Participated as a panelist in the panel discussion on 'Goods and Service Tax (GST) in India: Impact Evaluation' held at SMVD University on 10th November 2016.
2. Participated as a panelist in the panel discussion on 'Demonetization and its Impact on Indian Economy' held at SMVD University on 19th January 2017.
3. Participated as a panelist in the panel discussion on 'General Budget 2017' held at SMVD University on 25th February 2017.
4. Delivered a Special Lecture Series on "Hypothesis Testing -I (Z and t Test) and Hypothesis Testing II (ANOVA, F-test and Chi Squared test)" in Two week Refresher Course on Research methodology, from 14th - 27th March, 2017 at Human Resource Development Centre, SMVD University, Jammu.
5. Delivered a talk on 'GST in Education' on 27th July 2017 held at SMVD University, Jammu.

Dr. Showkat Ahmad Bhat



1. Participated in five days Faculty Development Programme on "Tools and Techniques in Research", organized by Human Resource Development Centre, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir from 28th November to 2nd December 2016
2. Organizing Secretary for "Two week Refresher Course on Research methodology, from 14th - 27th March, 2017 organized by Human resource Development Center, SMVDU.
3. Organizing Secretary for "National Seminar on ICT Initiation for Economic Development of North-west India", organized by department of Economics, SMVDU during 30th March 2017.
4. Participated in one day workshop on "Patent Drafting and Filing" organized by the Department of Biotechnology Shri Mata Vaishno Devi University, Katra Jammu & Kashmir 2016.
5. Presented a paper titled "Does Environmental Protection Hurt Economic Growth?- Empirical Examination of Environmental Kuznets Curve Hypothesis (EKCH) in a Bi-variate and Tri-variate Framework", in an International Conference on Sustainable Economic Development: Paths and Obstacles, organized by department of Economics, SMVDU during 24th - 25th March 2017
6. Presented a paper titled "Valuing National Park Biodiversity: an Operational Tool for Sustainable development", in an International Conference on Sustainable Economic Development: Paths and Obstacles, organized by department of Economics, SMVDU during 24th - 25th March 2017.
7. Presented a paper titled "Role of ICT in education: An agenda for Future Development", in an National Seminar on ICT Initiation for Economic Development of North-west India, organized by department of Economics, SMVDU during 30th March, 2017.
8. Delivered special Lecture Series on "Introduction to Econometric Modeling", "Simultaneous Equation Modeling", "Non-parametric Analysis", "Multicollinearity & Heteroscedasticity" in Two week Refresher Course on Research methodology, from 14th - 27th March, 2017.
9. Participated as a panelist in the panel discussion on 'Demonetization and its Impact on India Economy' and held at SMVD University on 22nd December 2016.
10. Participated as a panelist in the panel discussion on 'Goods and Service Tax (GST) in India: Impact Evaluation' and held at SMVD University on 10th November, 2016.
11. Chaired a session in the one day national seminar on "Current Issues and Challenges in Indian Economy" held at Department of Economics, SMVD University on 11th November, 2016.

Mr. Amarjit Singh

1. Participated in five days Faculty Development Programme on "Use of Tools and Techniques in Research" organized by Human Resource Development Centre, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir from 28th November to 2nd December.
2. Participated in one day workshop on "Patent Drafting and

Filing" in association with Technology Information Forecasting & Assessment Council (TIFAC). Department of Science and Technology Govt of India. (20th October 2016).

3. Participated as a panelist in the panel discussion on 'Demonetization and its Impact on India Economy' and held at SMVD University on 19th December 2016.
4. Participated as a panelist in the panel discussion on 'Goods and Service Tax (GST) in India: Impact Evaluation' and held at SMVD University on 10th November 2016.
5. Faculty coordinator of the one day National seminar on 'Current issues and challenges of Indian Economy' held at Department of Economics SMVD University on 11th November 2016.
6. Participated as a panelist in the panel discussion on 'General Budget 2017' held at SMVD University on 25th February 2017.
7. Participated as a Resource person for taking session on "Types and Methods of Data Collection" in a 2 week Refresher Course on "Research Methodology" organized by H.R.D.C, SMVDU Katra from 14th - 27th March 2017.
8. Participated as a Resource person for taking session on "Index Numbers" in a 2 week Refresher Course on "Research Methodology" organized by H.R.D.C, SMVDU Katra from 14th - 27th March 2017.

Dr. Arif Billah Dar

1. Arif Billah Dar (2016) "Gold as a Hedge and Safe Haven: Evidence from India, China and the US" 52nd Annual Conference of the Indian Econometric Society held at IIM Kozhikode from 4th - 6th January 2016.
2. Attended Summer School on Advanced Time-series Econometrics at Global School in Empirical Research Methods, University of St. Gallen Switzerland in June 2016

Mumtaz Ahmed

1. Presented a paper titled "Human Capital and its Role in the Economic Growth and Development", in ICSSR Sponsored National Conference on Education for Sustainable Development during 4th - 5th February 2016, held at Central University of Punjab, Bathinda, Punjab.
2. Presented a paper titled "Role of Land Reforms in Eradicating Inequalities Among the Agricultural Land Holding in Rural", held at Centre for Law, School of Legal Studies and Governance, Central University of Punjab, Bathinda, Punjab.
3. Presented a paper titled "Role of Land Reforms in Eradicating Land Inequalities in Rural India", in ICSSR Sponsored National Conference on Education for Sustainable Development during 4th - 5th February, 2016, held at Central University of Punjab, Bathinda, Punjab.
4. Presented a paper entitled, "Financial Integration In India: An Analysis of Post Reforms Period" in 52nd Annual Conference of The Indian Econometric Society (TIES) held at Indian Institute of Management Kozhikode During 4th - 6th January, 2016.

5. Presented a paper entitled, "Inequalities in Ownership of Land Holdings in Rural India", UGC Sponsored Seminar on Paradigm of Inequalities during 15th - 16th February 2016 held Bebe Nanaki Guru Nanak Dev University College Mithra Kapurthala, Punjab.
6. Presented a paper entitled, "An Analysis of the Market Integration of Potato in the Southern region of Punjab: Implications for Farm Income", in ICSSR Sponsored One Day National Seminar on Agricultural Crisis and Farmers' Distress in Punjab held at Department of Economics, D.A.V. College, Bathinda, Punjab. Mithra, Kapurthala, Punjab.
7. Presented a paper entitled, "Violation of Women Right to get Equal Wages for Equal Work in Indian Agricultural", in International Conference on Human Rights in India A Multi-Faceted Aspect during 27th - 28th February 2016, held at D.A.V. College, Abohar, Punjab.
8. Presented a paper entitled, "Spatial Market Integration and Transaction Cost in the Indian Onion Market" On 14th - 15th July, 2016 held at National Conference on Management, Economics & Social Sciences (NCMESS 2017) National Institute of Technology, Hamirpur (HP).
9. Participated in Ten Days Workshop on, "Research Methodology and Application of SPSS for Data Analysis for Economic and Related Disciplines for SC/ST Scholar During the 18th - 27th February 2013 Organised by the Department of Economics and Department of Statistics, University of Jammu.
10. Participated in Ten Days Course on, "ICSSR Sponsored Research Methodology Course in Social Sciences during 18th - 26th March 2015, organised by the Central University of Himachal Pradesh.
11. Participated as Student Volunteer in Fourteen Days ICSSR Sponsored Capacity Building Programme for Social Science Faculty Members during 1st - 14th June 2017 held at Centre for Economic Studies, Central University of Punjab, Bathinda.

Dr. Rakesh Kumar Singh

1. Attended Seminar on "Urban Frontiers", conducted jointly by the Centre for the Study of Law and Governance/Jawaharlal Nehru University and National Institute of Urban Affairs, Delhi, 4th - 6th April 2017.
2. Attended World Bank Workshop on "South-South Knowledge Exchange on Leveraging Performance-Based Financing and Accountability for Local Governments" 9th - 11th May 2017, Delhi-Kolkata.

Conferences/ Seminars /Workshops/FDPs/MDPs Organized

1. 2nd International Conference on "Applied Economics and Business" in collaboration with The Indian Econometrics Society (TIES) during 28th - 29th July 2016 at Department of



Economics, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir.

2. Five Days Workshop as Course Coordinator on "Econometric Modeling: Techniques and Research Applications in Collaboration with The Indian Econometric Society (TIES) during 25th - 29th August 2016 at Department of Economics, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir.
3. 3rd International Conference as Organizing Secretary entitled "Sustainable Economic Development: Paths and Obstacles" during 24th - 25th March, 2017 at Department of Economics, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir.
4. One Day National Student Seminar On "Current Issues and Challenges of Indian Economy", 11th November 2016
5. National Seminar on "Demonetization of Currency & Indian Economy", 5th December 2016.
6. ICSSR NWRC sponsored One Day National Seminar on "ICT Initiation for Economic Development of North-West India" was organized by the Department of Economics, Shri Mata Vaishno Devi University on 30th March 2017 as convener and Coordinator.

organised by School of Economics, SMVDU and got 3rd position for paper presentation.

- Participated in North Zone Declamation Contest.

Pearl Sharma, 16IES027

- Research Paper on - "Inflation and its impact on the Indian economy: an empirical analysis".
- Received certificate for hosting- Tatva: The managerial fest.
- Got the certificate for the post of "Moderator" in "Welcome to hell: The panel discussion" which was a part of TATVA: The management fest.

Pankhuri Sein, 16IES025

- Participated in one day National student seminar on current issues and challenges of Indian economy organized by department of economics at SMVDU.

Ph.D. Guided

1. Dr. Kakali Majumdar: 04 PhD Student Under supervision
2. Dr. Rooplal Sharma: 03 PhD Student Under supervision
3. Dr. Meenakshi: 02 PhD Student Under supervision
4. Dr. Pabitra K Jena: 04 PhD Student Under supervision
5. Dr. Kirtti Ranjan: 01 PhD Student Under supervision

Students' Achievement

Suhasini Gupta, 14IES034

- Third Position holder, National Level Essay Competition organized by SARDAR VALLABHAI PATEL SMARAK TRUST, New Delhi.

Paras Dubay, 15IES026

- Best Concept Award, Paper Presentation Contest on "MAKE IN INDIA" organized by SATHYABAMA UNIVERSITY, CHENNAI on 19th November 2016.

Bhumika Sharma, 15IES010

- Best Guide Award, Paper Presentation Contest on "MAKE IN INDIA" organized by SATHYABAMA UNIVERSITY, CHENNAI on 19th November, 2016

Rajat Jain, 15IES034

- Participated in National level paper presentation competition held on 19th November 2016, Sathyabama University, Chennai and got selected for final round.

Himja, 16IES012

- Got 1st position in Interuniversity Debate competition and 2nd for essay writing organised by resurgenc2k17.
- Participated and presented paper in one day national Student seminar on current issues and challenges of Indian economy

FACULTY OF SCIENCES



SCHOOL OF BIOTECHNOLOGY

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1	Prof. V. Verma	Prof., Head, DoBT & Dean, FoE	Ph. D.	Plant Cytogenetics & Molecular biology
2	Dr. Sharada M. Potukuchi	Associate Prof. & Academic Coordinator, DoBT	Ph. D. Post Doc.	Plant Tissue Culture & Genetic Engineering
3	Dr. Ratna Chandra	Assistant Prof.	Ph. D., NET	Plant Genetic Engineering, Bt Transgenics
4	Dr. Anil Kumar	Assistant Prof.	Ph. D., NET	Synthetic Organic Chemistry
5	Dr. Preeti Sharma	Assistant Prof.	Ph. D.	Microbial & Environmental Biotechnology
6	Dr. Samantha Vaishnavi	Assistant Prof.	Ph. D., NET	Plant Molecular Biology and Genetics
7	Dr. Shafaq Rasool	Assistant Prof.	Ph. D.	Biotechnology
8	Mr. Parvez S. Slathia	Assistant Prof.	M.Sc. NET (Pursuing Ph. D.)	Biotechnology & Bioinformatics
9	Mr. Arvind Yadav	Assistant Prof.	M. Tech.	Biochemical Engineering
10	Dr. Indu Bushan	Assistant Prof.	Ph. D.	Enzymology and Biotransformation
11	Dr. Raju Shankarayan	Assistant Prof.	M. Tech. Ph. D., NET	Nanoparticulate drug delivery
12	Dr. Vinod Singh	Assistant Prof.	Ph. D., Post Doc.	Immunology
13	Dr. Swarkar Sharma	Assistant Prof.	Ph. D., Post Doc.	Genetics and Genomics of Human Disorders, Next Generation Sequencing
14	Dr. Ekta Rai	Assistant Prof.	Ph. D. Post Doc.	Molecular Genetics of Human Disorders, Next Generation Sequencing, Diabetes
15	Dr. Rakesh Kumar	Assistant Prof.	Ph. D. Post Doc.	Cancer Biology DNA Damage Response
16	Dr. Narender Bairwa	Assistant Prof.	Ph. D. Post Doc.	Genetics & Molecular Biology

PROGRAMMES OFFERED & ENROLLMENT:

B. Tech.

B. Tech. (Biotechnology)

M. Sc. (Biotechnology)

M. Sc.

Students enrolled 2017: 30

Students enrolled 2017: 54 (as on 16.08.2017)

DETAILS OF M.SC. STUDENTS:

BATCH	ADMITTED STUDENTS		
	MALE	FEMALE	TOTAL
2017 ENTRY	06	16	22
			(as on 16.08.2017)

DETAILS OF RESEARCH SCHOLARS:

YEAR 2016-17	PH.D.		
	MALE	FEMALE	TOTAL
Admitted 2017 (Biotechnology)	02	01	03
Admitted 2017 (Chemistry)	0	01	01
Awarded 2016-17 (Biotechnology)	0	0	0
Awarded 2016-17 (Chemistry)	01	0	01
Total presently under supervision Biotechnology)	04	25	29
Total presently under supervision (Chemistry)	02	01	03

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

RESOURCE PERSON	TOPIC OF THE LECTURE	DATE
Dr. M.V. Deshpande, Emeritus Scientist & Professor AcSIR Secretary, CSIR-National Chemical Laboratory, Pune; Adjunct Professor, Department of Biotechnology	Fungal Biology	13-19 November 2016
Dr. Tej Pandita, Professor & Scientific Director Department of Radiation Oncology Houston Methodist Weill Cornell Medical College, Texas, USA	DNA Damage and Stem Cells	21 November 2016
Dr. Anuj Gupta, Agilent	Recent Advancements in Microarray Technology	11 January 2017
Dr. Ramesh Ganju Scott Endowed Professor & Vice Chair, Department of Pathology & Experimental Pathology, Professor, Ohio State University, USA	Novel Inflammatory Circuits Modulating Breast Tumor Microenvironment	14 February 2017
Dr. S.A. Salgare Director, Salgare Research Foundation Pvt. Ltd., Prathamesh Society, Dist. Raigad, Maharashtra	Interaction with Ph. D. & PG Students of DoBT	21 March 2017
Dr. MV. Deshpande, Emeritus Scientist & Professor AcSIR Secretary, CSIR-National Chemical Laboratory, Pune; Adjunct Professor, Department of Biotechnology	Fungal Biology	24-29 April 2017

DEGREE AWARDEES:

B. Tech : 11

M. Sc. : 31

Ph. D. : 01

Names of Ph.D. Degree Awardees: Mr. Alamgir Ahmad Dar (14.07.2017)

INFORMATION ABOUT FACULTY

Research Projects Initiated & Completed by the Faculty

Title of the Project (PI/CoPI)	Funding agency	Amount sanctioned (Rs. In Lakhs)	Status/Duration
Strengthening of Botanical Garden (Dr. Dheeraj Vyas PI)	Ministry of Environment and Forest, GOI	11	Completed/2007-2008
Establishment of Herbal Garden Trikuta Hills at SMVDU University (Dr. Sharada M. Potukuchi PI)	National Medicinal Plants Board, Ministry of Health & Family Welfare, GOI New Delhi.	10	Completed/2007-2010
Fermentative production of lactic acid from Mahua flowers (Prof. V. Verma PI)	TRIFED, New Delhi	14.95	Completed/2007-2009
Establishment of Bioinformatics Infrastructure (BIF) for the promotion of Biology Teaching through Bioinformatics Phase I (Prof. V. Verma Coordinator)	Apex Bioinformatics Centre, Dept. of Biotechnology, New Delhi	62.28	Completed /2007-2012
Development of DNA fingerprints in selected medicinal plants (Prof. V. Verma PI)	Dabur India Limited, Ghaziabad	5.0	Completed/2007-2011
Exploring Myxobacteria from the state of Jammu and Kashmir for novel enzymes and secondary metabolism (Dr. Shafaq Rasool PI)	Department of Science & Technology, Govt. of India	19.63	Completed/2010-2013
Enantioselective synthesis and biological screening of some new β -blockers (Dr. Anil Kumar PI)	University Grants Commission, Govt. of India	7.61	Completed/2011-2014
DST Special Package for J&K (Prof. V. Verma Coordinator)	Department of Science & Technology, Govt. of India	97.4	Completed /2009-2014
UGC SAP DRS-I (Prof. V. Verma Coordinator, Dr. Sharada M. Potukuchi, Dy. Coordinator)	University Grants Commission, GOI	64.75	Completed /2011-2016
UGC SAP DRS-I Additional Grant (Prof. V. Verma Coordinator, Dr. Sharada M. Potukuchi, Dy. Coordinator)	University Grants Commission, GOI	20.0	Completed /2011-2016

Title of the Project (PI/CoPI)	Funding agency	Amount sanctioned (Rs. In Lakhs)	Status/Duration
Exploring Microbial Diversity & Mining Novel Hydrolases from Brackish Water Lakes of Ladakh Region by Metagenomic Approach (Dr. Shafaq Rasool PI)	Council of Scientific and Industrial Research, Govt. of India	34.0	Completed /2012-2015
mi RNA Status in Breast Tumors and therapeutic Potential (Prof. RNK Bamezai PI, Dr. Rakesh Kumar CoPI)	J&K State DST, J&K	150.0	Completed /2012-2015
Cell and tissue engineering of in vitro cultures of <i>Bacopa monnieri</i> (L.) (Dr. Sharada M. Potukuchi PI)	University Grants Commission, Govt. of India	13.708	Completed /2012-2015
Molecular modeling and drug docking studies on Cystathionine beta lyase in selected members of Enterobacteriaceae (Mr. Parvez S. Slathia PI, Dr. Preeti Sharma CoPI)	University Grants Commission, Govt. of India	1.60	Completed /2012-2014
Replication and characterization of newly identified T2D susceptible genetic loci in Some Indian Population Groups (Dr. Ekta Rai PI)	University Grants Commission, Govt. of India	6.0	Completed /2014-2016
Establishment of Bioinformatics Infrastructure (BIF) for the promotion of Biology Teaching through Bioinformatics (Prof. V. Verma Coordinator)	Apex Bioinformatics Centre, Dept. of Biotechnology, New Delhi	23.05	Ongoing/2013-2017
Targeting synthetic lethality interactions among Biotechnology, genome stability genes and F box proteins for personalized drug development (Dr. Narendra Bairwa PI)	Department of Govt. of India	87	Ongoing/2013-2018
Human Genetic Diversity and Evolutionary Perspectives of Type 2 Diabetes Susceptibility in Indian Populations (Dr. Swarkar Sharma, PI)	University Grants Commission, Govt. of India	6.0	Ongoing/2014-2016
Genetic Diversity and Evolutionary Perspectives in Population Groups of Jammu and Kashmir, India (Dr. Swarkar Sharma, PI; Dr. Ekta Rai CoPI)	National Geographic Society, USA	~30 (USD 50,000)	Ongoing/2014-2017
Genetic Perspectives of Type 2 Diabetes Susceptibility in Population Group of Jammu and Kashmir, India (Dr. Swarkar Sharma, PI)	Department of Science and Technology, SERB	27.0	Ongoing/2014-2017
Exploring potentials of probiotic bacteria as a potential source of phytate degrading enzymes and bacteriocin production (Dr. Preeti Sharma PI/ Mr. Parvez S. Slathia CoPI)	Department of Biotechnology, Govt. of India	37.08	Ongoing/2014-2016
Genetic perspectives of DNA damage in Breast Cancer (Dr. Rakesh Kumar PI)	Department of Science & Technology, Govt. of India	24.95	Ongoing/2015-2018

Title of the Project (PI/CoPI)	Funding agency	Amount sanctioned (Rs. In Lakhs)	Status/Duration
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 (Dr. V. Verma, PI/Dr. Shafaq Rasool, Co-PI)	Department of Biotechnology, Govt. of India	49.56	Ongoing/2015-2018
Bioactive Molecules from endophytic Microorganisms Dr. V. Verma, PI/Dr. Shafaq Rasool, Co-PI)	University Grants Commission, Govt. of India	13.90	Ongoing/2015-2018
To Study Synergistic Effect of Dietary Molecules/ Nutraceutical(s) in Combination with Clinically Validated Cancer Chemotherapeutic Agents (Dr. Samantha Vaishnavi, PI)	University Grants Commission, Govt. of India	14.05	Ongoing/2015-2018
Genetics of Gastric Carcinoma in Ethnic Population of Kashmir Dr. Swarkar Sharma (Mentor for Ms. Ruchi Shah, WOS-A)	Department of Science and Technology, SERB, Govt. of India	21.46	Ongoing/2016-2019
Molecular characterization of non-Small cell Lung carcinoma in patients from Jammu and Kashmir (Dr. Rakesh Kumar PI)	Department of Science and Technology, SERB, Govt. of India	91.019	Ongoing/2017-2020
TOTAL GRANTS		942.997 (Completed & Ongoing)	

Research Publications

- Gupta Vishnu Kumar, Devi Tishu, Verma Vijeshwar and Rasool Shafaq. 2017. Cloning of plantaricin structural gene *plnE* derived from metagenome of TsoKar a Brackish Water lake of Ladakh region. Research Journal of Biotechnology, 12(2): 66-70.
- Arshia Angural, Inderpal Singh, Ankit Mahajan, Pranav Pandoh, Manoj K. Dhar, Sanjana Kaul, Verma Vijeshwar, Ekta Rai, Sushil Razdan, Kamal Kishore Pandita and Swarkar Sharma. 2017. A variation in *PANK2* gene is causing pantothenate kinase associated neurodegeneration in a family from Jammu and Kashmir - India. Nature Scientific Reports, 7: 4834, doi. 10.1038/s41598-017-05388-9.
- Rashmi Saraswat, Vijeshwar Verma, Srinivas Sistla and Indu Bhushan. 2017. Evaluation of alkaline, thermotolerant lipase from an indigenous isolated *Bacillus* strain for detergent formulation. Electronic Journal of Biotechnology, 2017.
- Saima Khan, Meenu Katoch, Sharada Mallubhotla, Suphla Gupta, Manju Sambyal and Ashok Ahuja. (2016) Assessment of acid phosphatase production by in vitro cultures of *Atropa acuminata*. Plant Tissue Culture & Biotechnology, 25(1):15-23.
- Ashok Ahuja, Munish Sharma, Sharada Mallubhotla, M.K. Tripathi and S.P. Singh 2017. Application of Bioreactor System for High Throughput Propagation of Plants of Medicinal Importance-Some Case Studies. Frontiers in Crop Improvement, 5(1): 7-11.
- Sharma, M., Potukuchi, S.M. and Ahuja, A. 30/11/2016. *Achromobacter xylosoxidans* strain SMVDU-PTC-01 16S ribosomal RNA gene, partial sequence, to NCBI (www.ncbi.nlm.nih.gov/nuccore) GenBank submission ID-KY268293.
- Richa Sharma, Varun P Singh, Deepika Singh, Farnaz Yusuf, Anil Kumar, Ram A Vishwakarma and Asha Chaubey. 2016. Optimization of nonribosomal peptides production by a psychrotrophic fungus: *Trichoderma velutinum* ACR-P1, Applied Microbial Biotechnology, 100: 9091-9102.
- Alamgir A Dar, Nisar A Dangroo, Arun Raina, Arem Qayum, Shashank Singh, Anil Kumar and Payare L Sangwan. 2016. Biologically active xanthonenes from *Codonopsis ovata*. Phytochemistry, 132: 102-108.
- Parteek Kour, Anil Kumar and Vijai K. Rai. 2017. Aqueous microwave-assisted DMAP catalyzed synthesis of β -phosphonomalonates and 2-amino-4H-chromen-4-ylphosphonates via a domino Knoevenagel-phospha-Michael reaction. Comptes Rendus Chimie, 20: 140-145.
- Anil Kumar, Shivali Jamwal, Shahaba Khan, Nasseb Singh and Vijai K. Rai. 2017. Bi (NO₃)₃.5H₂O catalyzed phosphorylation of aldehydes: an efficient route to α -hydroxyphosphonates.

