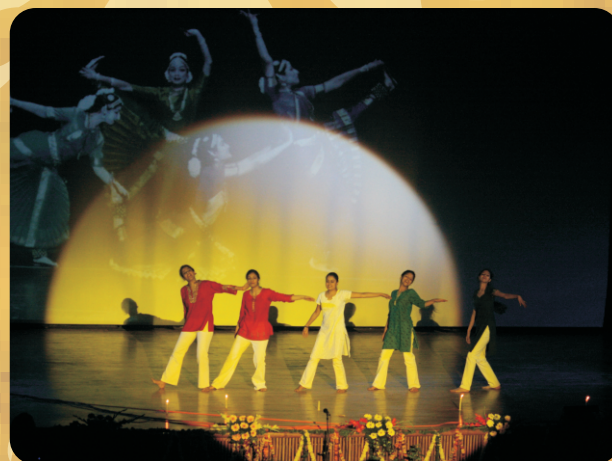


SMVDU IN PICTURES

All that we plan and all that we build
brings us all closer together...



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Compiation, Tabulation and Editing by Publication & Media Cell, SMVD University

EXECUTIVE SUMMARY



INTRODUCTION

Shri Mata Vaishno Devi University is an autonomous, fully residential and a highly technical University established by an act of J&K Legislature called 'Shri Mata Vaishno Devi University Act, Act No. XII, 1999. The University was established with a foundation grant and continuing support from Shri Mata Vaishno Devi Shrine Board, the managing body Shri Mata Vaishno Devi, one of the supreme shrines of North India. Cradled in the mountains in the divine Trikuta Hills and spreading over a campus of more than 400 acres, the University is situated 40 Kms North of Jammu near the Town Katra, District Reasi. In an auspicious beginning, the first lecture of the University was delivered by a teacher par excellence Dr. A P J Abdul Kalam