- Phosphorous, Sulfur, and Silicon and the Related Elements, 192(3): 381-385.
11. Subrata K. Ghosh, Kyle G. Lewis, Anil Kumar, John A. Gladysz. 2017. Syntheses of Families of Enantiopure and Diastereopure Cobalt Catalysts Derived from Trications of the Formula $[\text{Co}(\text{NH}_2\text{CHArCHArNH}_2)_3]^{3+}$. *Inorganic Chemistry*, 56: 2304-2320.
 12. Parteek Kour, Anil Kumar, Rashmi Sharma, Reena Chib, Inshad Ali Khan and Vijai K. Rai. 2017. Synthesis of 2-amino-4H-chromen-4 ylphosphon-ates and β -phosphonomalonates via tandem Knoevenagel-Phospha-Michael reaction and antimicrobial evaluation of newly synthesized β -phosphonomalonates. *Research on Chemical Intermediates*, doi:10.1007/s11164-017-3077-2.
 13. Slathia PS and Sharma P. 2016. Epitope based DNA vaccine design using epitopes predicted from Zika virus polyprotein. *International Journal of Infectious Diseases*, 53: p149.
 14. Sharma P, Raina N, Slathia PS, Katoch M and Bhagat D. 2016. Pretreatment strategies adopted for production of bioethanol from soft wood material of Shorea robusta and Cedrus deodara tree species. *New Biotechnology*, 33: S69.
 15. Indu Bhushan, Alhumaidi Alabbas, Jyothi C. Sistla, Rashmi Saraswat, Umesh R. Desai and Ram B. Gupta. 2017. Heparin depolymerization by immobilized heparinase: A review. *International Journal of Biological Macromolecules*, 99: 721-730.
 16. Sahakyan, H., B. Hooshiar Kashani, R. Tamang, A. Kushniarevich, A. Francis, M. D. Costa, A. K. Pathak, Z. Khachatryan, I. Sharma, M. van Oven, J. Parik, H. Hovhannisyan, E. Metspalu, E. Pennarun, M. Karmin, E. Tamm, K. Tambets, A. Bahmanimehr, T. Reisberg, M. Reidla, A. Achilli, A. Olivieri, F. Gandini, U. A. Perego, N. Al-Zahery, M. Houshmand, M. H. Sanati, P. Soares, E. Rai, J. Sarac, T. Saric, V. Sharma, L. Pereira, V. Fernandes, V. Cerny, S. Farjadian, D. P. Singh, H. Azakli, D. Ustek, N. Ekomasova Trofimova, I. Kutuev, S. Litvinov, M. Bermisheva, E. K. Khusnutdinova, N. Rai, M. Singh, V. K. Singh, A. G. Reddy, H. V. Tolk, S. Cvjetan, L. B. Lauc, P. Rudan, E. N. Michalodimitrakis, N. P. Anagnou, K. I. Pappa, M. V. Golubenkov, V. Orekhov, S. A. Borinskaya, K. Kaldma, M. A. Schauer, M. Simionescu, V. Gusar, E. Grechanina, P. Govindaraj, M. Voevoda, L. Damba, S. Sharma, L. Singh, O. Semino, D. M. Behar, L. Yepiskoposyan, M. B. Richards, M. Metspalu, T. Kivisild, K. Thangaraj, P. Endicott, G. Chaubey, A. Torroni and R. Villems (2017). Origin and Spread of Human Mitochondrial DNA Haplogroup U7. *Nature Scientific Reports*, 7: 46044.
 17. Sharma V, Sharma I, Sethi I, Mahajan A, Singh G, Angural A, Bhanwer AJ, Dhar MK, Singh V, Rai E and Sharma S. (2017). Replication of Newly Identified Type 2 Diabetes Susceptible Loci in Northwest Indian population" *Diabetes Res Clin Pract.* doi: 10.1016/j.diabres.2017.02. 013.
 18. Sethi I, Bhat GR, Singh V, Kumar R, Bhanwer AJ, Bamezai RN,



Sharma S and Rai E. Role of telomeres and associated maintenance genes in Type 2 Diabetes Mellitus: A review. *Diabetes Res Clin Pract.*; 122: 92-100. doi: 10.1016/j.diabres.2016.10.015.

Chapters Published in Books

1. Vivek K. Singh, Vinay Kumar, Ram Prakash, Jitendra Sharma, Anil Kumar, and Prashant Singh. 2016. "Recent Developments and Applications of Novel Analytical Techniques for the Analysis of Plant Materials". In *Technological Advancements in Plant Sciences*, Nova Science Publishers.
2. Indu Bhushan. 2016. "The Indian Himalayan as source for survival". In: *Springer Book*, 367-380.

Papers Presented in International / National Conferences / Symposia:

1. Meenu Sharma, V. Verma, Narendra K Bairwa. "Transcriptional regulation of quiescence state promoting factor Saf1p by MADS box motif protein Rlm1p in *S. cerevisiae*". Poster presentation at 14th International Congress on Yeast held at Awaji Yumbutai International Conference Centre, Hyogo, Japan; 11th - 15th September, 2016, pp: 343.
2. Priya Kaushik, V. Verma and Narendra K Bairwa. "Protein structure prediction and analysis of the F-box encoding cancer testis (CT) gene using HHpred bioinformatic tool". Paper presentation in National Symposium on "Bioinformatics & Computational System Biology", organized by Centre for Computational Biology & Bioinformatics, School of Life Sciences, CUHP, Dharamshala, Himachal Pradesh; 12th -14th November 2016.
3. Heena Shoket, V. Verma and Narendra K Bairwa. "In Silico analysis of conserved cohesion complex component SMC1 gene in various biological processes". Poster Presentation at Three Day National Symposium on Bioinformatics and Computational Systems Biology, organized by Centre for Computational Biology & Bioinformatics, School of Life Sciences, CUHP, Dharamshala, Himachal Pradesh; 12th - 14th November 2016.
4. Meenu Sharma, V. Verma, Narendra K Bairwa. "Cell wall integrity checkpoint protein Rlm1p as novel transcriptional regulator of F-box Encoding Gene SAF1 of *S. cerevisiae* during stress". Paper presentation in National Conference on "Fungal Biotechnology and 43rd Annual Meeting of the Mycological Society of India", organized by Birla Institute of Scientific Research, Jaipur; 16th - 18th November 2016.
5. V. Verma. "Bioprospecting Fungal Endophytes for Bioactive molecules" Oral Presentation at World Congress on Biotechnology (Theme: Biotechnology for Healthy & Sustainable Life), held at Cenetri Publishing Group at Taj Vivanta, Hyderabad; 15th - 16th December 2016.
6. Shafaq Rasool, Sofia Sharief Khan and V. Verma. "Myxobacterial Strain Discovery For Natural Product Drug Discovery". Poster Presentation at Three days 12th JK Science

Congress on the theme Science and Technology: Emerging Trends and Innovations, organized by University of Jammu in collaboration with J&K State Science, Technology and Innovation Council; 2nd - 4th March 2017.

7. Mansavi Bhardwaj, Tishu Devi, V. Verma and Shafaq Rasool. "Functional Metagenomics for the Discovery of Novel ORF's from Brackish Water Niches". Poster Presentation at Three days 12th JK Science Congress on the theme Science and Technology: Emerging Trends and Innovations, organized by University of Jammu in collaboration with J&K State Science, Technology and Innovation Council; 2nd - 4th March 2017.
8. Swadha Kailoo, V. Verma and Shafaq Rasool. "Bioprospecting for Cold-Active Hydrolytic Enzymes from Culturable Bacteria Associated With Apharwat Glacier". Poster Presentation at Three days 12th JK Science Congress on the theme Science and Technology: Emerging Trends and Innovations organized by University of Jammu in collaboration with J&K State Science, Technology and Innovation Council, 2nd - 4th March 2017.
9. Vishnu Kumar Gupta, Tishu Devi, V. Verma and Shafaq Rasool. "Accessing the Water Metagenome of Tsokar A Brackish Water Lake of Ladakh Region for Microbial Diversity Analysis". Poster Presentation at Three days 12th JK Science Congress on the theme Science and Technology: Emerging Trends and Innovations, organized by University of Jammu in collaboration with J&K State Science, Technology and Innovation Council; 2nd - 4th March 2017.
10. Shivani Sharma, Veeruchi Gupta, Shafaq Rasool and V. Verma. "Screening of Cellulases in Facultative Psychrophiles from Apharwat Glacier Gulmarg (J&K State)". Poster Presentation at Three days 12th JK Science Congress on the theme Science and Technology: Emerging Trends and Innovations, organized by University of Jammu in collaboration with J&K State Science, Technology and Innovation Council; 2nd - 4th March 2017.
11. Meenu Sharma, V. Verma and Narendra K Bairwa. "Cell wall integrity checkpoint protein Rlm1p as novel transcriptional regulator of F-box Encoding Gene SAF1 of *S. cerevisiae* during stress". Oral Presentation at 15th World Congress on Biotechnology and Biotech Industries Meet, organized by conferenceseries.com at Rome, Italy; 20th - 21st March 2017.
12. Shafaq Rasool, Vishnu Kumar Gupta, Tishu Devi and V. Verma. "Identification and Characterisation of a novel Thermostable and Oxidant stable Protease from "Chumathang" Hot spring using Functional Metagenomics". Oral Presentation at in 15th World Congress on Biotechnology and Biotech Industries Meet, organized by conferenceseries.com at Rome, Italy; 20th - 21st March 2017.
13. Neha Rana, Bavna Bhat, V. Verma, Inderpal Singh and Ratna Chandra. "Understanding the vascular Endothelial Growth Factor Receptor Kinase through Data mining and networking of the Experimental Structures available at PDB". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in

Biotechnology and Drug Discovery”, organized by Department of Biotechnology, SMVDU, Kakryal; 30th – 31st March 2017 (Received First prize in Poster Presentation).

14. Palak Kudiya, V. Verma and Narendra K Bairwa. “In-silico-analysis of target genes for miR-21 & miR-210. Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on “Recent Trends in Biotechnology and Drug Discovery”, organized by Department of Biotechnology, SMVDU, Kakryal; 30th – 31st March 2017, pp: 66.
15. Bavna Bhat, Neha Rana, V. Verma, Inderpal Singh and Ratna Chandra. “Mapping of cancer target Aurora A kinase through data mining and networking of its available experimental structures”. Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on “Recent Trends in Biotechnology and Drug Discovery”, organized by Department of Biotechnology, SMVDU, Kakryal; 30th – 31st March 2017.
16. Heena Shoket, V. Verma and Narendra K. Bairwa “CTF4- An Interacting partner of eukaryotic replisome.” Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on “Recent Trends in Biotechnology and Drug Discovery”, organized by Department of Biotechnology, SMVDU, Kakryal; 30th – 31st March 2017, pp: 57.
17. Sonali Verma, Amrita Bhat, G.R. Bhat, Sandeep Kaul, Jyotsna Suri, Ajay Wakhloo, V. Verma and Rakesh Kumar. “HER2 Expression in Ovarian Carcinomas: Eye View”. Poster Presentation at PATHOCON 2017, GMC, Jammu; 22nd April 2017.
18. Sonali Verma, Amrita Bhat, G.R. Bhat, Sandeep Kaul, Jyotsna Suri, Ajay Wakhloo, V. Verma and Rakesh Kumar. “Interactions of DNA repair gene polymorphism with Hormonal status of ovarian cancer females from Jammu region”. Poster Presentation at 2nd Medical Science Congress, organized by Sher-i-Kashmir Institute of Medical Sciences, SKICC, Srinagar; 10th – 13th May 2017.
20. Potukuchi S.M. “Career Opportunities for Women: IPR and Entrepreneurship”. Plenary Lecture at 4th J&K Women Science Congress (JKWSC), organized by Govt. College for Women, Gandhinagar, Jammu; 1st September 2016; pp: 37.
21. Mallubhotla Sharada. “Plant Tissue Culture in Medicinal Plants: Techniques and Applications”. Plenary Lecture at 10 days “National Training Programme on Plant Tissue Culture Techniques in Quality Planting Material Production and Crop Improvement”, organized by Department of Biotechnology, Sher-e-Kashmir University of Agricultural Sciences and Technology (SKUAST), Jammu; 6th September 2016.
22. Anuja Koul, Shagun Sharma, Jyotsna Sharma, Vijeshwar Verma and Sharada Mallubhotla. “Computational propensity of Bacoside A3 a key metabolite of Bacopa monnieri: Potential therapeutic target in Alzheimer’s disease”. Oral Presentation at 4th J&K Women Science Congress (JKWSC), organized by Govt. College for Women, Gandhinagar, Jammu;



1st - 3rd September 2016, pp: 37.

23. Jyotsna Sharma, Sourabh Sharma, Anuja Koul, Savita Sharma, Raju Shankarayan and Sharada Mallubhotla. Effect of Nutrients supplements on in vitro regeneration in *Kickxia ramosissima*. Oral Presentation at J&K Women Science Congress, organized by Govt. College for Women, Gandhi Nagar, Jammu; 1st - 3rd September 2016. PP. 25.
24. Savita Sharma, Neha Rani, Anuja Koul, Jyotsna Sharma and Sharada Mallubhotla. "Development of Protocol for Efficient Micropropagation of *Boerhaavia diffusa* L. Using Shoot tip Explants". Oral Presentation at 4th J&K Women Science Congress (JKWSC), Govt. College for Women, Gandhinagar, Jammu; 1st - 3rd September 2016 pp: 36.
25. Mallubhotla Sharada. "Modulation Of Secondary Metabolite Production Through Cell Manipulative Approaches In Selected Medicinal Plants". Invited Lecture at National Conference on Emerging Trends in Biotechnology for Agriculture, Medicine and Environment, organized by Mahila P. G. Mahavidyalaya, Jodhpur, Rajasthan; November 18th - 19th 2016, pp: 23.
26. Anuja Koul and Sharada Mallubhotla. "Studies on Optimization of Conditions for Maximizing Biomass and Bacoside Production in Suspension Cultures of *Bacopa monnieri* (L.) Wettst". Oral Presentation at National Conference on Emerging Trends in Biotechnology for Agriculture, Medicine and Environment, organized by Mahila P. G. Mahavidyalaya, Jodhpur, Rajasthan; 18th - 19th November 2016, pp: 48.
27. Savita Sharma and Sharada Mallubhotla. "Influence of Nutrient Supplements on in vitro Shoot Regeneration of Medicinally Important Plant *Boerhaavia diffusa* L". Oral Presentation at National Conference on Emerging Trends in Biotechnology for Agriculture, Medicine and Environment, organized by Mahila P. G. Mahavidyalaya, Jodhpur, Rajasthan; 18th - 19th November 2016, pp: 52.
28. Jyotsna Sharma, Raju Shankarayan and Sharada Mallubhotla. High frequency in vitro regeneration system for conservation of *Kickxia ramosissima* (Wall) Janch: a medicinally important herb. Oral Presentation at National Conference on "Emerging Trends in Biotechnology for Agriculture, Medicine and Environment" organized by Mahila P.G. Mahavidyalaya, Jodhpur; 18th - 19th November 2016, pp: 50.
29. Anuja Koul, Manoj Kumar, Jyotsna Sharma, Savita Sharma, Mohita Sharma, Vinay Dhiman and Sharada Mallubhotla. "Biogenic Synthesis, Characterization and Evaluation of Antimicrobial Efficiency of Plant Mediated Silver Nanoparticles of *Bacopa monnieri*". Poster Presentation at National Conference on Recent Advances in Materials Science and Spectroscopy NCRAMSS-2017, Department of Physics, SMVDU; 15th - 17th February 2017, PP: 66, pp: 83-84.
30. Jyotsna Sharma, Manoj Kumar, Sourabh Sharma, Anuja Koul, Savita Sharma, Raju Shankarayan, Mohita Sharma, Vinay Dhiman and Sharada Mallubhotla. "Characterization and Antimicrobial Activity Analysis of Silver Nanoparticles Synthesized from Field Grown and In Vitro Regenerated Shoots Of *Kickxia ramosissima*". Poster Presentation at National Conference on Recent Advances in Materials Science and Spectroscopy NCRAMSS-2017, Department of Physics, SMVDU; 15th - 17th February 2017, PP: 53, pp: 72-73.
31. Sharada M. Potukuchi. "Propagation and Conservation of Medicinal Plant Species Using Plant Tissue Culture". Invited Lecture at "Three Weeks Refresher Course", from 6-27 March, 2017, at School of Biotechnology, in collaboration with the Human Resource Development Centre, University of Jammu on 8th March 2017.
32. Savita Sharma, Shaveta Chauhan, Sanjay Sharma and Sharada Mallubhotla. "Biology, Culture, Conservation, Commercialization & Sustainable utilization of Medicinally & Floriculturally Important orchids". Poster Presentation at National Conference cum Workshop on "Biology, Culture, Conservation, Commercialization & Sustainable Utilization of Medicinally & Floriculturally Important Orchids" organized by The Orchid Society of India (TOSI) Punjab University, Chandigarh at Graphic Era University, Dehradun; 24th - 26th March 2017, pp: 22.
33. Rajni Sharma, Fidrah Batool, Chahat Gupta, Anuja Koul, Jyotsna Sharma, Savita Sharma, and Sharada Mallubhotla. "Studies on Exploration and Mapping of Medicinal Plant species of Shri Mata Vaishno Devi University Campus, Kakryal, Katra, J&K". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery", organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017, pp: 79.
34. Vidushi Abrol, Sundeep Jaglan and Sharada Mallubhotla. "Chemical Mutagenesis in Fungi for the Production of Bioactive Secondary Metabolites". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery", organized by Department of Biotechnology, SMVDU, Kakryal; 30th -31st March 2017, pp: 95.
35. Ratna Chandra and Supriya Hakeem. "Dna Primase (DNAG) as a potent drug target of *Mycobacterium tuberculosis*". Oral Presentation at 6th Molecular Pathology Association of India Conference, organized by KIIT University, Bhubaneswar; 10th - 11th February 2017.
36. Supriya Hakeem and Ratna Chandra. "Docking Studies on *Mycobacterium tuberculosis* - FtsZ". Poster Presentation at Annual Symposium of Indian Biophysical Society, organized by IISER Mohali; 22nd - 25th March 2017.
37. Anil Kumar and John A. Gladysz. "Synthesis of Families of Enantiopure and Diastereopure Octahedral Cobalt Catalysts and their Utility in Organic Synthesis". Oral Presentation at 23rd ISCB International Conference (ISCB-2017), organized by SRM College of Pharmacy in association with Indian Society of Chemists and Biologists (ISCB), Chennai; 8th -10th

February 2017.

38. Anil Kumar and John A. Gladysz. "Synthesis and Spectroscopic Analysis of Chiral Octahedral Complexes". Oral Presentation at National Conference on Recent Advances on Material Science and Spectroscopy-2017, organized by Department of Physics, SMVDU University in Collaboration with Laser and Spectroscopy Society of India; 15th -17th February 2017.
39. Anil Kumar and John A. Gladysz. "Chiral Octahedral Complexes as Catalysts for Enantioselective Organic Synthesis". Oral Presentation in "2nd European Organic Chemistry Congress on Enhancing the New Innovations and Challenges in Organic Chemistry" held at Amsterdam, Netherlands; 2nd - 3rd March 2017.
40. Parteek Kour, Anil Kumar and Tajinder Singh. "One-pot multicomponent synthesis of tetrazolopyrimidine derivatives". Presentation in One Day State Level Science Conference on "Innovative Research in Science and Technology for Sustainable Development", organized by Govt. PGDC Poonch, Jammu and Kashmir; 20th March 2017, pp: 34.
41. Nasseb Singh and Anil Kumar. "A simple one-pot multicomponent [3+2]-cycloaddition reaction catalysed by CuI in mixed solvent-system leading to the synthesis of β -hydroxy triazoles". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery", organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017, pp: 63.
42. Parteek Kour and Anil Kumar. "An efficient multicomponent approach for the synthesis of new tetrahydro-4H-Chromene derivatives". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery", organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017, pp: 67.
43. Vishalli Thakur, Nasseb Singh and Anil Kumar. "An efficient one-pot synthesis of highly substituted piperidines using ammonium molybdate as a reusable catalyst". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery", organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017, pp: 97.
44. Megha Chib, Parteek Kour and Anil Kumar. "An efficient one-pot multicomponent synthesis of β -phosphomalonates". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery", organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017, pp: 61.
45. Parvez Singh Slathia and Preeti Sharma. Epitope based DNA vaccine design using epitopes predicted from Zika virus polyprotein. Oral Presentation at International Meeting on Emerging Diseases, held at Vienna, Austria; 4th - 7th

November 2016.

46. Neelu Raina, Parvez Singh Slathia and Preeti Sharma. "Effect of different pretreatment methods on saccharification of deodar and sal sawdust". Poster Presentation at International Conference on Renewable Energy for Sustainable Environment: Challenges & Remedies, held at SMVDU; 20th - 21st March 2017.
47. Asha Kiran, Rizem Kour, Preeti Sharma and Parvez Singh Slathia. "Effect of biomass loading on sugar yield during thermochemical pretreatment of pine needles". Poster Presentation at International Conference on Renewable Energy for Sustainable Environment: Challenges & Remedies, held at SMVDU; 20th - 21st March 2017.
48. Preeti Sharma and Parvez Singh Slathia. "Phytoremediation of Devika river water using Lemnoideae (Duckweed)". Oral Presentation at 5th International Conference on Advances in Chemical, Biological & Environmental Engineering (ACBEE-17), held at Singapore; 29th - 30th March 2017.
49. Parvez S. Slathia and Preeti Sharma. "Production of Ethanol from Alkali Pretreated Pine Needles Using Different Fermentation Methods". Oral Presentation at 5th International Conference on Advances in Chemical, Biological & Environmental Engineering (ACBEE-17), held at Singapore; 29th - 30th March 2017.
50. Jeevan Deep Kour, Komal Khajuria, Parvez Singh Slathia and Preeti Sharma. "Characterization of phytate degrading activity in Lactic acid bacteria isolates". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March, 2017.
51. Diksha Gupta, Sonali Sharma, Parvez Singh Slathia and Preeti Sharma. "Detection of antimicrobial and bacteriocin activity in Lactic acid bacteria isolates". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
52. Neelu Raina, Deepali Bhagat, Parvez Singh Slathia and Preeti Sharma. "Evaluation of chemical pre-treatment method for reducing sugar production from deodar sawdust". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
53. Deepali Bhagat, Preeti Sharma, Parvez Singh Slathia and Neelu Raina. "Evaluation and screening of bacteriocin producing Lactic acid bacteria as a probiotic". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
54. Diksha Jamwal, Sofia Sharief Khan and Shafaq Rasool. "Bioactive Potential Of Endophytic Microorganisms Isolated

- From Himalayan Yew". Poster Presentation at Three days 12th JK Science Congress on the theme Science and Technology: Emerging Trends and Innovations organized by University of Jammu in collaboration with J&K State Science, Technology and Innovation Council; 2nd - 4th March, 2017.
55. Arvind Kumar Yadav, "Analysis of malathion degradation by *Pseudomonas* sp. with the help of Spectrophotometric Method. Presentation at National Conference on Recent Advances in Materials Science and Spectroscopy NCRAMSS-2017, Department of Physics, SMVDU; 15th - 17th February 2017.
 56. Arvind Kumar Yadav, "Kinetic Study of Citric Acid Production by *Aspergillus niger*". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
 57. Shalu Kumari, Ankush Khajuria, Himani Chandel, Rahul Kumar, Arvind Kumar Yadav and Indu Bhushan. "Immobilization of Xylanase on Silica Gel and Ca Alginate Bead". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
 58. Indu Bhushan, "Enhancement in the production of enzyme isolated from microorganism of Himalayan region of J&K (India) using various statistical and fermentation techniques". Oral Presentation at International Conference on Engineering and Technology", held at New York (USA), 2016.
 59. Indu Bhushan. "Kinetic study of lipase using spectrophotometric analysis". Oral Presentation at "National Conference on Recent Advances in Materials Science and Spectroscopy NCRAMSS-2017", Department of Physics, SMVDU; 15th - 17th February 2017.
 60. Raju Shankarayan. "Nanotechnology: a boon for solving world energy problem". Oral Presentation at "International Conference on Renewable Energy for Sustainable Environment: Challenges and Remedies (ICRESE- 2017)" organized by Department of Energy Management, SMVDU, Kakryal; 20th - 21st March 2017, pp: 55.
 61. Kirti Sharma and Raju Shankarayan. "Preparation and Optimization of Streptomycin loaded Chitosan Nanoparticles". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017, pp: 60.
 62. Priya Kaw, Anamika Khajuria and Raju Shankarayan. Synthesis of sustained release nanoformulation of Bacitracin using Chitosan as a polymer". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017, pp: 77.
 63. Raju Shankarayan. "Alternative Therapies in India". Oral Presentation at 6th Three-Week Special Summer School, organized by UGC-HRDC, Jamia Millia Islamia, New Delhi; 29th May - 17th June, 2017.
 64. Itty Sethi, G.R. Bhat, Varun Sharma, Ankit Mahajan, Gurvinder Singh, Rakesh Kumar, Vinod Singh, Manoj K. Dhar, AJS Bhanwer, Swarkar Sharma and Ekta Rai. "Telomere Length Attrition and Type 2 Diabetes in Ethnic Population of Jammu and Kashmir". Poster Presentation at 42nd Indian Society of Human Genetics Annual Meeting and International Conference organized by IISc, Bangalore; 2nd - 4th March, 2017, pp: 179.
 65. Itty Sethi, G.R. Bhat, Varun Sharma, Ankit Mahajan, Gurvinder Singh, Rakesh Kumar, Vinod Singh, Manoj K Dhar, AJS Bhanwer, Swarkar Sharma and Ekta Rai. "Leukocyte telomere length, a marker of senescence is associated with type 2 diabetes". Presentation at 2nd JK Medical Science Congress, organized by Sher-i-Kashmir Institute of Medical Sciences, SKICC, Srinagar; 10th - 12th May 2017.
 66. Varun Sharma, Indu Sharma, Itty Sethi, Ankit Mahajan, Gurvinder Singh, Arshia Angural, A.J.S. Bhanwer, Manoj K. Dhar, Vinod Singh, Ekta Rai and Swarkar Sharma. "Replication of Newly Identified Type 2 Diabetes Candidates Gene Variants in Northwest India Population". Poster Presentation at 42nd Indian Society of Human Genetics Annual Meeting and International Conference organized by IISc, Bangalore; 2nd - 4th March 2017, pp: 180.
 67. Akshi Spolia, Arshia Angural, Ankit Mahajan, Manoj Dhar, Vijeshwar Verma, Sushil Razdan, Kamal Kishore Pandita, Ekta Rai and Swarkar Sharma. "Family with Neurofibromatosis Type 1 identified in Jammu and Kashmir, India". Presented at 42nd Indian Society of Human Genetics Annual Meeting and International Conference organized by IISc, Bangalore; 2nd - 4th March 2017, pp: 174.
 68. Indu Sharma, Varun Sharma, Parvinder Kumar, Ekta Rai, Miguel Vilar and Swarkar Sharma. "Highly Diverse Maternal Gene Pool of Population of Jammu & Kashmir- India Refutes Exclusive Male Mediated Gene Flow to India". Poster Presentation at 42nd Indian Society of Human Genetics Annual Meeting and International Conference organized by IISc, Bangalore; 2nd - 4th March 2017, pp: 183.
 69. Monika Pandita, Meenu Sharma, Heena Shoket, Amrita Bhat, Rakesh Kumar and Narendra K. Bairwa. "F-box proteins and Cancer: An unravelled association". Poster Presentation at One Day Conference: "Crab-e-Con 2016: Lung cancer update", held at Hotel Fortune Inn Rivera; 3rd September 2016.
 70. Monika Pandita, Rakesh Kumar and Narendra K. Bairwa. "Myeloproliferative Neoplasms: The slow progressing Blood cancers". Poster presentation at International Conference on Recent Trends and Advancements in Engineering and Technology (ICRTAET) organized at SMVDU; 17th -18th November 2016.
 71. Shilpa Raina, G.R. Bhat, Sheetal Bhat, Nipunta, Deepak Abrol and Rakesh Kumar. "Underlying genetic mechanism of Ataxia-

- Telangiectasia". Poster Presentation at 12th JK Science Congress, Jammu University; 2nd - 5th March 2017.
72. Nipunta, G.R Bhat , Amrita Bhat and Rakesh Kumar. " Impact of lung carcinoma on human health". Poster Presentation at 12th JK Science Congress, Jammu University; 2nd - 5th March, 2017.
 73. Sheetal Bhat, G.R. Bhat, Nipunta, Shilpa Raina, Sandeep Kaul and Rakesh Kumar- Presented poster titled-"Genetic characterization of human pulmonary neoplasm and its effect on human health". Poster Presentation at 12th JK Science Congress, Jammu University; 2nd - 4th March 2017.
 74. Vandeeta Sharma, Sonali Verma, Supinder Singh, Ajay Wakhloo and Rakesh Kumar. "Genetic Analysis of Polycystic Ovarian syndrome in Jammu region. Poster Presentation at 12th JK Science Congress, Jammu University; 2nd - 5th March 2017.
 75. Vandeeta Sharma, Sonali Verma, Ajay Wakhloo and Rakesh Kumar. "Single Nucleotide Polymorphic analysis of Ovarian Cancer in Women of Jammu region. Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
 76. Shilpa Raina, G.R. Bhat, Sheetal Bhat, Nipunta, Deepak Abrol and Rakesh Kumar "Role of atm gene variations in pathogenesis of various cancers". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
 77. Shilpa Raina, G.R. Bhat, Deepak Abrol and Rakesh Kumar. "Genetic Diversity in Ataxia Talangesia Mutated Gene". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
 78. Nipunta, Amrita Bhat, K.K. Pandita, Susheel Razdan and Rakesh Kumar "Role of Genetics in Amyotrophic Lateral Sclerosis". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
 79. Sheetal Bhat, G.R. Bhat, Sandeep Kaul and Rakesh Kumar. "Recent Trends in Non Small Cell Lung Cancer". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
 80. Sheetal Bhat, G.R. Bhat, Nipunta, Shilpa Raina, Sandeep Kaul and Rakesh Kumar. "Etiology of lung cancer" Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
 81. Sheetal Bhat, G.R. Bhat, Sandeep Kaul and Rakesh Kumar. "Pathology of Lung Cancer". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017.
 82. Gh. Rasool Bhat, Sonali Verma, Amrita Bhat, Deepak Abrol, Khursheed A Dar and Rakesh Kumar. "Effect of Cigarette Smoking in Changing Histopathology Among Lung Cancer Patients" at PATHOCON 2017, GMC, Jammu; 22nd April 2017.
 83. Amrita Bhat, Sonali Verma, G.R. Bhat, Jyotsna Suri, Deepak Abrol, Rahul Sharma and Rakesh Kumar. "Significant Histopathology in the Classification and Diagnosis of Leukemia" at PATHOCON 2017, GMC, Jammu; 22nd April 2017.
 84. Divya Bakshi, Deepak Abrol, Sandeep Kaul and Rakesh Kumar. "Pathology Of Breast Cancer" at PATHOCON 2017, GMC, Jammu; 22nd April 2017.
 85. Bhanu Sharma, Divya Bakshi, Deepak Abrol, Jyotsna Suri, Samantha Vaishnavi and Rakesh Kumar. "Pathologic Classification of non-functioning neuroendocrine tumors by using significant biomarkers" at PATHOCON 2017, GMC, Jammu; 22nd April 2017.
 86. Narendra K Bairwa. "Genetic Networks in Breast Cancer Susceptibility and Utility in Synthetic Lethality Application." Oral Presentation in UGC sponsored National Seminar on Recent Trends in Genomics & Metabolomics, at School of Biotechnology, University of Jammu, Jammu; 17th - 18th March 2017, pp: 27.
 87. Monika Pandita, Meenu Sharma, Heena Shoket, Kumar R and Narendra K Bairwa. "Genome stability regulators: Ubiquitin and Fbox proteins". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017, pp: 62.
 88. Sunidhi Sharma and Narendra K Bairwa. "In-silico- analysis of target genes for miR-29 & miR-181". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017, pp: 88.
 89. Priya Pandita, Meenu Sharma, Monika Pandita, Heena Shoket and Narendra K Bairwa. "Isolation of wild yeast from the fruit of Solanum macrocarpon from the campus of SMVDU, Jammu region". Poster Presentation at UGC sponsored and SMVDU supported Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery" organized by Department of Biotechnology, SMVDU, Kakryal; 30th - 31st March 2017, pp: 77.

Conferences/Workshops/Short term Courses Attended



1. Sharada M. Potukuchi. One Day Workshop on "Patent Drafting and Filing", organized by Department of Biotechnology and Technology Information, Forecasting & Assessment Council (TIFAC), DST (GOI); 20 Oct., 2016.
2. Sharada M. Potukuchi. One Day Workshop on Bioinformatics "Bio-molecular Visualization and Drug Discovery", organized by Department of Biotechnology, SMVDU, Katra; 17th March, 2017.
3. Sharada M. Potukuchi. One Day Workshop on "Scientific Innovation & Intellectual Property Rights", organized by Department of Biotechnology, SMVDU, Katra; 27th March 2017.
4. Sharada M. Potukuchi. Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery", organized by Department of Biotechnology, SMVDU, Katra; 30-31st March 2017.
5. Anil Kumar. One Day Workshop on "Patent Drafting and Filing", organized by Department of Biotechnology and Technology Information, Forecasting & Assessment Council (TIFAC), DST (GOI); 20th October 2016.
6. Anil Kumar. One Day Workshop on "Scientific Innovation & Intellectual Property Rights", organized by Department of Biotechnology, SMVDU, Katra; 27th March 2017.
7. Arvind Kumar Yadav. "QIP Short Term course on Advances in Bioprocess Engineering", organized by IIT (BHU), Varansi; 19th - 24th June, 2017.
8. Raju Shankarayan. 6th Three-week Special Summer School organized by UGC-HRDC, Jamia Millia Islamia, New Delhi from 29th May - 17th June 2017 and obtained Grade "A".
9. Vinod Singh. One Day Workshop on "Patent Drafting and Filing", organized by Department of Biotechnology and Technology Information, Forecasting & Assessment Council (TIFAC), DST (GOI); 20th October 2016.
10. Vinod Singh. DST-NIMAT Project Sponsored FDP on "Entrepreneurship Development", organized by EDC, SMVDU, Katra; 12th - 24th December 2016.
11. Vinod Singh. One Day Workshop on Bioinformatics "Bio-molecular Visualization and Drug Discovery", organized by Department of Biotechnology, SMVDU, Katra; 17th March 2017.
12. Vinod Singh. One Day Workshop on "Scientific Innovation & Intellectual Property Rights", organized by Department of Biotechnology, SMVDU, Katra; 27th March 2017.
13. Vinod Singh. Two Days National Symposium on "Recent Trends in Biotechnology and Drug Discovery", organized by Department of Biotechnology, SMVDU, Katra; 30th - 31st March 2017.

Awards

1. V. Verma. Prestigious Distinguished Scientist Award in the World Congress on Biotechnology (Theme: Biotechnology for healthy & Sustainable life) held at Taj Vivanta, Hyderabad on 15th - 16th December 2016.
2. Mallubhotla Sharada. International Plant Scientist Award 2016

in appreciation of outstanding contribution and research in the field of Plant Tissue Culture and Genetic Engineering by Academy of Plant Scientists, India (APSI) at 26th APSI Meet and National Conference on Emerging Trends in Biotechnology for Agriculture, Medicine and Environment at Mahila P. G. Mahavidyalaya, Jodhpur, Rajasthan; 18th - 19th November 2016.

3. Mallubhotla Sharada. Best Presentation Award for Paper Presentation for National Conference on Emerging Trends in Biotechnology for Agriculture, Medicine and Environment on "Modulation Of Secondary Metabolite Production Through Cell Manipulative Approaches In Selected Medicinal Plants" at Mahila P. G. Mahavidyalaya, Jodhpur, Rajasthan; 18th - 19th November 2016.
4. Mallubhotla Sharada. Third Prize for Best poster Presentation for National Conference cum Workshop on "Biology, Culture, Conservation, Commercialization & Sustainable Utilization of Medicinally & Floriculturally Important Orchids" organized by The Orchid Society of India (TOSI) Punjab University, Chandigarh at Graphic Era University, Dehradun; 24th - 26th March 2017, pp: 22.
5. Bhushan Indu. Raman Post Doctoral Fellowship pursued at School of Chemical and Life Science Engineering, Virginia Commonwealth University, Richmond, USA; funded by the University Grants Commission, New Delhi, Govt. of India; 22nd July 2016 - 21st January 2017.
6. Bhushan Indu. Excellent Paper Award at International Conference on Engineering and Technology, held at New York, USA; 2016.

Conferences/Seminars/Workshops/FDPs/MDPs Organized by Department of Biotechnology

1. 470th Tree Talk and 6th Tree Talk Foundation Day Celebrations, SMVD University; 19th December 2016; Organizer - Dr. Sharada M. Potukuchi.
2. National Science Day-2017 celebrations under the theme "Science and Technology for Specially Abled Persons" organized by Faculty of Sciences, SMVDU; 28th February 2017; Organizer - Dr. Sharada M. Potukuchi, Committee Members - Prof. V. Verma, Dr. Rakesh Kumar
3. One day National Workshop on "Bio molecular Visualization and Drug Discovery" sponsored by DBT, BIF Project, Govt. of India; organized by Department of Biotechnology, SMVDU; 17th March 2017; Organizer - Prof. V. Verma.
4. One Day Workshop on "Scientific Innovation and Intellectual Property Rights" sponsored by J&K Science, Technology and Innovation Council; organized by Department of Biotechnology, SMVDU; 27th March, 2017; Organizer - Dr. Rakesh Kumar.
5. UGC sponsored and SMVDU supported, "Two days, National Symposium on "Recent Trends in Biotechnology and Drug Discovery", 30th - 31st March 2017; Organizer - Dr. Narendra Bairwa.
6. One Day Cancer Awareness Camp organized at Mela Kheer

Bhawani, District Ganderbal, Kashmir; 2nd June 2017; Organizer - Dr. Rakesh Kumar.

Students' Achievement

- Ms. Meenu Sharma, Ph. D. Scholar awarded Travel Grant (30,000 Yen) to attend and present the research work in the 14th International Congress on Yeasts, organized at Awaji Yumebutai, International Conference Center, Hyogo, Japan; 11th - 15th September 2016.
- Ms. Savita Sharma, Ph. D. Scholar awarded Third Prize for Best poster Presentation for "Biology, Culture, Conservation, Commercialization & Sustainable utilization of Medicinally & Floriculturally Important orchids". Poster Presentation at National Conference cum Workshop on "Biology, Culture, Conservation, Commercialization & Sustainable Utilization of Medicinally & Floriculturally Important Orchids" organized by The Orchid Society of India (TOSI) Punjab University, Chandigarh at Graphic Era University, Dehradun; 24th - 26th March 2017, pp: 22.
- Gh. Rasool Bhat, Ph. D. Scholar awarded Young Scientist (Poster) Silver Medal - for Poster Presentation "Polymorphism in DNA Repair Gene XRCC1 and its Role in Susceptibility to Lung Cancer Risk in Ethnic Population of Jammu and Kashmir". At "2nd Medical Science Congress, organized by Sher-i-Kashmir Institute of Medical Sciences, Srinagar at SKICC, Srinagar; 10-12th May 2017.
- Itty Sethi, Ph. D. Scholar awarded Young Scientist (Oral) -Silver medal - for Oral Presentation "Leukocyte telomere length, a marker of senescence is associated with type 2 diabetes". At "2nd Medical Science Congress, organized by Sher-i-Kashmir Institute of Medical Sciences, Srinagar at SKICC, Srinagar; 10-12th May 2017.

Ph. D. Guided

1. Alamgir Ahmed Dar. Chemical Investigation of phytomolecules and their structural modification for biological importance; under the guidance of Dr. P. L. Sangwan (Supervisor) & Dr. Anil Kumar (Co-Supervisor); 14th July 2017.

SCHOOL OF PHYSICS

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1	Dr. Yugal Khajuria	Assistant Professor	M.Sc., Ph.D.	Atomic & Molecular Physics
2	Dr. S.K. Wanchoo	Assistant Professor	M.Sc., Ph.D.	Thin Film
3	Dr. Jitendra Sharma	Assistant Professor	M.Sc., Ph.D.	Polymer Nanotechnology
4	Dr. Kamni	Assistant Professor	M.Sc., Ph.D.	Condensed Matter Physics
5	Dr. Vivek Kr. Singh	Assistant Professor	M.Sc., D.Phil.	Laser and Spectroscopy
6	Dr. Vinay Kumar	Associate Professor	M.Sc., Ph.D.	Materials Science/Nanotechnology
7	Mr. Pankaj Biswas	Assistant Professor	M.Sc.,	Electronics
8	Dr. Ram Prakash	Assistant Professor	M.Sc., Ph.D.	Materials Science

PROGRAMMES OFFERED & ENROLLMENT:

B. Tech.	M. Sc.
Fundamental of Physics	Physics

DETAILS OF M.TECH./M.SC./M.A STUDENTS:

BATCH	ADMITTED STUDENTS		
	MALE	FEMALE	TOTAL
2016 ENTRY 2016-17	12	21	33

DETAILS OF RESEARCH SCHOLARS:

YEAR 2016-17	PH.D.		
	MALE	FEMALE	TOTAL
Admitted 2016-17	00	02	02
Awarded 2016-17	03 (Thesis submitted)	02 (Thesis submitted)	05 (Thesis submitted)
Total Presently under Supervision	03	05	08

DEGREE AWARDEES:

M.Sc. : 32 (Thirty two)
Ph.D. : 05 (Thesis submitted)

Names of Ph.D. Degree Awardees: N.A.

INFORMATION ABOUT FACULTY

Research Projects Initiated & Completed by the Faculty:

Title of the Project	Funding agency	Amount sanctioned	Status/Duration
Synthesis and study of electronic structure of transition metal doped and undoped Eu2O3 thin films (P.I.: Dr. Ram Prakash)	UGC- DAE CSR, Indore	Rs. 6,89,400/-	Ongoing/ 3 Years
Synthesis and characterization of mixed Borate/ phosphate nanophosphors for Solid State Lighting" (P.I.: Dr. Vinay Kumar)	EMR, SERB, Govt. of India	Rs. 18, 25,560/-	Ongoing/ 3 Years

Research Publications

1. S. Kumar, R. Prakash, R.J. Choudhary, and D.M. Phase, Resonant Photoemission Spectroscopic Studies of Eu2O3 Thin Film. J. Appl. Phys. 120 (2016) 125309.
2. R. Prakash, S. Kumar and V. Kumar, Photoluminescence investigation of Dy3+ doped α -Al2O3 phosphor; AIP Conference Proceedings 1832 (2017) 140016.
3. S. Kumar, R. Prakash, R.J. Choudhary, D.K. Shukla and D.M. Phase, Electronic structure studies of Fe doped Eu2O3 thin film using X-ray absorption and resonant photoemission spectroscopy. Journal of Alloy and Compounds 711 (2017) 598-602.
4. V. Kumar, M. Manhas, A.K. Bedyal, and H.C. Swart, Synthesis, spectral and surface investigation of novel CaMgB2O5: Dy3+ nanophosphor for UV based white LEDs. Materials Research Bulletin, 91 (2017) 140-147.
5. A.K. Bedyal, V. Kumar, O.M. Ntwaeaborwa, and H.C. Swart, Investigation of thermoluminescence response and trapping parameters of 120 MeV Ag9+ and γ -ray exposed NaSrB03: Dy3+ phosphor for dosimetry. Journal of Alloys and Compounds, 691 (2017) 919-928.
6. A.K. Bedyal, V. Kumar, and H.C. Swart, Charge compensated



- derived enhanced red emission from $\text{Sr}_3(\text{VO}_4)_2:\text{Eu}^{3+}$ nanophosphors for white light emitting diodes and flat panel displays. *Journal of Alloys and Compounds*, 709 (2017) 362-372.
7. A.K. Bedyal, V. Kumar, H.C. Swart, Investigation of thermoluminescence characteristics of $\text{NaSrBO}_3:\text{Sm}^{3+}$ phosphor against 120MeV Ag^{9+} ion and γ -ray irradiation prepared by different methods, *Journal of Luminescence*, 187(2017) 499-506.
 8. N.S. Jamwal, M.I.Ul. Haq, A. Raina, A. Anand, and V. Kumar, Synthesis and tribological investigation of Al-SiC based nano hybrid composite. *Alexandria Engineering Journal* (2017) Published Online <http://www.sciencedirect.com/science/article/pii/S1110016817301709>
 9. R. Kumar, V. Kumar, and V. Sharma, Fourier transform infrared spectroscopy and chemometrics for the characterization and discrimination of writing/photocopier paper types: Application in forensic document examinations. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 170 (2017) 19-28.
 10. V.K. Singh, A. Devi, S. Pathania, V. Kumar, D.K. Tripathi, S. Sharma, D.K. Chauhan, V.K. Singh, AND V. Zorba, Spectroscopic investigation of wheat grains (*Triticum aestivum*) infected by wheat seed gall nematodes (*Anguina tritici*). *Biocatalysis and Agricultural Biotechnology*, 9 (2017) 58-66.
 11. P. Biswas, V. Kumar, N. Padha, and H.C. Swart, Synthesis, structural and luminescence studies of $\text{LiSrVO}_4:\text{Sm}^{3+}$ nanophosphor to fill amber gap in LEDs under n-UV excitation. *J. Mater. Sci: Mater Electron* 28 (2017) 6159-6168.
 12. A.K. Bedyal, V. Kumar, and H.C. Swart, Charge compensated derived enhanced red emission from $\text{Sr}_3(\text{VO}_4)_2:\text{Eu}^{3+}$ nanophosphors for white light emitting diodes and flat panel displays. *Journal of Alloys and Compounds*, 709 (2017) 362-372.
 13. J. Ladol, H. Khajuria, and R. Singh, V. Kumar, and H.N. Sheikh, Organic additive assisted hydrothermal synthesis and photoluminescence properties of $\text{CeF}_3:\text{Tb}^{3+}$ and $\text{NaCeF}_4:\text{Tb}^{3+}$ nanoparticles. *J Mater Sci: Mater Electron* (2017) <https://link.springer.com/article/10.1007/s10854-017-6970-y>.
 14. R. Kumar, V. Sharma, N. Verma, P.K. Diwan, V. Kumar, and V. Kumar, Analysis of writing/ printing paper via Thermogravimetric Analysis: Application in forensic science, (2017) *Australian Journal of Forensic Sciences*, <http://dx.doi.org/10.1080/00450618.2017.1310921>.
 15. P. Gupta, A.K. Bedyal, V. Kumar, V.K. Singh, Y. Khajuria, O.M. Ntwaeaborwa, and H.C. Swart, Thermoluminescence and glow curves analysis of γ -exposed Eu^{3+} doped $\text{K}_3\text{Y}(\text{PO}_4)_2$ nanophosphors. *Materials Research Bulletin*, 11 (2016) 111-118.
 16. V. Sharma, A. Das, and V. Kumar, Eu^{2+} , Dy^{3+} co-doped SrAl_2O_4 nanocrystalline phosphor for latent fingerprint detection in forensic applications. *Material Research Express*, 3 (2016) 015004.
 17. M. Manhas, V. Kumar, O.M. Ntwaeaborwa, and H.C. Swart, Structural, surface and luminescence properties of $\text{Ca}_3\text{B}_2\text{O}_6:\text{Dy}^{3+}$ phosphors. *Ceramics International*, 42 (2016) 5743-5753.
 18. Neharika, V. Kumar, J. Sharma, V.K. Singh, O.M. Ntwaeaborwa, and H.C. Swart, Surface and spectral studies of green emitting $\text{Sr}_3\text{B}_2\text{O}_3:\text{Tb}^{3+}$ phosphors. *Journal of Electron Spectroscopy*, 206 (2016) 52-57.
 19. N. Kumar, V. Kumar, and J. Sharma, Relaxations in gelatin hydrogels probed by dynamic light scattering. *Advance Materials Letter* 7 (2016) 136-143.
 20. P. Biswas, V. Kumar, G. Agarwal, O.M. Ntwaeaborwa, and H.C. Swart, $\text{NaSrVO}_4:\text{Sm}^{3+}$ -A n-UV convertible phosphor to fill the quantum efficiency gap for LED applications. *Ceramic International*, 42 (2016) 2317-2323.
 21. A.K. Bedyal, V. Kumar, O.M. Ntwaeaborwa, and H.C. Swart, Effect of swift heavy ion irradiation on structural, optical and luminescence properties of $\text{SrAl}_2\text{O}_4:\text{Eu}^{3+}$, Dy^{3+} nanophosphor. *Radiation Physics and Chemistry*, 122 (2016) 48-54.
 22. B.B.S. Jaswal, V. Kumar, J. Sharma, P.K. Rai, M.A. Gondal, B. Gondal, and V.K. Singh, Analysis of heterogeneous gallstones using laser-induced breakdown spectroscopy (LIBS) and wavelength dispersive X-ray fluorescence (WD-XRF). *Lasers in Medical Science*, 31 (2016) 573-579.
 23. A.K. Bedyal, V. Kumar, O.M. Ntwaeaborwa, and H.C. Swart, Thermoluminescence response of 120MeV Ag^{9+} and γ -ray exposed $\text{LiMgBO}_3:\text{Dy}^{3+}$ nanophosphors for dosimetry, *Ceramics International*, 42 (16) (2016) 18529-18535.
 24. M. Manhas, V. Kumar, O.M. Ntwaeaborwa, and H.C. Swart, Investigation of thermoluminescence and kinetic parameters of $\text{CaMgB}_2\text{O}_5:\text{Dy}^{3+}$ nanophosphor. *AIP Conference Proceedings*, 1728 (2016) 020651.
 25. P. Biswas, V. Kumar, O.M. Ntwaeaborwa, and H.C. Swart, A novel orange-red emitting $\text{NaCaVO}_4:\text{Sm}^{3+}$ phosphor for solid state lighting. *AIP Conf. Proc.* 1728 (2016) 020552.
 26. P. Gupta, A.K. Bedyal, V. Kumar, V.K. Singh, Y. Khajuria, and O.M. Ntwaeaborwa, Thermoluminescence and glow curves analysis of γ -exposed Eu^{3+} doped $\text{K}_3\text{Y}(\text{PO}_4)_2$ nanophosphors. *Materials Research Bulletin*, 73 (2016) 111-118.
 27. D.K. Tripathi, A. Tripathi, S. Gaur, S. Singh, Y. Singh, K. Vishwakarma, G. Yadav, S. Sharma, V.K. Singh, R.K. Mishra, R.G. Upadhyay, N.K. Dubey, Y. Lee and D.K. Chauhan, Uptake, Accumulation and Toxicity of Silver Nanoparticle in Autotrophic Plants, and Heterotrophic Microbes: A Concentric Review. *Frontiers in Microbiology*, 8 (2017) 7.
 28. V.K. Singh, B.B.S. Jaswal, J. Sharma, and P.K. Rai, Spectroscopic Investigations on Kidney Stones using Fourier Transform Infra-Red and X-Ray Fluorescence Spectrometry.

- X-Ray Spectrometry, 46 (2017) 283-291.
29. V.K. Singh, D.K. Tripathi, P.K. Rai, S.C. Singh, and J.P. Singh, Application of Wavelength Dispersive X-Ray Fluorescence Spectrometry to Biological Samples. *Spectroscopy*, 32 (2017) 2-9.
 30. V.K. Singh, A. Gupta, O. Gupta, V. Kumar, and M.A. Gondal, Spectroscopic evaluation of *Cyperus rotundus* rhizomes using WD-XRF, LIBS, FTIR and UV-Vis spectroscopy," *Materials Focus*, 6 (2016) 7-14.
 31. U. Gupta, V. Kumar, V.K. Singh, and Y. Khajuria, Structural Studies of Bilirubin: Molecular structure, Fourier Transform Infra-Red, Ultraviolet-Visible, and Vibrational Frequency Analysis. *Materials Focus*, 5:418-419 (2016).
 32. B.B.S. Jaswal, P.K. Rai, M.A. Gondal, and V.K. Singh, "Spectroscopic Investigations of Calcium Oxalate Kidney stone using Fourier Transform Infra-red Spectroscopy and Laser-Induced Breakdown Spectroscopy. *Materials Focus*, 6 (2016) 82-86.
 33. S. Singh, K. Vishwakarma, S. Singh, S. Sharma, N.K. Dubey, V.K. Singh, S. Liu, D.K. Tripathi, and D.K. Chauhan, Understanding the Plant and Nanoparticle Interface at Transcriptomic and Proteomic Level: A Concentric Overview. *Plant Gene* (Elsevier), <https://doi.org/10.1016/j.plgene.2017.03.006> (2017).
 34. D. Kumar, D.K. Tripathi, S. Liu, V.K. Singh, S. Sharma, N.K.

Dubey, S.M. Prasad, and D.K. Chauhan, *Pongamia pinnata* (L.) Pierre Tree Seedlings Offer a Model Species for Arsenic Phytoremediation," *Plant Gene* (Elsevier), <https://doi.org/10.1016/j.plgene.2017.06.002> (2017).

Conferences/Workshops/Seminars/Short term Courses Attended

1. Dr. Ram Prakash participated in one week short term course and presented a paper entitled "Structural, magnetic and electronic properties Fe doped Eu2O3 thin film" in National Conference on Study of Matter Using Intense Radiation Sources and Under Extreme Conditions held at UGC-DAE CSR, Indore during November 3-6, 2016.
2. Dr. Ram Prakash participated as Technical Chair on 3rd International conference on Recent Trends and Advancements in Engineering and technology (ICRTAET) at SMVDU, Katra during November, 17-18, 2016.
3. Dr. Ram Prakash presented a paper entitled "Photoluminescence Investigation of Dy3+ Doped α -Al2O3 Phosphor" in 61th DAE Solid state Physics symposium (DAE SSPS-2016) held at KIIT University, Bhubaneswar, Odisha, during 26th - 30th December 2016.
4. Dr. Ram Prakash participated in One day workshop on 'Patent Drafting and filing' organized at SMVDU, Katra on 20th October, 2016.



5. Dr. Ram Prakash participated in one week short term course on "Optimization using MATLAB through ICT" conducted by Mechanical engineering department, SMVDU during 24th to 28th October 2016.
6. Dr. Ram Prakash participated in DST-NIMAT project Sponsored "Faculty Development Programme" on Entrepreneurship Development" organized by Entrepreneurship Cell, SMVDU during 12th - 24th December 2016.
7. Dr. Ram Prakash participated in National Science Day 2017 celebration under the theme "Science and technology for specially abled persons" held at SMVDU, Katra on 28th February 2017.
8. Dr. Ram Prakash successfully completed a MOOC course of study in "MSE1x: Science of Engineering Materials" offered by MISISx, an online learning initiative of national University of Science and technology through edX. during 9th May - 26th June 2017.

Ph.D. Guided:

Mr. Mohit Manhas (12PHDSOP02), Mrs. Neharika (14DPH002), Mrs. Palavi (11PHDSMY05) have submitted their thesis under the supervision of Dr. Vinay Kumar; Mr. Sandeep Kumar (12PHDSOP03) submitted his thesis under the supervision of Dr. Ram Prajaksh; and Mr. Ujval Gupta (11PHDSMY02) has submitted his thesis under the supervision of Dr. Yugal Khajuria.



SCHOOL OF MATHEMATICS

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1.	Prof. V.K. Bhat	Professor	Ph.D.	Algebra, Discrete Mathematics, Theoretical Computer Science
2.	Dr. A.K. Das	Assistant Professor	Ph.D.	Topology
3.	Dr. Kuldip Raj	Assistant Professor	Ph.D.	Functional Analysis, Operator Theory and Summability Theory
4.	Dr. Ajay Kumar Sharma	Assistant Professor	Ph. D	Functional analysis, Operator theory
5.	Dr. Sandeep Bhoulgal	Assistant Professor	Ph.D.	Inference and Sampling
6.	Dr. Rakesh Kumar	Assistant Professor	Ph.D.	Queuing Theory
7.	Dr. Surender Singh	Assistant Professor	Ph.D.	Information Theory
8.	Dr. Sandeep Sharma	Assistant Professor	Ph.D.	Differential Geometry

DETAILS OF M.SC. MATHEMATICS STUDENTS:

BATCH	ADMITTED STUDENTS		
2016 ENTRY	MALE	FEMALE	TOTAL
	05	27	32

DETAILS OF RESEARCH SCHOLARS:

YEAR 2016-17	PH.D.		
	MALE	FEMALE	TOTAL
Admitted 2016-17	2	6	8
Awarded 2016-17	-	3	3
Total Presently under Supervision	03	11	14

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

RESOURCE PERSON	TOPIC OF THE LECTURE	DATE
Prof. Prajneshu, Ex. Head, Division of ICAR, Indian Agricultural Statistical Research Institute, India	Nonlinear growth models and their applications Nonlinear time-series models and their applications	27/2/2017
Prof. B.S. Komal, Head Department of Mathematics, MIET, Jammu	Operator Theory	08/12/2016
Prof. V. Ravichandran, Head Department of Mathematics, University of Delhi	Complex Analysis	13-19 March 2017
Prof. H.N. Ramaswamy, Department of Mathematics, University of Mysore	Abstract Algebra	3-10 March 2017

DEGREE AWARDEES:

M.Sc. : 28

Ph.D. : 03

Names of Ph.D. Degree Awardees:

Ms. Pratibha Bhat

Ms. Meeru Abrol

Ms. Suruchi Pandoh

INFORMATION ABOUT FACULTY

Research Projects Initiated & Completed by the Faculty:

Name of the Faculty Member	Title of the Project	Funding agency	Amount sanctioned	Status/Duration
Dr. V.K. Bhat	Ore Extensions over Noetherian Rings	Kuwait University	2700 KD ~ Rs 6.5 Lakhs	Ongoing
	Completely Prime ideals of Skew Polynomial Rings	SERB-DST	4.43 Lakhs INR	Funds not released yet
Dr. Rakesh Kumar	Transient solutions of Markovian queuing models with customer impatience and retention of reneged customers	UGC, New Delhi	Rs. 9,89,000	Ongoing

Research Publications

1. V.K. Bhat and Meeru Abrol, Skew polynomial rings over σ -skew Armendariz rings, Cogent Mathematics (2016), 3:1183287.
2. L.M. Hanna, Maryam Alkandhari, V.K. Bhat, Prime ideals of Ore extensions over left rings, Mittellungen Klosterneuberg, Vol 66 (4) (2016), 15-22.
3. V.K. Bhat, Meeru Abrol, L.M. Hanna and Maryam Alkandhari, On $(\sigma-\alpha)$ rings over Noetherian rings, Buletinul Academiei Des,Tiint, E A Republich Moldova Mathematica Number 3(82), 2016, Pages 3-11, (SCOPUS) Published in March 2017.
4. A. K. Das, Pratibha Bhat and Ria Gupta, Factorizations of normality via generalizations of normality, Math Bohemica, 141 (2016). No. 4, 463-473.
5. A. K. Das and Pratibha Bhat, Decompositions of Normality and interrelation among its variants, Math. Vesnik, 68, 2 (2016), 77-86.
6. A. K. Das, Pratibha Bhat and J. Tartir, On a simultaneous generalization of normality and almost normality, Filomat 31:2 (2017), 425-430.
7. Ria Gupta, A.K. Das, New Separation axioms on closure spaces generated by relations, Proc. Jangjeon Math. Soc., (accepted).
8. A. K. Das and Pratibha Bhat, A decomposition of normality via a generalization of normality, Applied General Topology (accepted).
9. Raj, Kuldeep, Azimhan A and Ashirbayev K, Some generalized difference sequence spaces of ideal convergence and Orlicz functions, J. Comput. Anal. Appl., 22 (2017), 52-63.
10. Raj, Kuldeep, A. Esi and S. Jamwal, Orlicz-Quasi-Cauchy Double Sequence Spaces For RH-Regular Matrix, J. Class. Anal., 10 (2017), 67-76.
11. Raj, Kuldeep and Seema Jamwal, On Non-Absolute Type Spaces and their kothe-Toeplitz Duals, Trans. A. Razmadze Math. Inst., 171 (2017), 212-220.
12. S. A. Mohiuddine and Raj, Kuldeep, Vector valued Orlicz-Lorentz sequence spaces and their operator ideals, J. Nonlinear Sci. Appl., 10 (2017), 338-353.
13. Raj, Kuldeep and Renu Anand, Complete Paranormed Orlicz Lorentz sequence spaces over n-normed spaces, Egyptian Journal of Mathematics, 20 (2017), 151-154.
14. Raj, Kuldeep and Suruchi Pandoh, Some generalized lacunary double Zweier Convergent Sequence spaces, Comment. Math., 56 (2016), 185-207.
15. Raj, Kuldeep, Charu Sharma and Suruchi Pandoh, Multiplication operators on Cesaro-Orlicz sequence spaces, Fasc. Math., 57 (2016), 137-145.
16. Raj, Kuldeep and Suruchi Pandoh, On some generalized spaces of interval numbers with an infinite matrix and Musielak-Orlicz function, Khayyam J. Math., 2 (2016), 25-38
17. Raj, Kuldeep and Charu Sharma, Applications of strongly convergent sequences to Fourier series by means of modulus

- functions, *Acta Math. Hungar.*, 150 (2016), 396-411.
18. Raj, Kuldip and Seema Jamwal, Applications of statistical convergence to n -normed spaces, *Adv. Pure Appl. Math.*, 7 (2016), 197-204.
 19. M. Mursaleen, A. Aghajani and Raj, Kuldip, Multiplication Operators on Cesaro function spaces, *Filomat*, 30 (2016), 1175-1184.
 20. Raj, Kuldip, Renu Anand and Seema Jamwal, On g -Statistical Convergence in paranormed spaces, *European J. Pure Appl.*, 9 (2016), 464-478.
 21. Raj, Kuldip and Suruchi Pandoh, Generalized lacunary strong Zweier Convergent Sequence spaces, *Toyama Math. J.*, 38 (2016), 9-33.
 22. Raj, Kuldip and M. Arsalan Khan, Some spaces of double sequences their duals and matrix transformations, *Azerb. J. Math.*, 6 (2016), 19pp.
 23. B. S. Komal, Raj, Kuldip and Suruchi Pandoh, Multiplication operators on Cesaro Sequence spaces, *Demonstratio Mathematica*, 49(2016), 430-436.
 24. Ajay K. Sharma and Sei-Ichiro Ueki, Compact Composition Operators on the Bloch Space and the Growth Space of the Upper Half-Plane, *Mediterr. J. Math.*, (2017) 14:76.
 25. Ajay K. Sharma, Ambika Bhat and Manisha Devi, Hardy-Stien Type Identities and Rate of Growth of Mean Values of Functions in Generalized Hardy Spaces, *Complex Anal. Oper. Theory*, DOI 10.1007/s11785-016-0616-6.
 26. Ajay K. Sharma, Ram Krishan and Elina Subhadarsini, Difference of composition operators from the space of Cauchy integral transforms to Bloch-type spaces, *Integral transforms and special functions*, 28 (2017) 145-155.
 27. Ajay K. Sharma, A. Bhat, R. Chugh, E. Shubadarshni, Inequalities involving norm and essential norm of weighted composition operators, *Journal of mathematical inequalities*, 11 (2017) 225-240.
 28. Stević, Stevo, Sharma, Ajay K., Krishan, Ram, Boundedness and compactness of a new product-type operator from a general space to Bloch-type spaces, *J. Inequal. Appl.* (2016).
 29. Rakesh Kumar and Sapana Sharma, Transient Solution of a Two-Heterogeneous Servers' Queuing System with Retention of Reneging Customers, *Bulletin of the Malaysian Mathematical Sciences Society*, (2017), DOI 10.1007/s40840-017-0482-z.
 30. Bhupender Kumar Som and Rakesh Kumar, A heterogeneous queuing system with reverse balking and reneging, *Journal of Industrial and Production Engineering*, (2017), DOI:10.1080/21681015.2017.1297739.
 31. Rakesh Kumar and Sapana Sharma, Transient numerical analysis of a single server Markovian queuing system with discouraged arrivals and retention of reneging customers, *Proceedings of the 5th Annual International Conference of GSTF on Operations Research and Statistics*, Singapore, (2017), pp 132-136.
 32. Rakesh Kumar and Sapana Sharma, Transient analysis of an M/M/c queuing system with balking and retention of reneging customers, *Communications in Statistics- Theory and Methods*, (2017), DOI: 10.1080/03610926.2017.1319485 (accepted).
 33. Rakesh Kumar and Sapana Sharma, Transient analysis of an M/M/c queuing system with retention of reneging customers, *International Journal of Operational Research*, (2017) (accepted).

Conferences/Workshops/Seminars/Short term Courses Attended

1. Dr. V.K. Bhat attended 5th International Scientific Conference: Analysis, Topology and Algebra, Cacak, Serbia, July 6-9, 2016.
2. Dr. V.K. Bhat a workshop on Algebra, Bern University, Bern, Switzerland, 10th - 12th February 2017.
3. Dr. A.K. Das delivered an invited talk in "National Seminar on Complex Analysis, Operator Theory and Related Areas" during 20th - 22nd October 2016 organized by Jammu Mathematical Society.
4. Dr. Kuldip Raj participated and presented a paper entitled "Essential norm of weighted composition operators" in National Conference on "Topology, Analysis and their Applications" held on 7th - 8th March 2017 organized by Department of Mathematics, SMVDU, Katra in association with Jammu Mathematical Society, Jammu.
5. Dr. Kuldip Raj organized and attended the National Science Day-2017 under the theme "Science and Technology for Specially Abled Persons" held at Shri Mata Vaishno Devi University, Katra (J&K) on 28th February 2017.
6. Dr. Kuldip Raj presented a paper entitled "On Strongly convergent sequence spaces of Modulus functions and infinite matrix over n -normed spaces" at 6th International Conference on Mathematics and Information Sciences 9th - 11th February 2017, Egypt.
7. Dr. Kuldip Raj chaired a session in the National Seminar on "Demonetization of Currency and India Economy" held on 28th December 2016 organized by Department of Economics, SMVD University, Katra, Jammu.
8. Dr. Kuldip Raj presented a paper entitled "On the Classical Paranormed sequence spaces" in National Seminar on "Demonetization of Currency and India Economy" held on December 28th, 2016 organized by Department of Economics, SMVD University, Katra, Jammu.
9. Dr. Kuldip Raj presented a paper entitled "Almost Lacunary-Orlicz convergent sequence spaces" in National Seminar on Recent Developments in Complex Analysis, Operator Theory and related areas held on 20th - 22nd October 2016 organized by Department of Mathematics University of Jammu, Jammu.
10. Dr. Kuldip Raj participated in one day Workshop on "Patent Drafting and Filing" in association with Technology

Information organized by Department of Biotechnology (DoBT), SMVD University, Katra, Jammu on 20th October, 2016.

11. Dr. Kuldip Raj participated in one week AICTE recognized Short term course on "Optimization using Matlab through ICT" from 24th - 28th October 2016 organised by Mechanical Engineering Department at Shri Mata Vaishno Devi University, Katra (J&K).
12. Dr. Ajay Kumar Sharma attended 6th International Conference on Mathematics and Information Sciences, Feb. 9-11, 2017, Zewail city of Science and Technology, Cairo, Egypt.
13. Dr. Ajay Kumar Sharma attended a National conference on Topology, analysis, algebra and their applications 7-8 March, 2017, Shri Mata Vaishno Devi University
14. Dr. Ajay Kumar Sharma attended a 2 Week Refresher Course in Research Methodology, 14th - 27th March 2017, Shri Mata Vaishno Devi University.
15. Dr. Ajay Kumar Sharma attended DST-NIMAT Project Sponsored 'Faculty Development Program 12th - 24th December 2016.
16. Dr. Sandeep Bhogal chaired a session in National Seminar on "Demonetization of Currency and Indian Economy" organized by Department of Economics, SMVDU University, Katra, 28th December 2016.
17. Dr. Sandeep Bhogal attended and presented a paper entitled, "Sequential procedure for the point estimation of the mean of an inverse Gaussian Reliability Model" in a two-day "3rd National Conference on Recent Trends in Mathematical Sciences" held on 9th - 10th February 2017 organised by Department of Mathematics, Shri Mata Vaishno Devi University, Kakryal, Katra.
18. Dr. Sandeep Bhogal attended and presented a paper entitled, "A new approach to randomized response model" in a two-day "UGC-sponsored National Conference on Topology, Analysis, Algebra and their applications" held on 7th - 8th March 2017 organised by Department of Mathematics, Shri Mata Vaishno Devi University, Kakryal, Katra.
19. Dr. Sandeep Bhogal attended and presented a paper entitled, "Estimating the finite population mean for random non-response in survey sampling" in a two-day "International Conference on Renewable Energy for sustainable Environment: Challenges and Remedies" held on 20th - 21st March 2017 organised by Department of Energy Management, Shri Mata Vaishno Devi University, Kakryal, Katra.
20. Dr. Sandeep Bhogal participated in AICTE recognized short term course on Optimization using MATLAB through ICT conducted by Mechanical Engineering Department from 24th - 28th October 2016 (One week) at Shri Mata Vaishno Devi



University, Kakryal, Katra, Jammu.

21. Dr. Sandeep Bhoulal attended the UGC Sponsored Two-Day Workshop on Ultra Low Power Biosensors and Implantable Microsystems Organized by Department of Electronics and Communication Engineering, SMVD University, Katra, J&K, during 2nd - 3rd December, 2016.
22. Dr. Sandeep Bhoulal attended a Two-week DST-NIMAT Project Sponsored 'Faculty Development Programme' on "Entrepreneurship Development" from 12th - 24th December, 2016 organised by Entrepreneurship Development Cell, Shri Mata Vaishno Devi University, Katra, Kakryal, Jammu and Kashmir.
23. Dr. Sandeep Bhoulal attended a Two-week Refresher Course on Research Methodology organized by H.R.D.C.-SMVD University, Katra, during 14-27, 2017.
24. Dr. Rakesh Kumar delivered an invited talk on Role of Differential Equations in Mathematical Modelling in a National Seminar on Recent Advances in Differential Equations and their Applications during 3rd - 4th February 2017 at Department of Mathematics, Meenakshi College for Women, Chennai. He has also chaired a technical session.
25. Dr. Rakesh Kumar delivered an invited talk on Modelling Queues with Customers' Impatience in a National Conference on Advances in Mathematical Sciences during 21st - 22nd December 2016 at Department of Mathematics, NSCBM Government Degree College, Hamirpur, H. P. He has also chaired a technical session.
26. Dr. Rakesh Kumar delivered an invited talk on Recent Advances in Queuing Modeling with Customers' impatience in a National Seminar on Recent Advances in Mathematics and its Computational Aspects during 11th - 12th November, 2016 at Department of Mathematics, SMP Government Girls P.G. College, Meerut, U. P. He has also chaired a technical session.
27. Dr. Rakesh Kumar delivered an invited talk on Queuing Systems with Customers' Impatience-Recent Extensions in a Silver Jubilee Conference of the Jammu Mathematical Society and a National Seminar on Recent Developments in Complex Analysis, Operator Theory and Related Areas.
28. Dr. Rakesh Kumar attended a Two Week "Refresher Course on Research Methodology" organized by HRDC, SMVDU, Katra during 14th - 27th March 2017.
29. Dr. Rakesh Kumar attended the 5th Annual International Conference of GSTF on Operations Research and Statistics, Singapore during 6th - 7th March 2017 and presented the paper titled, Transient numerical analysis of a single server Markovian queuing system with retention of reneging customers.
30. Dr. Rakesh Kumar attended a National Conference on Recent Trends in Mathematical Sciences (February 9-10, 2017) at Department of Mathematics, SMVDU, Katra and presented a paper titled, "Time-dependent solution of multi-server queuing system with reneging and retention of reneging customers".
31. Dr. Surender Singh attended One Week Short Term Course on "Stochastic Modeling and Optimal Control of Engineering Systems" organized by Department of Mathematics, IIT, Roorkee (under QIP) during 22nd - 26th May 2017.
32. Dr. Surender Singh attended Two Week "Refresher Course on Research Methodology" organized by HRDC, SMVDU, Katra during 14th - 27th March 2017.
33. Dr. Surender Singh presented a paper entitled "On entropy and cross-entropy of uncertain variable" in the National Conference on Recent Trends in Mathematical Sciences organized by DOM, SMVDU, Katra during 9th - 10th February, 2017.
34. Dr. Surender Singh presented paper entitled "Generalized Entropy of Finite Partition of Fuzzy Set" in the National Conference on Topology, Analysis, Algebra and Applications organized by DOM, SMVDU, Katra during 7th - 8th March, 2017.
35. Dr. Sandeep Sharma presented paper titled 'Investigation of certain properties of different Curvature tensor for TSP-Sasakian Manifold' in the UGC- Sponsored National Conference on 'Topology, Analysis, Algebra and their Applications' 7th - 8th March 2017 Organized by Department of Mathematics, SMVDU, Katra-182320, J&K in Association with Jammu Mathematical Society.

Conferences/ Seminars /Workshops/FDPs/MDPs Organized

1. Prof. (Dr.) V. K. Bhat organized UGC-sponsored National Conference on "Recent Trends in Mathematical Sciences (NCRTM-2017)" during 9th - 10th February 2017 at SMVDU as a Chairman.
2. Prof. (Dr.) V. K. Bhat organized UGC-sponsored National Conference on "Topology, Analysis, Algebra and Their Applications (NCTAA-2017)" during 7th - 8th March 2017 at SMVDU as a Chairman.
3. Dr. A.K. Das organized UGC-sponsored "National Conference on Recent Trends in Mathematical Sciences (NCRTM-2017)" during 9th - 10th February 2017 at SMVDU as Convener.
4. Dr. A.K. Das organized UGC-sponsored "National Conference on Topology, Analysis, Algebra and Their Applications (NCTAA-2017)" during 7th - 8th March 2017 at SMVDU as Convener.
5. Dr. Kuldip Raj organized a National Conference on Topology, Analysis, Algebra and their Applications which was held on 7th-8th March 2017 at SMVDU and got funding from UGC and SMVDU.
6. Dr. Sandeep Bhoulal organized a National Conference on Recent Trends in Mathematical Sciences organized by DOM, SMVDU, Katra during 9th - 10th February 2017 as a Co-Organizing Secretary.
7. Dr. Rakesh Kumar organized a National Conference on Recent Trends in Mathematical Sciences (February 9-10, 2017) at Department of Mathematics, SMVDU, Katra as an Organizing Secretary.

8. Dr. Rakesh Kumar organized a National conference on Topology, Analysis, Algebra and their applications (March 7-8, 2017) at Department of Mathematics, SMVDU, Katra as an Organizing Committee Member.
9. Dr. Surender Singh organized a National Conference on Recent Trends in Mathematical Sciences organized by DOM, SMVDU, Katra during 9th - 10th February 2017 as a Co-Organizing Secretary.
10. Dr. Surender Singh organized a National Conference on Topology, Analysis, Algebra and Applications organized by DOM, SMVDU, Katra during 7th - 8th March 2017 as an Organizing Committee member.
11. Dr. Sandeep Sharma has worked as Co-Organizing Secretary in the UGC- Sponsored National Conference on 'Topology, Analysis, Algebra and their Applications' 7th - 8th March 2017 Organized by Department of Mathematics, SMVDU, Katra-182320, J&K in Association with Jammu Mathematical Society.

Ph.D. Guided

• Prof. (Dr.) V. K. Bhat	08 Awarded, 01 in process
• Dr. A. K. Das	01 Awarded, 02 in process
• Dr. Kuldip Raj	03 Awarded, 04 in process
• Dr. Ajay Kumar Sharma	02 submitted, 02 in process
• Dr. Rakesh Kumar	02 Guided, 02 in process
• Dr. Surender Singh	02 in process

Students' Achievement

1. Mr. Ravinder Singh an alumnus of 2013-15 batch of M.Sc. Mathematics qualified JK SET.
2. Dr. Sumeet Kumar Sharma who has done Ph.D. from the Department of Mathematics in 2015 has been selected as an Assistant Professor (On Contract) in the Central University of Jammu.

FACULTY OF HUMANITIES & SOCIAL SCIENCES



SCHOOL OF LANGUAGES AND LITERATURE

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1	Dr. Vandana Shrama	Associate Professor	Ph. D.	African Literature, Indian Writing in English
2	Dr. Amitabh Vikram Dwivedi	Assistant Professor	Ph. D.	Field Linguistics
3	Dr. Anurag Kumar	Assistant Professor	Ph. D.	African American Literature
4	Ms Isha Malhotra	Assistant Professor	Ph. D (Pursuing)	Gender Studies

Adjunct Faculty:

- Prof. Avadesh Kumar Singh, Director, Department of Translation Studies I.G.N.O.U, New Delhi, Former Vice Chancellor, Dr. Baba Sahib Ambedkar Open University, Ahmedabad
- Prof. Kapil Kapoor, Chancellor, Mahatma Gandhi Antarrashtriya Hindi Vishvavidyalaya, Wardha; Chairman, MHRD Languages Expert Committee
- Prof. Manju Jaidka, Punjab University, Chandigarh

PROGRAMMES OFFERED & ENROLLMENT:

M. A. English	Ph. D.
30	11

DETAILS OF M. A. STUDENTS:

BATCH	ADMITTED STUDENTS		
	MALE	FEMALE	TOTAL
2016 ENTRY	04	29	33

DETAILS OF RESEARCH SCHOLARS:

YEAR 2016-17	PH.D.		
	MALE	FEMALE	TOTAL
Admitted 2016-17	00	04	04
Awarded 2016-17	00	01	01
Total Presently under Supervision	01	10	11

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

RESOURCE PERSON	TOPIC OF THE LECTURE	DATE
Prof. Avadesh Kumar Singh	Literary Criticism and Theory	2nd - 8th October, 2016
Prof. Deepshikha Kotwal	Gender Sensitization at Workplace	25th October, 2016
Prof. Manju Jaidka	Puritan Literature, Metaphysical Poetry & Modern Drama	16th - 18th November
Mr. David Devdas	Journalism and Writing	1st December, 2016
Pro. G. Neelakantan	Writing Research Paper	3rd May, 2017

DEGREE AWARDEES:

M. A. : 26

Ph. D. : 01

Names of Ph. D. Degree Awardees: Dr. Quleen Kour

INFORMATION ABOUT FACULTY

Research Publications

Book Publications:

1. Dwivedi, Amitabh Vikram; Something Lurks It Seems, Marfa House, Place: Texas Year: 2017, ISBN: 978-1-946072-21-4
2. Kumar, Anurag. African American Literature: Politics of Marginal Literature in the Fiction of Gloria Naylor. New Delhi: Atlantic Publishers, 2016.

Research Articles:

1. Sharma, Vandana. Blurring the Binaries, Blending the Gender: A Transition from Male Masculinity to Female Androgyny in Hindi Cinema. Mediawatch: An International Peer Reviewed Research Journal in Communication and Media, Issue 2, Volume : 8th May, 2017
2. Sharma, Vandana. The Power of Subaltern Memory in Mahasweta Devi's Bedanabala. Her Life Her Times. Bharatiya Pragna: An Interdisciplinary Journal of Indian Studies (E-ISSN

2456-1347) Vol. 1, No. 3, 2016. (www.indianstudies.net/v1n3) PDF :<http://www.indianstudies.net/V1/n3/v1n3s106.pdf> DOI: <https://dx.doi.org/10.21659/bp.v1n3.s106> © AesthetixMS

3. Sharma, Vandana. Dismantling the Cultural Narratives: Identity, Negotiation, Celluloid Females and Hindi Cinema, The Criterion: An International Journal in English, (online). UGC Approved, ISSN 0976-8165, May 2017.
4. Sharma, Vandana .Machos Doing Masti and Weepies Going Dirty: Unveiling the Female Chauvinist Pigs in Indian Cinema Mediawatch: An International Peer Reviewed Research Journal in Communication and Media, Issue 3, Volume : 7.September 2016
5. Dwivedi, Amitabh Vikram, Practical Funding strategies for Scholars and Professionals Global Education Review (ISSN: 2325-663X), ISSUE: International Perspectives on School Choice, Volume: 3, No. 2, Year: 2016, Publisher: Mercy College, New York
6. Dwivedi, Amitabh Vikam. Review Article, Love in Motion: Erotic Relationships in Film. Media International Australia, 2016: 137, doi: 10.1177/1329878X15622081b.



7. Dwivedi, Amitabh Vikram. Review Article, *Ethnography in Today's World: Color Full before Color Blind*. Studies in Ethnicity and Nationalism (ASEN), Vol. 16 No. 1, 2016, pp. 172-4.
8. Dwivedi, Amitabh V., "Baha'i House of Worship" Historic Sites and Landmarks that Shaped America: From Acoma Pueblo to Ground Zero, Santa Barbara, CA: ABCCLIO/Greenwood-Praeger. 2016. pp. 41-42, Print.
9. Dwivedi, Amitabh V., "Ernest Hemingway House" Historic Sites and Landmarks that Shaped America: From Acoma Pueblo to Ground Zero, Santa Barbara, CA: ABCCLIO/Greenwood-Praeger. 2016. pp. 164-65, Print.
10. Dwivedi, Amitabh V., "F. Scott Fitzgerald House" Historic Sites and Landmarks that Shaped America: From Acoma Pueblo to Ground Zero, Santa Barbara, CA: ABCCLIO/Greenwood-Praeger. 2016. pp. 217-18, Print.
11. Dwivedi, Amitabh V., "Kent State University" Historic Sites and Landmarks that Shaped America: From Acoma Pueblo to Ground Zero, Santa Barbara, CA: ABCCLIO/Greenwood-Praeger. 2016. pp. 300-01, Print.
12. Dwivedi, Amitabh V., "Pearl Harbor" Historic Sites and Landmarks that Shaped America: From Acoma Pueblo to Ground Zero, Santa Barbara, CA: ABCCLIO/Greenwood-Praeger. 2016. pp. 419-20, Print.
13. Dwivedi, Amitabh V., "White House" Historic Sites and Landmarks that Shaped America: From Acoma Pueblo to Ground Zero, Santa Barbara, CA: ABCCLIO/Greenwood-Praeger. 2016. pp. 571-73, Print.
14. Dwivedi, Amitabh V., "William Faulkner House" Historic Sites and Landmarks that Shaped America: From Acoma Pueblo to Ground Zero, Santa Barbara, CA: ABCCLIO/Greenwood-Praeger. 2016. pp. 575-77, Print.
15. Dwivedi, Amitabh V., "Pulse" The Encyclopaedia of Japanese Horror Films, Rowman & Littlefield. 2016. pp. 254-255, Print.
16. Dwivedi, Amitabh V., "Nakata Hedo" The Encyclopaedia of Japanese Horror Films, Rowman & Littlefield. 2016. pp. 186-187, Print.
17. Dwivedi, Amitabh V., "Shimizu Takashi" The Encyclopaedia of Japanese Horror Films, Rowman & Littlefield. 2016. pp. 284-285, Print.
18. Dwivedi, Amitabh V., "SonoShion" The Encyclopaedia of Japanese Horror Films, Rowman & Littlefield. 2016. pp. 300-01, Print.
19. Dwivedi, Amitabh V., "Behaviorism" The Sage Encyclopedia of Online Education; Volume One, Sage Publications Inc. CA pp. 133-135, 2016 (ISBN: 978-1483318356)
20. Dwivedi, Amitabh V., "Cognitivism" The Sage Encyclopedia of Online Education; Volume One, Sage Publications Inc. CA pp. 187-9, 2016 (ISBN: 978-1483318356)
21. Dwivedi, Amitabh V., "Online Education in South Asia" The Sage Encyclopedia of Online Education; Volume Two, Sage Publications Inc. CA pp. 837-839, 2016 (ISBN: 978-1483318356)



22. Dwivedi, Amitabh V., "Values Underlying Online Education" The Sage Encyclopedia of Online Education; Volume Three, Sage Publications Inc. CA pp. 1105-08, 2016 (ISBN: 978-1483318356)
23. Dwivedi, Amitabh V., "YouTube" The Sage Encyclopedia of Online Education; Volume Three, Sage Publications Inc. CA pp.1299-1301, 2016 (ISBN: 978-1483318356)
24. Dwivedi, Amitabh V., Technology for Classroom and Online Learning. Global Education Review, 3.4 (2016). ISSN: 2325-663X
25. Dwivedi, Amitabh V., "Crisis" The SAGE Encyclopedia of War: Social Science Perspectives; Volume One, Sage Publications Inc. CA pp. 418-20, 2016 (ISBN: 978-1483359892)
26. Dwivedi, Amitabh V., "Cultural Militarism-South Asia" The SAGE Encyclopedia of War: Social Science Perspectives; Volume One, Sage Publications Inc. CA pp. 429-31, 2016 (ISBN: 978-1483359892)
27. Dwivedi, Amitabh V., "Hinduism" The SAGE Encyclopedia of War: Social Science Perspectives; Volume Two, Sage Publications Inc. CA pp. 786-87, 2016 (ISBN: 978-1483359892)
28. Dwivedi, Amitabh V., "India" The SAGE Encyclopedia of War: Social Science Perspectives; Volume Two, Sage Publications Inc. CA pp. 864-65, 2016 (ISBN: 978-1483359892)
29. Dwivedi, Amitabh V., "Language & Linguistic Nonviolence" The SAGE Encyclopedia of War: Social Science Perspectives; Volume Three, Sage Publications Inc. CA pp. 968-69, 2016 (ISBN: 978-1483359892)
30. Dwivedi, Amitabh V., "Poetry" The SAGE Encyclopedia of War: Social Science Perspectives; Volume Three, Sage Publications Inc. CA pp. 1373-76, 2016 (ISBN: 978-1483359892)
31. Dwivedi, Amitabh V., "Jainism" The SAGE Encyclopedia of War: Social Science Perspectives; Volume Three, Sage Publications Inc. CA pp. 912-3, 2016 (ISBN: 978-1483359892)
32. Dwivedi, Amitabh V., "Sikhism" The SAGE Encyclopedia of War: Social Science Perspectives; Volume Four, Sage Publications Inc. CA pp. 1599-60, 2016 (ISBN: 978-1483359892)
33. Dwivedi, Amitabh V., "Suriname" The SAGE Encyclopedia of War: Social Science Perspectives; Volume Four, Sage Publications Inc. CA pp. 1644-5, 2016 (ISBN: 978-1483359892)
34. Dwivedi, Amitabh V., "War Poetry" The SAGE Encyclopedia of War: Social Science Perspectives; Volume Four, Sage Publications Inc. CA pp. 1837-8, 2016 (ISBN: 978-1483359892)
35. Dwivedi, Amitabh V., Review of Othello: Language & Writing. Journal: Australasian Drama Studies, 68 (2016). ISSN: 978-1-137-51761-6
36. Dwivedi, Amitabh V., Philosophical, Ideological, and Theoretical Perspectives on Education, 2nd edition. Alberta Journal of Educational Research, 62.2 (2016) ISSN: 1923-1857
37. Dwivedi, Amitabh V., Review of Indian News Media: From Observer to Participant Media International Australia, 162 (2017) ISSN: 1329-878X
38. Dwivedi, Amitabh V., Review of Scientific Methods of Inquiry for Intelligence Analysis InfoCulture Journal, March, 2017. ISSN: 2164-8034
39. Dwivedi, Amitabh V., Review of Sex Scene: Media and the Sexual Revolution American Studies, 55.2 (2016). ISSN: 10.1353/ams.2016.0082
40. Dwivedi, Amitabh V., "Battle of Golden Temple" War and Religion: An Encyclopedia of Faith and Conflict [3 volumes]; ABC-CLIO pp. 316-17, 2017 (ISBN-13: 978-1610695169)
41. Dwivedi, Amitabh V., "Battle of Ten Kings" War and Religion: An Encyclopedia of Faith and Conflict [3 volumes]; ABC-CLIO pp. 369-70, 2017 (ISBN-13: 978-1610695169)
42. Dwivedi, Amitabh V. The Future of Just War. Central European Journal of International and Security Studies. 1.2 (2017). ISSN: 1802-548X
43. Dwivedi, Amitabh V., "Buddist Pilgrimage" The Sea In World History: Exploration, Travel, and Trade, Santa Barbara, CA:ABCCLIO/Greenwood-Praeger. 2017. pp. 146-7, Print.
44. Dwivedi, Amitabh V., "Sindbad: The Sailor" The Sea In World History: Exploration, Travel, and Trade, Santa Barbara, CA:ABCCLIO/Greenwood-Praeger. 2017. pp. 158-60, Print.
45. Dwivedi, Amitabh V., "India: 1000 BCE to 300 CE" The Sea In World History: Exploration, Travel, and Trade, Santa Barbara, CA: ABC-CLIO/Greenwood-Praeger. 2017. pp. 90-94, Print.
46. Kumar Anurag. "Communication and Diverse Workplaces: A Co-cultural Communication Perspective through Organizational Autoethnography" International Journal of Communication 26.2 (2016). Print
47. Kumar Anurag. Gloria Naylor's The Women of Brewster Place: Locating Black Feminist Standpoint in the Spatial Reality. Atlantic Journal of Feminist Studies, 4.2 (2016)
48. Kumar, Anurag. "Dialectics of Reality: The Flea Market and Other Plays by R. P Singh. Virtuoso 6.2 (2017).

Conferences/Workshops/Seminars/Short term Courses Attended

1. Dr. Vandana Sharma, Dean I/C, FOHSS & Head, DoL&L presented paper entitled "Historical Politics vis-à-vis Gender Power Relations: Hermeneutics of Indian Feminist Theatre" in an international conference on Post colonial Hermeneutics at Indira Gandhi National Open University, at New Delhi on 3rd March 2017.
2. Dr. Vandhana Sharma, Dean I/C, FOHSS & Head, DoL&L presented paper entitled "Textuality of History and Historicity of Text: New Historical Analysis of William Daryl Imple's The Last Mughal in 16th International MELOW Conference on Facts, Distortions and Erasures: Literature as History; History



in Literature during 3rd - 5th March 2017

3. Dr. Vandhana Sharma, Dean I/C, FOHSS & Head, DoL&L presented paper entitled "Gendering the Theatre in South Asia in an International Conference on Beyond Postcolonialism: Rethinking Feminist and Dalit Discourses in South Asia during 10th - 11th March 2017
4. Dr. Vandhana Sharma presented paper on "Heroic uprising in India and Africa: A Subaltern Perspective" in the session The Language of Thematics in the 21st World Congress of International Comparative Literature Association (ICLA 2016) held in The University Of Vienna, Austria from 21st - 27th July 2016.
5. Sharma Vandana, chaired a session on 'The Arts as Universal Code' in the 21st World Congress of International Comparative Literature Association (ICLA 2016) held in The University Of Vienna, Austria from 21st - 27th July 2016.
6. Dwivedi, Amitabh V. participated in International Conference on 'Beyond Postcolonialism: Rethinking Feminist and Dalit Discourses in South Asia' 10th - 11th March 2017; organized by Dept. of Languages & Literature, SMVD University, Katra.
7. Dwivedi, Amitabh V. presented a paper titled "On Interrogating Language, Consciousness, and Self-consciousness" in a Two-Day International Conference at Dept. of Philosophy & Culture, SMVDU on 27th - 28th February 2017
8. Dwivedi, Amitabh V. attended one day workshop in "Patent Drafting and Filing" Organized by Technology Information, Forecasting & Assessment Council" Dept. of Biotechnology, SMVDU on 20th October 2016
9. Dwivedi, Amitabh V. presented a paper titled "The Concept of Phoneme in Abhinavagupta's Tantraloka" in National Seminar

on Abhinavagupta: The Genius of Kashmir, organized by Indira Gandhi National Centre for the Arts, Kalakosha Division, New Delhi & SMVD University Katra on 3rd - 4th October 2016.

10. Kumar Anurag. "Co-cultural Communication Perspective and Autoethnography: Reading Dr. Tulsi Ram's Murchhika as a Dalit Life Narrative". International Conference "Art of Communication" held at Warsaw Poland during 24th - 25th March 2017.
11. Kumar, Anurag. "Marginal Spatial Reality: Reading Dr. Tulsi Ram's Murchhika as a Dalit Life Narrative". International Conference on "The Cultures of New India" held at Shri Ram Swaroop Memorial University, Lucknow during 17th - 18th February 2017.
12. Kumar, Anurag. "Mirza Muhammad Hadi Rushwa's Umrao Jan Ada: Life Narrative of a Courtesan". International Conference "Beyond Postcolonialism: Rethinking Feminist and Dalit Discourses in South Asia" held at Shri Mata Vaishno Devi University during 10th - 11th March 2017.

Conferences/ Seminars /Workshops/FDPs/MDPs Organized

1. Dr. Vandana Sharma, Conference Coordinator, International Conference on Beyond Postcolonialism: Rethinking Feminist and Dalit Discourses in South Asia during 10th - 11th March 2017
2. Dr. Vandana Sharma, Coordinator, Annual Literature Festival of SMVDU, Lit Life'17
3. Dr. Anurag Kumar, Organizing Secretary, International Conference on Beyond Postcolonialism: Rethinking Feminist

Ph.D. Guided**Name of Faculty**

Dr. Vandana Sharma

Ph. D Awarded/Submitted

Awarded: Dr. Quleen Kaur

Submitted: Ms Simranpreet Kaur

Dr. Amitabh V Dwivedi

Ms Kamaldeep Kaur

Dr. Anurag Kumar

—

Ongoing

- Ms Priyanka Gupta
- Mrs Komal Rakwal
- Ms Akanksha Badyal
- Ms Surbhi Sharma
- Ms Adishree Vats
- Mr. Ravi Parihar
- Ms Tanima Anand
- Mrs Subah Gautam
- Mrs Bhushan Sharma
- Ms Sakshi Singh
- Ms Parul Priya

and Dalit Discourses in South Asia during 10-11 March 2017

Invited Lectures/ Talks/ Workshops Delivered

1. Dr. Vandana Sharma Invited Talks on “ Gender Sensitization: Meaning and Importance ” and “Sexual Harrassment: An Unending Injustice to women folk – a situational Analysis” in One Week Course on Security and Safety of Women and Children over Railways – Issues and Challenges on 30 July, 2017 at Sher_I-Kashmir Police Academy, Udhampur, J&K
2. Dr. Vandana Sharma Invited Talk on “Good Communication Skills, Behaviour Attitude and Responsibilities Towards General Public” in One Week Course on Good Communication Skills, Behaviour Attitude and Responsibilities Towards General Public (Inspector to SP) on 23rd March, 2017 at Sher-e-Kashmir Police Academy, Udhampur, J&K.
3. Dr. Vandana Sharma Invited Talk on “Women as Crime-doers and Victims of Own Crimes” in Refresher Course on Gender Justice and Role of Police on 17th November, 2016 at Sher_I-Kashmir Police Academy, Udhampur, J&K.
4. Dr. Vandana Sharma Invited Talk on “Teaching and Research: An Interface” UGC Sponsored Orientation Programme for College Teachers'on 4th November, 2016 at Government College for Education, Canal Road, Jammu
5. Dr. Vandana Sharma Resource Person in Translators' Orientation Programme on Knowledge Text Translation in Dogri organized by National Translation Mission, Central Institute in Indian Languages and Department of Dogri, University of Jammu and conducted a session on “Translating Culture: Issues and Challenges” on 3rd August 2016.
6. Dr. Amitabh V Dwivedi delivered a talk as Resource person in A Five Day Faculty Development Programme (FDP) on “use of Tools and Techniques in Research” 28th November - 2nd December 2016 at Shri Mata Vaishno Devi University, Delivered



lectures on Research Writing Skills and How to Write an Abstract

7. Dr. Amitabh V Dwivedi delivered a talk as a Resource Person in 2 Weeks Refresher Course on "Research Methodology" sponsored by Human Resource Development Centre from 14th - 27th March 2017; delivered lecture on "Language Issues in Research-II & Abstracting & Chicago Style Sheet of Referencing".
8. Dr. Amitabh V Dwivedi delivered a talk as a Resource Person in 5 Day Programme on 'Office Management & Skills Development' for Office Assistants, SMVD University and 1st - 5th May 2017; delivered lecture on 'Business Communication & Procedures-I'.

Students' Achievement

Papers in SCI/SCOPUS Journals

1. Kaur, Simranpreet. Blurring the Binaries, Blending the Gender: A Transition from Male Masculinity to Female Androgyny in Hindi Cinema. Mediawatch: An International Peer Reviewed Research Journal in Communication and Media, Issue 2, Volume: 8th May 2017.
2. Kaur, Simranpreet. Machos Doing Masti and Weepies Going Dirty: Unveiling the Female Chauvinist Pigs in Indian Cinema Mediawatch: An International Peer Reviewed Research Journal in Communication and Media, Issue 3, Volume: 7th September 2016.
3. Parihar, Ravi. (2017) A Grammar of Hadoti. Dialectologia, University of Barcelona, pp. 189-203 (ISSN: 2013-2247).
4. Parihar, Ravi. (2017) A Grammar of Bhadarwahi. Sociolinguistic Studies, Equinox Publishing. pp. 475-482 (ISSN: 1750-8657).

UGC-NET Qualified

1. Ms. Tanima Anand (Linguistics) 2016

Appointed as Assistant Professor through JKPSC:

1. Ms. Kamalpreet Kour (Govt. Boys Degree College, Udhampur)

SCHOOL OF PHILOSOPHY & CULTURE

FACULTY PROFILE

S.NO.	NAME OF THE FACULTY MEMBER	DESIGNATION	QUALIFICATION	SPECIALIZATION
1.	Dr. Varun Kumar Tripathi	Associate Professor	Ph.D.	Advaita Vedanta, Indian Ethics, Pali Buddhism
2.	Dr. Anil Kumar Tewari	Assistant Professor	Ph.D.	Buddhist Philosophy
3.	Mr. Sumanta Sarathi Sharma	Assistant Professor	M.A. UGC-JRF Pursuing PhD	Logic and Greek Philosophy
4.	Dr. Madhu Mangal Chaturvedi	Assistant Professor	Ph.D.	Philosophy of Mind
5.	Dr. Ashoka Kumar Tarai	Assistant Professor	Ph.D.	Philosophy of Wittgenstein and Analytical Philosophy

DETAILS OF RESEARCH SCHOLARS:

YEAR 2016-17

	PH.D.		
	MALE	FEMALE	TOTAL
Admitted 2016-17		1	1
Awarded 2016-17			
Total Presently under Supervision	1	3	4

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

RESOURCE PERSON	TOPIC OF THE LECTURE	DATE
Prof. Bijoy Boruah, HSS, IIT-Delhi	The Aesthetics of Architecture	2nd Nov. 2016
	The Political Morality and Citizen Agency	3rd Nov. 2016
	Narrative and the Self	4th Nov. 2016
	The Idea of Interdisciplinary Research	7th Nov. 2016
	The Value of Being a Human Person	7th Nov. 2016
	The Future Plan and Perspective of DOPC: Program and Research	8th Nov. 2016
Prof. Priyadarshi Jetli Ex. Prof. Dept. of Philosophy, Univ. of Delhi	Plato on Definition-I	6th Feb. 2017
	Advance Logic- Problem of Induction	7th Feb. 2017
	Plato on Definitions-II	8th Feb. 2017
	Plato on Knowledge-I	8th Feb. 2017
	Research Methodology	9th Feb. 2017
	Plato on Knowledge-II	17th Feb. 2017
	Gettier and Responses-I	21st Feb. 2017
	Gettier and Responses-II	21st Feb. 2017
	History of Science	22nd Feb. 2017
	Contemporary Theories of Knowledge-I	22nd Feb. 2017
	Contemporary Theories of Knowledge-II	23rd Feb. 2017

RESOURCE PERSON

Prof. Bijoy Boruah,
HSS, IIT-Delhi

Prof. Priyadarshi Jetli
Ex. Prof. Dept. of Philosophy, Univ. of Delhi

Prof. K.K. Chakrabarti
Formerly Professor of Philosophy and
Religion, Davis and Elkins College, West
Virginia, USA

Prof. Alex Watson
Ashoka University, Haryana

TOPIC OF THE LECTURE

The Aesthetics of Architecture
The Political Morality and Citizen Agency
Narrative and the Self
The Idea of Interdisciplinary Research
The Value of Being a Human Person
The Future Plan and Perspective of DOPC:
Program and Research

Plato on Definition-I
Advance Logic- Problem of Induction
Plato on Definitions-II
Plato on Knowledge-I
Research Methodology
Plato on Knowledge-II
Gettier and Responses-I
Gettier and Responses-II
History of Science
Contemporary Theories of Knowledge-I
Contemporary Theories of Knowledge-II

Kārikāvalī Section (Mangalacharana)
Kārikāvalī Section (Reasoning)
Kārikāvalī Section (Ishvaranumana)
Value Education and Virtue
Psycho-Physical Dualism: East and West
Kārikāvalī Section (Substance)
Kārikāvalī Section (Shakti & Sadrishya)
Kārikāvalī Section (Atman)
Kārikāvalī Section
Kārikāvalī Section
Kārikāvalī Section
Kārikāvalī Section
Kārikāvalī Section (Mangalacharana)

Four Mīmāṃsā views concerning how the self
is perceived by itself
Can Bhaṭṭa Jayanta respond effectively to the
charge that the inference of God's existence
(īśvarānumāna) is unestablished (asiddha)
and inconclusive (anaikāntika)?
Contrasting Nyāya-Vaiśeṣika and Buddhist
explanations of attention

DATE

2nd Nov. 2016
3rd Nov. 2016
4th Nov. 2016
7th Nov. 2016
7th Nov. 2016
8th Nov. 2016

6th Feb. 2017
7th Feb. 2017
8th Feb. 2017
8th Feb. 2017
9th Feb. 2017
17th Feb. 2017
21st Feb. 2017
21st Feb. 2017
22nd Feb. 2017
22nd Feb. 2017
23rd Feb. 2017

26th Nov. 2016
28th Nov. 2016
30th Nov. 2016
1st Dec. 2016
2nd Dec. 2016
3rd Dec. 2016
6th Dec. 2016
7th Dec. 2016
8th Dec. 2016
9th Dec. 2016
10th Dec. 2016
12th Dec. 2016
26th Nov. 2016

9th May 2017
11th May 2017
12th May 2017



INFORMATION ABOUT FACULTY

Research Publications

1. Tripathi, V. K., "Diverse Metaphysical Views at the Buddha's Time: Brahmajāla-sutta and Sāmaññaphala-sutta", an E-Content Developed for UGC e-PG Pathshala Programme, yet to be uploaded.
2. Tewari, Anil K., "Does Abhāva Exist? On the Ontology of Negation", yet to be uploaded at <<http://epgp.inflibnet.ac.in/ahl.php?csrno=27>> Metaphysics 2, Module No. 07 (submitted and accepted)
3. Tewari, Anil K., "Religious Fundamentalism", yet to be uploaded at <<http://epgp.inflibnet.ac.in/ahl.php?csrno=27>> Philosophy of Religion, Module No. 38 (submitted and accepted)
4. Tewari, Anil K., "Buddhism", 2016, available at <<http://epgp.inflibnet.ac.in/ahl.php?csrno=27>> Philosophy of Religion, Module No. 05
5. Tewari, Anil K., Review of the book titled Living Buddhism by Dr. Avinash Kumar Srivastava, Darshanika Traimasika: Journal of All India Philosophy Association (ISSN: 0974-8849), Vol. 62.4 (Oct. - Dec. 2016): 195-200. (commissioned review article)
6. Tarai, Ashoka Kumar, "Understanding Religion: A Wittgensteinian Perspective", Journal of the All Orissa Philosophy Association, ISSN No. 2395-2784, Vol. II, No.1 2016, pp.179-185

Conferences/Workshops/Seminars/Short term Courses Attended

Dr. Varun Kumar Tripathi

Papers Presented in conferences:

1. "Epistemology of Pratyabhijna", National Seminar on

Abhinavagupta: The Genius of Kashmir, organized by the Dept. of Philosophy & Culture SMVDU and Indira Gandhi National Center for the Arts, 3rd - 4th September 2017.

2. "Justice in context of absence of injustice vis-à-vis nyaya in the Buddha's teachings", two-Day Seminar on Relearning to be Human: Justice and Responsibility in Global Times, organized by Dept. of Philosophy, University of Delhi, 9th - 10th January 2017.
3. "Cognition as Perception in the Dinnaga's Formulation", Nalanda Dialogue on Cognition, organized by Nava Nalanda Mahavihara, Nalanda, 27th - 29th January 2017.
4. Tripathi V.K. and Vatsalya Chhavi, "Greece in Jammu: Peeping through the Melting of Architectural Patterns in Manwal Temples", International Conference on Theory of Architectural Design: Global Practices amid Local Milieu, organized by DALD, DMVDU, 14th - 16th April 2017.

Invited Special Lectures:

1. Special Lecture on "Psychological Aspects of the Śiva Sūtras" at Ishwar Ashram Trust, New Delhi, on 4th December 2016.
2. Special ICPR Lecture on "Basic Concepts of Logic" at GCW Gandhinagar, Jammu on 4th February 2017.
3. Special ICPR Lecture on "Need and Importance of Cultural Values in Contemporary Society" at GCW Parade Jammu on 6th February 2017.
4. Special ICPR Lecture on "Philosophy & Human Well-being" at GCW Parade Jammu on 7th March 2017.
5. Special Lecture on "Ethics in Research", 2 Week Refresher Course on Research Methodology, organized by HRDC, SMVDU, 27th March 2017.

Dr. Anil Kumar Tewari

Invited/Special Lectures

1. Invited Lecture on "Introduction to the Philosophy of

Buddhism", organized by Amrita Vishwa Vidyapeetham, Amritpuri Campus, Kollam, Kerala, 24th July 2017.

2. Invited Lecture on "Intra- and Interpersonal Development" in Faculty Development Program, organized by SMVD College of Nursing, Katra, 6th June 2017.
3. Special ICPR Lecture on "G.E. Moore's Refutation of Idealism" at GCW Gandhinagar, Jammu on 4th February 2017.
4. Special ICPR Lecture on "Origins and Development of Analytic Philosophy" at GCW Gandhinagar, Jammu on 18th February 2017.
5. Three lectures in the Workshop on the Constitution of India, organized by the Department of Philosophy & Culture, SMVD University, Katra, J&K, 19th - 25th January 2017.
6. Motivational Lecture for the B.Sc. (Nursing) 1st Semester Students, SMVD College of Nursing, Katra, 22nd November 2016.

Papers Presentations in Seminars/Conferences etc.:

1. 'Buddha and David Hume ki Drishti Mein Karanata' organized by the Department of Philosophy, Rashtriya Sanskrit Sansthan, New Delhi, Jammu Campus, Kot Bhalwal, Jammu, 5th - 6th March 2017.
2. 'Meaning by Exclusion', 11th Nalanda Dialogue on "Cognition" organized by the Dept. of Philosophy, Nava Nalanda Mahavihara, Nalanda, Bihar, 27th - 29th January 2017.
3. 'Sa Vidya Ya Vimuktaye', Two-Day National Seminar on Relevance of the Veda in Contemporary Times, organized by Rashtriya Sanskrit Sansthan, New Delhi, Jammu Campus, Kotbhalwal, Jammu, 3rd - 4th December 2016.
4. 'The Relevance of Samayamatrika in Present Era', National Seminar on "Relevance of Kashmiri Acharya Kshemendra in Present Era", organized by PG Department of Sanskrit, University of Jammu, Jammu, 25th - 27th November 2016.
5. 'Agmana Ki Samasya Ka Buddha Samadhan: Ek Paryavekshan', 61st Session of All India Philosophy Association, Department of Philosophy, Patna University, Patna, 10th - 12th September 2016.
6. 'Abhinavagupta's Gitarthasamgraha', National Seminar on "Abhinavagupta: The Genius of Kashmir", organized by the Indira Gandhi National Centre for the Arts in collaboration with the Department of Philosophy & Culture, SMVD University, Katra, J&K, 3rd - 4th September 2016.

Other Participations in Seminars/Conferences/Workshops

1. Two-Week Refresher Course on Research Methodology, organized by the Human Resource Development Centre, UGC of SMVDU, 14th - 27th March 2017.

Mr. Sumanta Sarathi Sharma

1. National Seminar on Abhinavagupta: The Genius of Kashmir

organized by Indira Gandhi National Centre for the Arts Kalakosha Division New Delhi and Department of Philosophy & Culture, SMVD University from 3rd - 4th September 2016.

2. One Day Workshop on Patent Drafting and Filing in association with Technology Information, Forecasting & Assessment Council (TIFAC) and Department of Science & Technology, Govt. of India on 20th October 2016.
3. World Philosophy Day Celebration 2016 by Indian Council of Philosophical Research New Delhi and Department of Philosophy & Culture, SMVD University on 2nd December 2016.
4. II Winter School on Diagrams 2017 jointly organized by University of Brighton, United Kingdom and Jadavpur University, Kolkata from 13th - 17th February 2017.
5. UGC Sponsored One Day Workshop on Scientific Writing using LaTeX organized by Department of Electronics & Communication Engineering, SMVD University on 24th February 2017.
6. Two Day International Conference on The Problem of Consciousness and the Brain/Brahman Dichotomy organized by Department of Philosophy & Culture, SMVD University from 27th - 28th February 2017.

Dr. Madhu Mangal Chaturvedi

1. Presented a paper titled 'The Prāṇik Mechanism of Mental Causation' in Two-Day National Seminar on Karyakarnavada in Philosophy, organized by Sarva Darshan Dept., Rashtriya Sanskrit Sansthan, Shri Ranbir Campus, Jammu on 5th - 6th March 2017.
2. Presented a paper titled 'Saving Consciousness from Science' in a One-Day Seminar on the theme "Philosophy, Science and Technology" organized by Department of Philosophy & Culture, on December 02, 2016 at Shri Mata Vaishno Devi University, Katra, J&K to Celebrate World Philosophy Day 2016, sponsored by ICPR, New Delhi.
3. Presented a paper titled 'Prāṇik Solution to the Problem of Interaction' in Two-Day National Seminar on Abhinavagupta: The Genius of Kashmir from 3rd - 4th September 2016, organized by the Indira Gandhi National Centre for the Arts (IGNCA), Kalakosha Division, New Delhi in collaboration with the Department of Philosophy & Culture (DoPC), Shri Mata Vaishno Devi University, Katra, J&K, India.

Dr. Ashoka Kumar Tarai

1. Presented a paper "Wittgenstein, Logical Positivism and Philosophical Method", One Day Seminar on the theme "Philosophy, Science and Technology" organized by Department of Philosophy & Culture on the Occasion of World Philosophy Day Celebration, 2nd December 2016.
2. Attended National Seminar on Abhinavagupta: The Genius of Kashmir organized by Indira Gandhi National Centre for the Arts Kalakosha Division New Delhi and Department of

Philosophy & Culture, SMVD University from 3rd - 4th September 2016.

3. Attended Two Day International Conference on The Problem of Consciousness and the Brain/Brahman Dichotomy organized by Department of Philosophy & Culture, SMVD University from 27th - 28th February 2017.

Conferences/ Seminars /Workshops/FDPs/MDPs Organized

Dr. Anil Kumar Tewari

Coordinated Academic Programmes

1. Workshop on the Constitution of India, organized by the Department of Philosophy & Culture, SMVDU, 16th - 25th January 2017.
2. National Seminar on "Abhinavagupta: The Genius of Kashmir", organized by the Department of Philosophy & Culture, SMVDU, 3rd - 4th September 2016.

Dr. Madhu Mangal Chaturvedi

1. Organizing Secretary, International Conference on 'The

Problem of Consciousness and the Brain/Brahman Dichotomy' from 27th - 28th February 2017

Dr. Ashoka Kumar Tarai

1. Co-Coordinator for the ICPR Sponsored World Philosophy Day, 2016 held on 2nd December 2016 organized by Department of Philosophy & Culture, Shri Mata Vaishno Devi University, J&K

Ph.D. Guided

Dr. Varun Kumar Tripathi

Guided Ph.D. to Ms. Simran Raina on the topic "The Problem of Relation between Action and Good in the Bhāmanī School of Non-Dualistic Vedānta", Thesis submitted.

Students' Achievement

1. Dr. Dinesh S. Jamwal appointed as an Assistant Professor through JKPS, 2016
2. Mr. Varun Shrama appointed as an Assistant Professor through JKPS, 2016
3. Mr. Ramesh Chander appointed as an Assistant Professor



CENTRAL LIBRARY

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

–Scott Douglas

Starting Library with the number of only 2000 books by 19th August 2004, within a short span of time the library has acquired more than 46,000 books and more than 3000+ CD collections.

Library has shifted to its new Building on 26th July 2010. The Central Library building is in 36000 square yds area & is being covered with a various separate sections consisting Acquisition Section, Technical Section, Circulation Section, Reference

Section, Periodical Section, Text Book Section, Computer Section, Reading Section, Photocopy Section for the benefit of students, faculty & staff. More quality Books are being added to the library on a regular basis. Quality of education largely depends upon the collection of the books & other material in the Library. To enrich the Library collection with the quality Books Library has organised series of Book exhibition which has been participated by the renowned publishers./ vendors from various parts of the India year 2016 & 2017.

The Central Library collection encompasses Management, Economics, Engineering, Architecture, Sciences, Philosophy, culture, Religion, English, Dogri & Hindi Literature.

Library Timings:

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

S.No.	Collection	Days	Timings
1	Book stacks for Circulation	Monday - Friday	9 AM-5:00 PM
2	Digital Library	Monday - Friday	9 AM-5:00 PM (Lunch break 1:00-2:00 PM)
3	Reference	Monday - Friday	9 AM-10:00 PM (Dinner break 8:00-9:00 PM)
4		Saturday - Sunday	10 AM-5:00 PM (Lunch break 2:00-3:00 PM)

Reading Room: 24x7

During Exams: Reference Section is open till 11:00 PM (Monday - Friday)

During vacations, Library is operational in the weekdays from 9:00 AM to 5:00 PM

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 Members, Staff Members and Research Scholars. At present, Library is catering to the information needs of more than 1500+ users with the help of its trained professionals.

Library staff Strength

At present, the library is staffed as follows:

1. Library Professionals:

Faculty Incharge Central Library - 1; and

2. Library Assistants - 5

3. Non-professionals: Attendants-3

Multi-Task Attendant-1; Attendants-3 (Day-2 & Evening-1)

The details of Library personnel involved in the functioning of Library are:

1. Dr. Supran K. Sharma: Faculty Incharge Central Library

2. Ms. Suneeta Raina: Library Assistant

3. Mr. Sandeep Verma: Library Assistant

4. Mr. Ashwani Sharma: Library Assistant

5. Mr. Chandreshwar Gupta: Library Assistant

6. Mr. Mool Raj: Library Assistant

7. Mr. Jaipal Singh Jamwal: Multi-Tasking Attendant (MTA)

S.No.	Collection Type	Quantity
1	Books	46000+
2	CD's and DVD's	3000+

Newspaper, Magazines and Journals Collection in the Central Library

The SMVDU Central Library provides access to more than 10000 online Journals and e-Resources of International publications through eShodhSindu Digital Library Consortium, INFLIBNET and also to subscription based e-Resources from various suppliers & renowned publishers.

List of e- Resource accessible through eShodhSindu Consortium

American Institute of Physics: January 2017 to December 2017
 American Physical Society: January 2017 to December 2017
 Annual Reviews: January 2017 to December 2017
 Economic & Political Weekly: April 2017 to March 2018
 Emerald CFTI Collection (298 titles): January 2017 to December 2017
 Institute for Studies in Industrial Development (ISID) Database: April 2017 to March 2018
 JGate Plus (JCCC): January 2017 to December 2017
 JSTOR: January 2017 to December 2017
 MathSciNet: January 2017 to December
 Springer Link: April 2017 to March 2018
 Taylor and Francis: January 2017 to December 2017

NDL e-Resources

World e-Book Library: September 2016 to August 2017
 South Asia Archive (SAA): National Licensing (Perpetual

List of e- Resource Subscribed by SMVD University

S.No.	E-Resource	Subscription Period
1.	Proquest	Jan-Dec'2017
2.	Elsevier	Jan-Dec'2017
3.	IEEE/IEL	(22nd May 2017 to 21st May 2018)
4.	EBSCO host Premier Starter Edition	1st August 2017- 31st July 2017

Apart from these the library also subscribes to more than 63 print national and (05) international journals.

OPAC/Library Automation

The Library is an integrated Library Management software package- the 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 against his account books overdue against his name. Using Granthalaya 4.0 (Online Public Access Catalogue), users can search the Library Online Catalogue by Authors, Title, Subject, and Keywords. Library catalogue is automated and fully indexed. The catalogue can be browsed and searched by author, titles, and subject/keywords. 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, any member can also find the status of books issued in their name, overdue, fines, etc.

Internet Access:

Library is providing access to its users to online periodicals &



various information resources from 40 internet computers located at different sections.

Virtual Digital Library:

In the year 2008, the Virtual digital Library was established with various online reference resources and access to open Access Journals available.

Digital Library:

Digital Library is equipped with 34 internet PCs. Various subscribed as well as open access e-Resources can be accessed by the students, scholars, staff and the faculty members of the University through Digital Library.

Reprographic Service:

Library provides photocopy service to the users against a nominal charge.

CAS/SDI

Library also provides Current Awareness Service & is involved in selective Dissemination of information.

1. New arrivals of books
2. Newspaper clippings service
3. Monthly alert for e-resources, e-books, e-journals accessible at SMVD University.

Anti-Plagiarism:

In order to avoid any sort of anti-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 software Turnitin.

Membership:

UGC-INONET 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).

DELNET Membership:

It is not possible for any Library to procure all books or subscribe to all journals. Hence, to get books on loan basis or journal reprints on request is possible through DELNET (Developing Library Network), Delhi. Library is a member of DELNET since 2007. We procure books on request through inter 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.

Hardware (equipments) and Software:

Library is equipped with 60 computers utilizing UGC Fund. Recently Library also procured 2 Blade Servers from UGC Fund.

Online UPS:

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

Photocopier/Photocopy Machine:

At present Library is equipped with THREE Canon Photocopying machines. All these are already placed at different utility locations in the Library. One old system is also available as back-up arrangement in case of any failure.

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

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 at least developments in their field of specializations. Providing support and strengthening College Libraries, and opening of School Libraries is very much on the agenda.

Future:

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

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 state i.e. J&K.
4. Reference books

Equipments & Technology: for modernizing the library and it's services the university is planning for RFID technology and NAS Server.

- RFID Technology: Our library has already procured the Library software (Libsys). Further, higher level of automation can be achieved using RFID technology. This will help minimizing book theft, further automate book circulation (multiple book at time) to a user i.e. can be issued or checked-in in a single moment. It will also help in shelf or stack rectification & help minimizing (un) intentional misplacement of books on the shelves by users.
- CCTV: CCTV for better surveillance of the library to detect and minimize any unwanted activities inside against the library is under process.
- 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.

VIDWAN

Databases contain 10,000+ profiles of experts in various subjects from 650 institutions - <http://vidwan.inflibnet.ac.in>.

OFFICE OF THE DEAN OF STUDENTS

SPORTS ACTIVITIES

A. All India inter university championship

1. 77th All India inter university Athletic championship (men/women) from 10th - 26th January 2017 organized by association of Indian universities at Anna University, Chennai.

Seven men students, namely (Sachin Kapil, Narendra Babu, Prasad Birajdar, Hanuman Gurjar, Manjeet Singh, Sahil Pandita, Subrat Sharma) participated. Most of the athletes finished at place 5th and 6th in their respective heats of the competition.

2. All India inter universities E-Sports Championship (M/W) from 24th - 28th March, 2017 organized by Association of Indian Universities at LPU Jalandhar.

Five male students Achyut Mishra (captain), Maheep Dubey, Adish Kunwar Gupta, Anuj Happa, Varun Dev Singh, Shubham Choudhary, Ajitesh Kohli that participated. Shri Mata Vaishno Devi University stood third in the championship, was awarded with cheque amount of Rs. 15000 and trophy.

B. North zone level competitions

1. North Zone Volleyball inter university championship, from 13th -18th October, 2016 held at Deshmesh Khalsa college, Zirakpur.

Eleven male students Siddhant Sharma, Rushal Verma, Ashotush Khajuria, Deepak Jha, Sahil Bhardwaj, Saurav Sawhney, Dheeraj Sharma, Sahil Sharma, Manuj Khajuria, Vikram Rana, Vikas Zutshi participated in inter university championship, from 13 october to



18 october, 2016 held at Deshmesh Khalsa college, Zirakpur. The first match was played Between Shri Mata Vaishno Devi University (katra) vs MDU, Rothak(Hararyana), in which Shri Mata Vaishno Devi University won the match as per walk over method and the second match was played Shri Mata Vaishno Devi University vs DAV college, Jalandhar (Punjab), DAV college won the match by 0-3 sets (9-25, 11-25, 13-25).



2. North zone Chess Inter University tournament from 13th - 17th October 2016 at Guru Jambheshwar University of Science & Technology Hisar, Haryana.

Six male students namely Sengar, Pranav Sharma ,Prayalankar Ashutosh, Durgesh Satyam, Abhishek Bundela and Srikrishna Singh participated in the championship. SMVD University stood Fourteenth place in the championship.

3. North zone Cricket (men) Inter University, from 21st November 2016 to 3rd December 2016 held at Ch. Charan Singh University, Meerut.

The S M V D U Cricket team(men) namely Rohit Sharma (15MMM41), Wani Khalid Shafiq (15MMA002), Karan Gupta (16MMB011), Aman Gupta (15MRE002), Dinesh Singh Jamwal (15IES013), Arush Sharma (2013EEC07), Apekshit Sharma (16IES007), Mir Hanan (15BME017), Abhishek Sharma (15MEN023), Taweed Iqbal Lone (2013EEC46, Chandan Maurya (14BEC020), Saboor Fayaz Lone (2013EME39), Sushant Gupta (2013EEC60) and Shivam Yadav (14BME053) participated in the competition. The first match was played between Shri Mata Vaishno Devi University (Katra) vs NIFTM, Sonipat in which Shri Mata Vaishno Devi University won the match as per walk over method. The second match was played between Shri Mata



Vaishno Devi University (Katra) vs GLA University Mathura in which GLA University won the match by 85 runs.

4. North zone Football Inter University tournament, from 17th - 21st January 2017 held at Desh Bhagat University, Punjab.

The S M V D U Football team (men) namely Syed Mubashir, Vikram Singh, Manan Sharma, Maheep Dubey, Aniket Sharma, Mayank, Kunwar Path, Shubahm Choudhary, Kailash Kumar, Neelohit Sharma, Shivam Kr. Shukla, Prakhar Gupta, that participated in the competition. The first match was played between Shri Mata Vaishno Devi University (Katra) vs K.R. Manglam, in which Shri Mata Vaishno Devi University won the match as per walk over method and the second match was played Shri Mata Vaishno Devi University vs Amity University, Amity University won the match by 0-5 (goal)

5. North zone Basketball Inter University tournament, from 27th - 31st January 2017 held at Punjabi University, Patiala.

The S M V D U Basketball team (men) namely Farid Ansari, Shubham Sharma, Shubha Saryal, Harshit Singh, Akarshan Magotra, Madhav Dubey, Kartik Sharma, Kriti Shubham, Neelesh participated in the competition. The first match was played between Shri Mata Vaishno Devi University (Katra) vs. Allahabad University, in which Allahabad University won the match by 17-33.

C. State Level Competition

1. 1st State Inter University Sports championship, from 3rd

April 2017 to 8th April 2017 held at University of Jammu, Jammu.

Six teams namely Basketball (M/W), Volleyball (M/W), Table-tennis (M/W), Badminton (M/W), Football (Men), Cricket (M/W) participated in the championship. Basketball (Women), Table tennis (M/W) stood second place and Basketball (Men), Badminton (M/W) stood third place in the competition, awarded with trophies.

D. Intra University, Inter house tournaments conducted by Board of Sports activities, SMVD University

1. Volleyball (M/W): Students from Five houses namely Agni, Akash, Jal, Prithvi, Vayu participated in the competition.
2. Table tennis: Students from Five houses namely Agni, Akash, Jal, Prithvi, Vayu participated in the competition
3. Athletics (M/W): Students from Five houses namely Agni, Akash, Jal, Prithvi, Vayu participated in the competition
4. Cricket (M/W): An open tournament was conducted in which 32 teams and approximately 400 students participated.
5. Football (M): Students from Five houses namely Agni, Akash, Jal, Prithvi, Vayu participated in the competition.
6. Basketball (M/W): Students from Five houses namely Agni, Akash, Jal, Prithvi, Vayu participated in the competition.
7. Lawn tennis (M/W): Students from Five houses namely Agni, Akash, Jal, Prithvi, Vayu participated in the competition.
8. Badminton (M/W): Students from Five houses namely Agni, Akash, Jal, Prithvi, Vayu participated in the competition
9. Marathon Race (M/W): Students from Five houses namely





Agni, Akash, Jal, Prithvi, Vayu participated in the competition.

10. Futsal (M): Students from Five houses namely Agni, Akash, Jal, Prithvi, Vayu participated in the competition.

11. Chess (M/W): Students from Five houses namely Agni, Akash, Jal, Prithvi, Vayu participated in the competition.

12. Carrom (M/W): Students from Five houses namely Agni, Akash, Jal, Prithvi, Vayu participated in the competition.

E. Sarang' 2017

1. Computer games
2. Cards
3. Athletics championship (races, Discuss throw, High jumps, Long jump, Javelin throw)

F. Intra university, inter hostel tournaments

1. Sports Talent search drive: To extract sports talent among the students of SMVD University. The talent search drive was launched under the supervision of I/C Sports in various sports namely volleyball, cricket & basketball and henceforth various teams formed for higher competitions. Various teams were formed under the able guidance & technical support of the sports coaches.

2. Tug of war tournament: Men teams from various hostels participated.

3. Football tournament: Men teams from various hostels participated.

4. Volleyball tournament: Men teams from various hostels

participated.

5. Basketball tournament: Men teams from various hostels participated.

G. Gym training and physical fitness training, 5 hours daily (M/W)

1. Morning session (6:30 am to 8:30 am)
2. Evening session (4:30pm to 7:30 pm)

H. Exhibition Cricket Match between SMVDU and SMVDSB Employee:

An exhibition match of Twenty-Twenty overs was organized in the SMBDSB Katra stadium. SMVDU won the match by 9 wickets.

CULTURAL ACTIVITIES

ACTIVITIES UNDER BOARD OF CULTURAL ACTIVITIES 2016-17

SN	Name of the Event	Date(s)	Organized by
1	Cultural Evening (Alumni Meet)	13 Aug. 2016	BCA, SMVDU
2	Independence Day Celebration	15 Aug. 2016	BCA, SMVDU
3	Cultural Evening (Foundation Day)	19 Aug. 2016	BCA, SMVDU
4	Celebrating the Diversity – J&K Folk Art Performances	22 Aug. 2016 Jammu	ICCR Regional Center and Natrang,
5	Essay Competition	25 Aug. 2016	BCA, SMVDU
6	Talent Hunt (fresher students)	1-15 Sept. 2016	BCA, SMVDU
7	Cultural Performances during Inaugural of Hindi Pakhwada	14 Sept. 2016	BCA, SMVDU
8	Quiz Competition	28 Sept. 2016	BCA, SMVDU
9	Concordance	5 Oct. 2016	BCA, SMVDU
10	Theater "Jaanch-Padtaal"	11.11.2016	Anukriti Rangmandal, Kanpur
11	Theater "Purush"	12.11.2016	Anukriti Rangmandal, Kanpur
12	10 Days Theater Workshop	13-22 Nov. 2016	Anukriti Rangmandal, Kanpur
13	3 Days Workshop on Film-making	25-27 Nov. 2016	BCA, SMVDU Resource Person Mr. T.N. Tiwari, New Delhi
14	2nd Inter-State (North-Zone) Declamation Contest for Silver Rolling Trophy instituted by Governor Sh. N.N. Vohra	30.11.2016	SMVDU
15	Students participated in Mood Indigo cultural festival	23-26 Dec. 2016	IIT Bombay
16	North Zone Inter-University UNIFEST	2-6 Jan. 2017	CSJM Kanpur University & Association of Indian Universities (AIU) 1st Prize in Clay Modeling
17	Students participated in Indian Students Parliament	17-19 Jan. 2017	MIT-SOG Pune won 2 best speakers award
18	Republic Day Celebration	26 Jan 2017	BCA, SMVDU
19	National Inter-University UNIFEST	10-14 Feb. 2017	University of Kolhapur, Association of Indian Universities (AIU) 4th in Clay Modeling
20	North India Student Parliament (NISP)	26-27 March 2017	SMVDU
21	Celebrating the Diversity – II	28 March 2017	Natrang, Jammu
22	Resurgence – Annual Cultural Festival	28-30 March 2017	SMVDU
23	10 Days Advance Theater Workshop	1-10 April 2017	BCA, SMVDU Resource Person Mr. Vikram Sharma

Achievements

2 Best Speakers in Indian Student Parliament

1st prize in Clay Modeling in Inter-University UNIFEST, AIU, CSJM University Kanpur

4th position in Clay Modeling in National UNIFEST, AIU, University of Kolhapur

3rd position in North India Student Parliament, SMVDU

Highlights

Celebrating the Diversity by Natrang

Natrang, Jammu, presented a conglomeration of folk dance forms of Jammu & Kashmir under the theme 'celebrating the diversity' on 22nd August 2016. The show was presented by Sh. Balwant Thakur, Regional Director ICCR Jammu, which was very well received. The organization of the show was facilitated by Board of Cultural Activities.



2nd North Zone Declamation Contest

The 2nd Inter-State (North Zone) Declamation Contest for the Silver Rolling Trophy instituted by Governor Sh. N. N. Vohra was organized at Shri Mata Vaishno Devi University on 30th November. Total 38 participants from the northern States like J&K, Haryana, Punjab, Himanchal Pradesh, Rajasthan, Uttar Pradesh and Delhi participated in the declamation on the theme



"Does religion defy rationality?" Mr. Suraj Kumar from Govt. Degree College Dharmashala bagged the Silver Rolling Trophy and emerged the Best Speaker. The second positions went to Shivika Thakur from University of Jammu and Dunger Ram JNV University Jodhpur jointly and third position went to Prabhjot Kaur Central from University of Jammu. Ramneet from University of Jammu and Jhilmil Mengi from GCW Gandhinagar were awarded the consolation prizes. Shivika Thakur and Ramneet Kaur from University of Jammu bagged the Best Team award.

Workshop on Film-Making

A three-day workshop on film-making was conducted at Shri Mata Vaishno Devi University from 25th - 27th November 2016. The workshop was organized keeping in view the need for imparting the basic cinematographic skills among students as one of the basic skills for any technical graduate today. The main instructor Mr. Tripurari Nath Tiwari - a freelance cinematographer and an emerging advertisement designer from Delhi and his team comprising of Mr. Govind Kumar Singh and Mr. Mithun Kumar laid their emphasis on converting concepts into script, technical aspects of shooting, cinematographic skills, editing and use of editing software, basic lighting techniques and adding music to films etc.

SMVDU Students participated in Indian Student Parliament

Five students of Shri Mata Vaishno Devi University participated in the 7th Indian Student Parliament (ISP), also known as Bharatiya Chhatra Sansad (BCS), organized by MIT - School of Governance (SOG) Pune, held from 17th - 19th January. They were selected for the auditions of speeches in the preliminary round and two among them namely Ms. Khushboo Julfi and Mr. Rashid Altaf were selected for final round gaining opportunity to represent the university in presence of more than ten thousand audience comprising students, politicians, intelligentsia, academicians, parents and social activists from all across the nation. Ms. Khushboo spoke on "Black Money and Elections: Who will Bell the Cat" and Mr. Rashid on "Freedom of Expression: How Much Is Too Much", receiving unending applaud from the audience.

Resurgence 2017

Resurgence 2017, the annual cultural festival of Shri Mata Vaishno Devi University, was inaugurated by the Governor of J&K State Sh. N. N. Vohra, who emphasizing the need for organizing festivals said that they provide opportunity for the youth of different parts of the country to come together and understand each other. He also highlighted in his address that cultural activities are as important as academic activities. By means of cultural activities students exhibit their artistic talent which is important for life as life goes far beyond academics. The festivals bring the youth together in which students not only compete but also share with each other valuable knowledge and experience.



North India Student Parliament

The North India Student Parliament (NISP) – a non-political platform for sensitizing the youth for nation building was inaugurated by Dr. Jitendra Singh, the Hon'ble Minister PMO, at Shri Mata Vaishno Devi University on 26th March. The Two-Day event witnessed participation of more than 100 outstation participants, from as far North East as Dibrugarh. Dr. Jitendra Singh highlighted in his speech the role of NISP as an internship of a responsible citizenship and values of democracy. The parliamentary model that our country adopted after independence is though in its infancy stage – if compared to the history of polity, yet it has proved its worth and acceptability for last 70 years.

Advance Theater Workshop

A Ten-Day Advanced Theatre Workshop which focused on individual development of students organized by the Board of Cultural Activities concluded at University in which 30 students participated. The focus of the workshop was to develop among participating students the ability to display their talents by enactment. The workshop was conducted by Mr. Vikram Sharma, an alumnus of world renowned Lee Strasberg Theatre and Film Institute New York.



NSS EVENTS

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

International Volunteer Foundation (IVF) organized Swacch Vaishno Devi Yatra Abhiyaan (6th Edition) where a rally of students was organized which marched from Katra to Bhavan followed by cleanliness and awareness drive. More than 90 students along with 4 NSS volunteers participated from SMVD University.

Yoga Session– NSS at SMVDU conducted five sessions of Yoga at Shri Mata Vaishno Devi University Katra for all the registered students of NSS. More than 500 students and various faculty members participated in it with great enthusiasm and spirit under the supervision of Shri Gurmel (Yoga Instructor). It started from 9th April 2017 and culminated on 22nd April 2017. The wee hours of weekends were utilized to conduct this event.

There were several asanas which were skillfully accommodated for the holistic growth and development of both body and mind. The routine for each day varied to an extent as well as certain basic asanas remained the same. Asanas like, Tadasana, Trikonasana, Dhanurasana, Surya Namaskar, Padmasana, Ardha Chandrasana, Ardha Navasana, Bhujangasana, etc were taught and performed. Every session concluded with laughter which students enjoyed the most.

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

Essay Writing Competition – NSS organized Essay writing competition on the occasion of "WORLD WILDLIFE DAY". Students from Electronics & Communication Engineering, Computer Sciences, Mechanical Engineering, Economics, etc. participated with great enthusiasm. The topic of the essay was

"The future of Elephants is in our hands" as per the directives of UN World Wildlife Day celebration.

Interactive Session with Ms. Ashwini Nachappa – NSS along with the Department of Sports, SMVDU organized an interactive session of students with former athlete and film personality Ms. Ashwini Nachappa. More than 150 students participated wherein Ms. Nachappa gave an inspirational talk and answered queries of students.

Campus Cleanliness Drive – NSS conducted Campus Cleanliness Drive where more than 150 students who are registered for NSS along with 8 volunteers participated with great enthusiasm and devotion. At 10 am, students assembled at B-C junction. Volunteers divided them into groups comprising 20 to 25 students. They were then assigned lecture halls (A, B and C), classrooms, and common areas Trikuta, Kailash and Vindhyachal hostels, Architecture and Landscape block, Faculty of Management and Faculty of Humanities and Social Sciences. All the students came with their own buckets and rest of the materials like broom; cleaning liquid, mopping mats, etc. were provided by housekeeping which was coordinated by Security Officer. Students dusted their allotted places respectively and then mopped it. The event went on till 12 in the noon. After this, some refreshments were provided to all those who participated.

Beti Bachao Beti Padhao Abhiyaan – This is an initiative by the Government of India to save and educate girl child, which was undertaken by NSS for the nearby villages of SMVDU. The team flagged off at 11:30 AM from the campus and split into three teams of 2 each. They told people about the benefits of Sukanya Samridhi Yojana launched by Govt. of India. At the end of the day, the teams had surveyed around 60 families and the families

were quite convinced and satisfied and strongly committed for higher education of their girl child.

Blood Donation – Students from the School of Architecture and Landscape Designing donated blood to Shri Mata Vaishno Devi Narayana Super Speciality Hospital.

Cleaning of Classrooms – Students from the School of Architecture and Landscape Designing cleaned their respective classrooms. 13 students have participated who worked for more than 3 hours to clean and decorate.

Clothes Distribution – NSS collected old clothes from students of all hostels who donated them generously. This was distributed to construction laborers of nearby places and those residing inside the university. 14 students along with NSS volunteers participated in it.

Talk on the History of Science – NSS along with the Department of Philosophy and Culture (DoPC) conducted a special lecture on the history of science. The lecture was delivered by Prof. P. Jetli (Adjunct Faculty, DoPC). In this, origins of Western science from Asia Minor to Newtonian Mechanics was traced and discussed.

National Science Day – An essay writing competition was organized on the theme, "Science for differently abled persons" to celebrate National Science Day. Around 30 students participated in it. The winners will be awarded prizes during Resurgence in the month of March 2017.

NSS organized VISAKA (Vittiya Saksharta Abhiyaan)
NSS University organized VISAKA (Vittiya Saksharta Abhiyaan)



to sensitize and educate the common masses about the advantages of online and digital transactions over conventional transaction post demonetization. This was organized with the following agenda/outcome in mind:

A lecture to educate and sensitize students was delivered by Dr. Sanjay Mishra (Convener, VISAKA) on 03-01-2017. Also, Dr. Sudesh Kumar (In-Charge Networks) delivered a lecture on the pros and cons of digital payments. Around 150 students registered for the same who were divided into two groups. The first group went to Katra on 05-01-2017 and surveyed the commercial establishments and their readiness to shift to the digital and online payment mode. In addition to this, the second group visited nearby villages which include Sira, Kakryal, Panthal, Dheerti and Domel from 05-01-2017 to 08-01-2017 to collect household data of the residents. They interacted and filled survey sheets whose results along with feedback were submitted to mhrd.gov.in/visaka.

An open house with the students was organized by the Convener VISAKA on 12-01-2017 to discuss and take up queries pertaining to it. It was also meant to elicit students' experiences and provide them further guidance with reference to the aforesaid campaign. International Volunteer Foundation (IVF) has organized Swacch Ban Ganga Abhiyaan (5th Edition) where a rally of students was organized which marched from Katra to Ban Ganga followed by cleanliness and awareness drive. More than 50 students along with 4 NSS volunteers participated from SMVD University.

Orientation Programme for First Year students and all those registered for NSS was organized to help them understand the requirements of NSS programme as well as to sensitize them about their social responsibilities. Around 200 students attended it.

16-11-2016 - Two lectures were conducted on 'How to plan (your career) for four years' exclusively for B.Tech First Year students. The event was attended by around 150 students from the departments of EEC, CSE, ME and IBT.

A lecture on Constitution Day was organized. Around 50 students came to attend it.

Poster making competition was organized on the topic 'Communal Harmony in Society'.

Vigilance Awareness Week 2016

NSS at SMVD University observed Vigilance Awareness Week from 31-10-2016 to 05-11-2016. The theme chosen for this year was "Public participation in promoting integrity and eradicating Corruption". In this, a poster making competition was organized. Students of B.Arch first year participated with great enthusiasm. These posters were then collected and displayed at various places of the University. There were several posts on this theme at social media by students.

1. Developing a digitally enabled and cashless ecosystem in the University campus.
2. Encouraging the household of village of Sira and Kakryal for shifting to digital payment system.
3. Encouraging the market of Sira and Panthal (Stage 1) and Katra (Stage 2) for digitization of payment.

Also, a team of students carried these posters to Katra where they participated in Swacch Ban Ganga Abhiyaan (5th edition) organized by International Volunteer Foundation (IVF) 12th November 2016. In this regard, a rally of students has been organized which marched from Katra to Ban Ganga followed by cleanliness and corruption awareness drive.

NSS conducted a workshop on Four Years Career Planning

NSS at SMVDU conducted a workshop on Four Years Career Planning for First Year students of B.Tech programme on November 16, 2016 from 5:30 pm onward at Lecture Hall D (LT-3). This event was split into two lectures. In the first lecture, Mr. Sumanta Sarathi Sharma, Faculty Coordinator NSS, gave a talk on the academic component. In this, the importance of courses, SGPA, CGPA along with online courses were highlighted. It also dealt with how one should take and complete projects, acquire language and software skills and plan their summer training and internships. The final section of the talk emphasized the need to start planning early so as to avoid last minute rush. An informal question answer session with some discussion followed the talk. In the second lecture, Dr. Varun Kumar Tripathi, President Board of Cultural Activities delivered a lecture on the significance and relevance of co-curricular and extra-curricular activities. In this, he highlighted the need and importance of these activities in our daily day-to-day life. He also informed students about the sports infrastructure, various events being conducted, student festivals and several students' clubs operating in the university. It was also explained that how students may plan their involvement in these activities so as to benefit themselves. Students' queries were taken and addressed at the end of the session.

The event was attended by around 150 students from the departments of EEC, CSE, ME and IBT and was jointly coordinated by Mr. Ajit Kumar, Student Secretary NSS and Mr. Rajat Mishra, Student Secretary Vikalp.

01-10-2016 - 07-10-2016 - 1st Week of October 2016: International White Cane Day fund raising week. NSS volunteers raised fund for the same.

02-10-2016 - Swacch Bharat Abhiyaan - Cleaning of grocery area along with academic area and Shivalik hostel. Around 70 students participated with the help of 7 volunteers.

02-10-2016 - Debate Competition on the topic "What should best come first: Cleanliness of habitat or eradication of maladministration?" (कसि प्राथमकता दी जानी चाहिए: नविसस्थान की साफ-सफाई या कुशासन का उन्मूलन) in both hindi and English was organized.

02-10-2016 - Essay Competition on the topic "Non-Violence in Contemporary World (समकालीन दुनिया में अहिंसा)", in Hindi and English was organized.

31-10-2016 - National Unity Day was celebrated. Candle march was organized. Unity Pledge was taken.



TRAINING & PLACEMENT CELL

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

List of Companies for the batch 2016-17

- Wipro Ltd.
- TechAspects Solutions Pvt. Ltd.
- Indian Navy
- XenonStack
- Axis Bank Ltd.
- Mahindra(MFCWL)
- Bharti Airtel Ltd.
- Orange Business Services Ltd.
- ITC Ltd.
- NCR Corporation India Pvt. Ltd.
- Technospan Structures Pvt. Ltd.
- ICICI Prudential Life Insurance Co. Ltd.
- HDFC AMC Ltd.
- Hindustan Coca Cola Beverages Pvt. Ltd.
- Ceasefire Industries Ltd.
- SMVD Narayana Superspeciality Hospitality
- HDFC Bank Ltd
- Sphinx Worldbiz
- Designtech
- International Tractors (Sonalika)Ltd.
- Samsung India Pvt. Ltd.



CENTRAL FACILITIES, CELLS, CENTRES

TELECOMMUNICATION SECTION

To facilitate the telecommunication needs, the University had installed latest 4000 V2.0E simplex IP ready Siemens communication server through 576 Analog Extensions (Expandable up to 1392 Extensions), 24 Digital Extensions, 32 trunk lines with CLIP facility on each extension. 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 IPSDLAM broad band internet connectivity through telecom network has been provided to various officers/officials in their offices as well as residences in the campus where LAN connectivity is not available.

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, Two 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, one 04 Channel 3G enabled GSM Fixed cellular terminal gateway with our EPABX system for continual communication services to all stockholders of SMVDU.

The telecommunication section with two highly trained technical staff provides 24x7, fault free services in SMVDU campus. Beside this, the section also provides a one roof, one stop solution for communication needs of all members of SMVDU family by Organizing "SIM MELA", a unique interface between all service

providers of JK and SMVDU members. The campus is covered under 4 G services from JIO and process for Wi-fi from the direct fiber is in process.

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

NETWORK CENTRE

SMVDU has established the state of art "Network Centre" which serves as Centralized entity for providing the network and Internet services across the Campus with 24x7 availability. SMVD University Network (UnivNet) connects 34 buildings across campus.

- Academic blocks
- Administrative Offices
- Auditorium
- VC Residence
- Central Library
- Central Workshop
- Medical Aid Centre
- All Hostels
- Guesthouse
- Faculty and Staff residences

Details of the university's computing facilities i.e., hardware and software

- a) Dedicated computing facilities: Internet Lab, 2 Sun Solaris Servers for Computation, 2 Dell Blade Server for computational research.
- b) Internet connectivity with bandwidth of 1 Gbps from National Knowledge Network (through NMEICT)
- c) LAN facility: 1 Gbps across campus through optical fibre cable across campus
- d) Wi-fi connectivity across the campus is in process with more than 330 indoor and 05 outdoor Wi-Fi access points procured and will be installed across the campus.
- The network and internet services of the SMVD UnivNet are backed by Layer 3 Core Switch from Cisco, HP & Huawei, 127 Nos. Layer 2 distribution Switches, CISCO Pix Firewalls for Security, Central Authentication Gateway and Network Management System.
- Uninterrupted Internet services have been provided in SMVDU campus from 1 Gbps Internet leased line link from BSNL under NMEICT. With the endeavor of Network Centre team, SMVDU is part of NKN (National Knowledge Network) connecting all Universities in India including IIT, IISc, NIT, etc. since 2010
- Network Centre houses 12 Dell/Sun/IBM servers providing:-
 - a) Network services like DHCP, DNS, Proxy, Primary Domain controller, Windows Deployment Service
 - b) Virtualization services through Hyper-V Servers,

- c) Learning management System – <http://Moodle.smvdu.ac.in>
- d) Application servers for Department of Mechanical Engineering, (AutoCAD, Ansys)
- e) Application servers for College of Management. (Prowess CMIE, Capitaline NEO, etc)

- The university constantly endeavours to upgrade the IT based faculties being provided to all stakeholders based on the need and demand.
- The Network Centre has signed a MoU with Google Inc. for providing the Cloud Based Services i.e. Google Apps for Education to all University officials, faculty & Staff members, research scholars and students of SMVDU. Google Apps for Education is a package of online applications that makes communicating and collaborating at SMVDU easier and more efficient. Under this agreement, access is available to multiple services including G-mail with over 30 gigabytes of storage, Google Docs, Google Calendar & Google Talk.
- The university has also entered into a MoU (Microsoft Campus Agreement) with Microsoft India for licensing of their products on a campus wide basis for all students, staff & faculty in the university.
- Over 20 online workshops had already been conducted through virtual Classroom facility under NMEICT using AVIEW. Thus, a new era begun at SMVDU for providing online teaching to the students of SMVDU by the Professors from IIT's, IISc's etc.
- Under Aakash project with IIT Bombay, SMVDU received 200 Aakash Tablets for ICT based learning and evaluation. The online quizzes were conducted in which students answers the online questions onto Aakash Tab and evaluation will be displayed immediately after the quiz.
- NPTEL chapter has been established at the university for the benefit of students and faculty members
- The Internet Lab is used frequently for online quiz, and on-line tests conducted by companies participating in placement process.

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, edvertorials and other write-ups.

1. Annual Report of the University
2. Bi-annual Chronicle of campus events
3. University Profile
4. 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

MEDICAL AID CENTRE

Good health care facilities are pre-requisite for any residential campus and Shri Mata Vaishno Devi has a reasonably adequate Medical Aid Centre which is providing services to all the employees and students of the University.

1. 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.
2. The details of personnel involved in the functioning of Medical Aid Centre are:

Dr. Pallav Sharma: Medical Officer (on leave)
 Dr. Anju Sharma: I/C Medical Officer
 Dr. Supinder Singh: Dy. Medical Officer
 Dr. R.Z.Ahmed: Dy. Medical Officer (on contract)
 Dr. Neha Sethi: Dentist (on contract)
 Dr. Gurpreet Soodan: Physiotherapist (on contract)
 Ms. Shuchita Jain: Dietician (on contract)
 Ms. Ayushi Grover: Educational Psychologist/Counselor (on contract)
 Mr. Vijay Kumar: Laboratory Assistant (Pathology) (on contract)
 Mr. Vinod Kumar: Pharmacist
 Mr. Manish Kumar: Pharmacist
 Ms. Basanti Kumari: Staff Nurse
 Ms. Alka Saini: Staff Nurse
 Mr. Ravi Kumar: Driver
 Mr. Sohan Lal: Helper
 Mr. Darshan Lal: Helper
 Mrs. Raj Devi: Sweeper

FACILITIES

OPD: OPD services are available to all the inhabitants of the University. Emergency services are available round the clock. Medicines dispensed free of cost among students.

ENT SECTION

ENT services are available on all working days of University.

LABORATORY

A well equipped Clinical Laboratory with Semi-Auto analyser and Incubator are functional in Medical Aid Centre.

PHYSIOTHERAPY UNIT

A Physiotherapy Unit with all latest Physiotherapy equipments.

AMBULANCE SERVICES

Ambulance services for referral round the clock in extreme emergency.

REFERRAL

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

IMMUNIZATION

Under Border Cluster Scheme, on every 4th Thursday of month, a team of qualified personals of Health Department visit the campus to Provide free of cost immunization

PHARMACY

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

WARD

Separate wards for male and female indoor patients, a Dental unit with all latest Dental equipments, a dietician and psychologist are also available in MAC, OPD services are also rendered to inhabitants of nearby villages, CRPF camp personals and DPS students.

During the period w.e.f. 1st August 2016 - 30th June 2017 total numbers of patients seen in OPD is 6375.

Eye check up camp was organized in MAC on 15th October 2016 wherein total no. of 159 was examined by ophthalmologists from J&K Health Department

General medical checkup camp for the students of SMVDU was organized in the MAC w.e.f 7th - 11th November 2017 and on 15th November where in students were examined.

The following specialists were also made available during the general Medical checkup camp.

1. ENT Specialist
2. Gynaecologist
3. Physician
4. Dental Surgeon

A free Medical Checkup Camp was organized for the nearby inhabitants / Villagers by MAC at Govt. High School, Sirah Kakryal on 01-06-2017 o at Govt where in total no. of 400 patients were examined.



SMVDU-TBIC

Do you have an Innovative Idea?
Incubate it with us as a business...

SHRI MATA VAISHNO DEVI UNIVERSITY
TECHNOLOGY BUSINESS INCUBATION CENTER

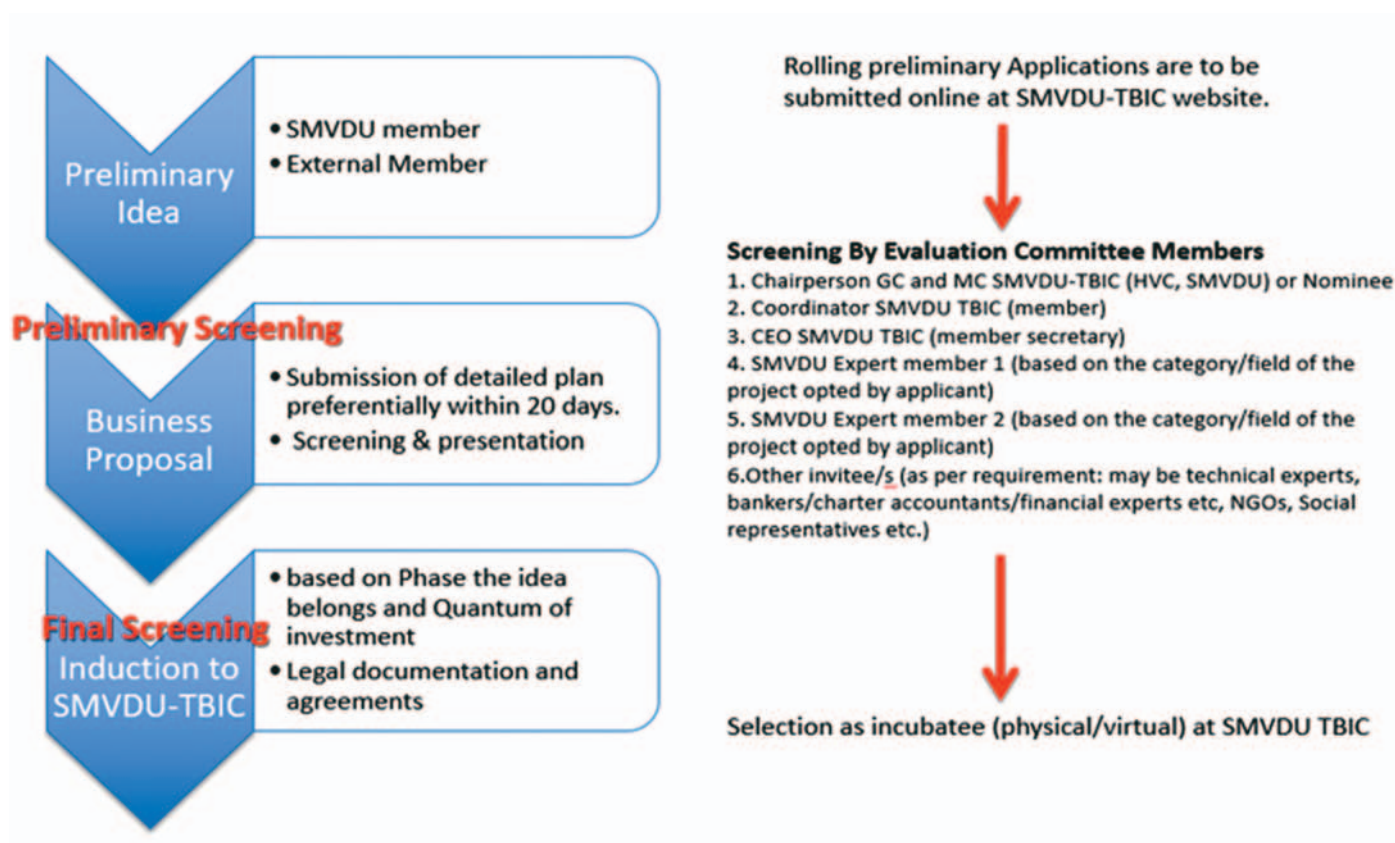
Sponsored by - NSTEDB, Department of Science and Technology, Government of India

FACILITIES WE PROVIDE

- Help with legal and IPR issues
- Industry linkage for technology transfer
- Linkages with R&D Labs for technology sourcing
- Training and networking
- Linkage with potential advisors and mentors
- Access to Angel Investors and Venture Capital funding
- Access to different government schemes
- Startup recommendation for various benefits (upto 50 lakhs revenue)

Academic Blocks, 2nd Floor B-C Junction,
SMVDU Campus, Kakryal, J&K, India - 182 320
Call : +91-1991-285560 | +91-1991-285524 Extn. No. : 2920

Apply Online :
www.smvdutbic.org
Email: smvdu.tbic@smvdu.ac.in



SMVDU TBIC at a Glance

Office Space

Dedicated Cabins for Incubatees

Conference Room, Discussion Room, Pantry Area

Dedicated Cabins for TBIC employees

Some of Our Incubated Startups



Total Incubated Startup: 13

Company Incorporation completed =11

Incorporation In process = 2

Total Ideas received recently for Incubation = 80

S. No	SMVDU TBIC Incubated Startup	Name of associated Incubatees	Industry Sector	Company Profile
1.	Alo Autoworks Pvt. Ltd.	Abhas kumar and Karan Sapolia	Automobiles ecommerce and service	App based vehicle service and technology support idea claims to provide 24x7 service at any location
2.	Hastrix Automation Pvt Ltd.	Desh Deepak, Himanshu, Shakit Mohapatra, Pankaj Pandey	Hardware manufacturing and service	Offers B2C automation products with technical support.
3.	Cleub Automation Pvt. Ltd.	Abhishek Chauhan, Raj Kamal and Kushagra Pratap Singh	Hardware manufacturing and service	Cleub develops and manufactures wireless products, which is cost effective, energy efficient, smart and elegant. Products are divided into two phases- Phase-I and Phase-II. (Technology Patent filed)
4.	ReportCardPlus Edu Ventures Pvt Ltd	Akhil Mahajan, Ashish Malhotra, Prashant Salaria	Education and e-commerce	Report Card Plus is the Smartphone app builds Digitalizing Performance and bridging Communication gap between Parents - Teachers/school
5.	SpurDSelters Services Pvt. Ltd	Paras Singh and Aastha Thappa	Manufacture & Architecture	Develops Method and System for the construction of light weight Dome/ Shell Structures for a living unit. Cost effective and easy method and system of constructing specialized Dome Houses (patent filed)
6.	Nentoir Technologies Pvt Ltd.	Ishan Verma and Bhanu Magotra	e-commerce and cottage industry	Develops Unique model which allows the micro and small level clients to pay for the services only after the generation of positive revenue, which provides them a chance to reach the market at minimum cost inputs and that too under complete professional guidance.

S. No	SMVDU TBIC Incubated Startup	Name of associated Incubatees	Industry Sector	Company Profile
7.	WeirdMix Enterprise Pvt. Ltd		Ecommerce and cottage industry	Developing a single digital platform for Cottage Industries, the application & website which will be easy access to buyers and will also promote the art, culture & craft of India on a national as well as international platform.
8.	VIBMIKS Services Pvt Ltd	Amit Verma Ajit Verma	Ecommerce & Services	The Idea is to directly connect the customers with Professionals like Lawyers, Architects, Doctors, Chartered Accountant etc. so as to solve the problems of the clients , as we have found by the research that there is a big communication gap between the customer and the professional they hire to work for and we are going to overcome this communication gap under the one platform (VIBMIKS) for all professionals and clients.
9.	Kunja Techno Pvt. Ltd	Kundan Kumar, Lavee Singh, Sidharth Nagdev	Automobiles Services	A place and way to pool all the driving schools , rate them and get services without any physical movement, on app.
10.	ESMART SOFTWARE SOLUTIONS PVT. LTD.	Sanjeev Kumar Gupta & Santosh Kumar	Education	Learning management solution and learning outcomes for education domain, University college and Institutions.
11.	FLYDEX AUTOMOBILES PVT. LTD.	Akash Srivastav	Automobiles	1) Manufacturer and service provider of electric generators. 2) Manufacturer and service provider of automobile components.

GENDER SENSITIZATION COMMITTEE AGAINST SEXUAL HARASSMENT (GSCASH)

Gender Sensitization Committee Against Sexual harassment (GSCASH) has evolved in the present times as a full-fledged institution for imparting gender sensitization and justice to prevent sexual harassment and gender discrimination in the campus.

Following the guidelines on the prevention and deterrence of sexual harassment in the workplace laid down by the Supreme Court of India in its 13th August 1997 judgment on the Writ Petition (Criminal) of Vishaka vs State of Rajasthan, the Gender Sensitization Committee Against Sexual Harassment was constituted in 2010. Thereafter, the Committee is reconstituted every year. The constitution of GSCASH Committee during reporting period constituted on 19th September 2016 is as under:

1. Dr. Vandana Sharma: Chairperson
2. Dr. Ekta Rai: (Faculty representative from women)
3. Dr. Kumud Ranjan Jha: (Faculty representative, men)
4. Ms. Tripti Saitu : (Woman officer)
5. Ms. Ritu Sharma: (Representative of woman staff)
6. Dr. Shafaq Rasool: (Warden Girls Hostel)
7. Dr. Sakshi Arora: (Warden Girl Hostel)
8. Mr. Keshav Kaushik: (Student representative)
9. Ms. K.S Hiranaya: (Student representative)
10. Dr. Kiran Bakshi: (An Eminent women academician from outside the university)
11. Prof. Sarla Kohli: (A member of NGO from outside university)

The GSCASH performs three major functions:

1. Gender Sensitization and Orientation,
2. Crisis Management and Mediation
3. Formal Enquiry and Redressal of Complaints.

Activities of GSCASH during the year 2016-17:

a. Constitution of Gender Champions

In compliance with the UGC office Memorandum dated 3rd June 2015, Gender Champions were formed in the University vide circular no. SMVDU/GSCASH/17/27-30 dated 11th January 2017. Fourteen Gender Champions have been assigned the responsibility of organizing various gender sensitization programmes in the University.

b. Special Lecture on Gender Sensitization at Workplace

Prof. Deepsheekha Kotwal, Head, Department of English, Central University of Jammu delivered special lecture on "Gender Sensitization at Workplace" on 25th October 2016 in the University.

c. Women's Day Celebration:

On the occasion of Women's Day, 8th March 2017, a Panel discussion was held on the topic "Can Gender Parity be accelerated".

d. Poster Making Competition

Poster Making Competition on the theme "Gender Sensitivity in University Campuses" held in the University on 21st August 2017. No. Of Complaints filed in GSCASH during 2013-2014
It is heartening to note that no case of sexual harassment was reported during the reporting period.

ENTREPRENEURSHIP DEVELOPMENT CELL

The level of economic growth of an economy finds its strong roots into the level, strength and intensity of the entrepreneurial activities on its soil. In order to sustain the entrepreneurial activities, there are requirements for the able support and promotion of emerging technological and knowledge-based innovative ventures that may imbibe the nurturing of ideas from professionals beyond the traditional/ conventional activities of the enterprises. The entrepreneurial ideas have to be fostered and developed in a conducive environment before they become attractive for the purpose of commercialization; besides a continuous technological and managerial support have to be provided.

In the above perspective, the SMVDU has established Entrepreneurship Development Cell, SMVDU. The academic institutions, which are leaders in developing human resources with some modulation and change in focus, could churn techno-entrepreneurs on a continuous basis, which accelerates the process of economic development and growth. On the same lines, EDC SMVDU in the campus, undertakes this role and blend technical inputs with entrepreneurial and managerial skills in academic programmes and train the students as well as youth of the state for entrepreneurial challenges through entrepreneurial awareness/motivation development program. It provides effective linkages with various departments of the campus to bring about entrepreneurial culture for optimal utilization of the expertise, resources and know-how available. It also networks with other agencies involved in entrepreneurship development and conducts short term courses, MDPs, FDPs, ESDPs, Business Plans Competitions, Entrepreneurship Awareness Programs/Camps etc. in association with various government and non-government bodies.

Major objectives of EDC, SMVDU includes to provide entrepreneurial training to the youth in the region; to promote rural and women entrepreneurship in the region; to provide rigorous training for entrepreneurial development in the courses being taught in different schools/ departments in the University and to make the unemployed youth of the region familiar about starting and running small and rural industry successfully.

Recent Activities

Following are the list of Events/activities conducted by Chief Coordinator, EDC-SMVDU related with Entrepreneurial Practices:

1. Organized Three-Day "Entrepreneurship Awareness Camp from 15th to 17th September, 2017 in the College of Management, SMVDU. (Participants were students of B. Arch; B.Tech. streams; MBA, M.Sc. of SMVDU)
2. Organized Two-Week duration 'National Faculty Development Programme on 'Entrepreneurship Development' Sponsored by DST-NIMAT Project, Gol from 12th December to 24th December 2016. (Participants were faculty members, research scholars from different other institutions as well as SMVDU).
3. Organized 'Entrepreneurship Skills Development Programme' (ESDP) in association with Micro, Small and Medium Enterprise Development Institute, Jammu from 7th October, 2016 to 21st November 2016 at Entrepreneurship Development Cell, Shri Mata Vaishno Devi University, Katra. (Participants were from different B. Arch; B.Tech., MBA, research scholars, etc. from SMVDU).
4. Organized workshop on "How to Write a Good Business Proposal?" in association with SMVDU-Technology Business Incubation Centre on Saturday 17th September 2016. (Participants were from different B. Tech., MBA, etc. from SMVDU).
5. Organized Two-Day National Management Development Programme (MDP) on 'Developing Individuals as an Instrument for Organization Excellence' from 10th - 11th September 2016. (Participants were middle level management employee from Industry, practitioner's faculty members, research scholars from different organization).
6. Organized One Day workshop on 'Fundamentals of Business Analytics' in April 2016. (Participants were from students of MBA, research scholars from SMVDU).
7. Organized 2nd National Level Business Plan Competition at SMVD University on 9th February 2016. (Participants were students of B. Arch; B.Tech. MBA, M.Sc. of SMVDU and other Universities and Institutions of J&K and other states).

DIRECTORATE OF QUALITY ASSURANCE

In accordance with the NAAC guidelines, Internal Quality Assurance Cell (IQAC) was reconstituted in SMVDU under the Chairmanship of Hon'ble Vice Chancellor vide SMVDU/A&R/15/0651 dated 16th July 2015. In pursuance of the minutes of the 26th Executive Council meeting of SMVDU held on 10th April 2017, the nomenclature of the Internal Quality Assurance Cell (IQAC) was changed to Directorate of Quality Assurance (DQA) vide Notification SMVDU/ADM./ESTT./26th EC-ATR/17/3554-59 dated 17th July 2017.

To achieve the objectives for the establishment of Directorate of Quality Assurance, the following mechanism is in place. The responsibility for various sections/affairs has been distributed / decentralized and five sub-committees have been formed to take

care of these affairs:

Academic Affairs Committee: Conduct of online student feedback i.e Mid term student feedback after Minor-I examination and student feedback before Major examination, review of question papers by external experts, conduct of feedback from Alumni, conduct of workshop for review of curriculum. Following specific measures have been taken by the university to improve teaching, learning and evaluation:

1. Feedback of students has been forwarded to the concerned Faculty members. Faculty meetings are conducted to review the feedback of students and necessary measures are taken by Faculty members towards improvement in Quality of teaching.
2. Question papers reviewed by the external experts forwarded to the Head of the department/School for further necessary action. Reports of the same are discussed with the concerned Faculty members towards the improvement in quality of question papers.
3. University has introduced conduct of workshops in each Department/School for review of curriculum.
4. Strict adherence to Academic calendar so all the examinations are conducted as per the calendar and results are declared within a week on completion of examination.

Administrative Affairs Committee: Introduction of Single window system for student related matters like Issuance of certificates / Grade sheets etc., File processing etc.

Financial Affairs Committee: Prerequisites, checklist and time limit for process of various files/requests/claims like Travelling Allowance Reimbursement, Advance Travel Allowances, Travel Allowances for External Experts, Medical Reimbursement, Fee Refunds, Refund of Security Fees, Library Purchase Bills (for purchase of books & printed journals), Transport related Payment Bills, Withdrawal/Advances from Provident Fund, Payment of Works Bills, Purchase (Non-Project related Purchase), Research Projects.

Engineering Affairs Committee: Service Request form for Stakeholders/users has been designed and uploaded on the University website where in they can register their new complaints, reminder/recomplaint for the services i.e. Carpentry, Plumbing, Electrical, Civil, Others if related to Engineering section and give their suggestion/feedback for the different services through which Quality has been ensured.

Library Affairs Committee: Online forms for book requisition and for monitoring the performance of vendors have been designed. Regular meetings of these sub-committees of DQA are held (Bi-monthly). Main meeting of DQA is conducted annually where in details of all activities/progress etc. is discussed and

necessary decisions for further improvement are taken. Decisions taken in the main meeting of DQA are then forwarded to Academic / Executive council for approval.

Benchmarks for Individual Faculty members & Departments / School: Benchmarks for Individual Faculty members & Departments / School were notified vide SMVDU/IQAC/2017/239, 240 dated 20th January 2017 towards further (possible) improvement in the quality in teaching and research have been set and all faculty members are expected to work towards achieving the respective benchmarks. Review meeting of progress concerning benchmarks will be chaired by Hon'ble Vice Chancellor / Chairman DQA & review meetings will be held bi annually.

Quality Circles: Twenty Eight (28) no. of Quality Circles were formed for Academic Departments & Administrative Departments / Sections. These Quality Circles shall work towards achieving the relevant Benchmarks and shall come up with suggestions & measures for achieving the Benchmarks. The record of activities/meetings shall be maintained in each Department/Section. The meeting of the Quality Circle shall be conducted at least once in a month and the minutes of the meeting shall be forwarded to DQA for records and Submission of Status report to the Competent Authority by First Week of every month

Formation of Class Committees & HoD's report: In pursuance to the Minutes of the 25th meeting of Executive Council, Class Committees should be constituted in every department / school which shall regularly meet the concerned HoD for reviewing and discussing the feedback regarding those faculty members in whose teaching the students are facing problems. HoD's should sit randomly in classes of faculty members and submit their observations to the Vice Chancellor.

EQUAL OPPORTUNITY CELL

Equal Opportunity Cell was established in the University under the guidelines of UGC to facilitate the disadvantaged groups such as SCs, STs, women, OBC (non-creamy layer), minorities and physically challenged persons. The EOC has further appointed two coordinators - Coordinator Remedial Classes and Coordinator Coaching Classes.

Aims and Objectives

To oversee the effective implementation of policies and programs for disadvantaged groups, to provide guidance and counseling with respect to academic, financial, social and other matters and to enhance the diversity within the campus.

Functions

1. To ensure equity and equal opportunity to the community at large in the college and bring about social inclusion.
2. To enhance the diversity among the students, teaching and

non-teaching staff population and at the same time eliminate the perception of discrimination.

3. To create a socially congenial atmosphere for academic interaction and for the growth of healthy interpersonal relationships among the students coming from various social backgrounds.
4. To make efforts to sensitize the academic community regarding the problems associated with social exclusion as well as aspirations of the marginalized communities.
5. To help individuals or a group of students belonging to the disadvantaged section of society to contain the problems related to discrimination.
6. To look into the grievances of the weaker section of society and suggest amicable solution to their problems.
7. To disseminate the information related to schemes and programs for the welfare of the socially weaker section as well as notifications/memoranda, office orders of the Government, or other related agencies/organizations issued from time to time.
8. To prepare barrier free formalities/procedures for admission/registration of students belonging to the disadvantaged groups of society.
9. To establish coordination with the Government and other agencies/organizations to mobilize academic and financial resources to provide assistance to students of the disadvantaged groups.
10. To organize periodic meetings to monitor the progress of different schemes. 28
11. To adopt measures to ensure due share of utilization by SC/ST in admissions, recruitments (teaching and non-teaching posts) and to improve their performances.
12. To sensitize the college on the problems of SC/ST and other disadvantaged groups.

Initiatives

The EOC has taken all needed initiatives to offer remedial classes for weak students. Weak students are identified through screening test or on the basis of Minor-I examinations. They are offered remedial classes as per requirement. Several special sessions, career planning sessions were also conducted under the coaching classes/classes for entry into services.





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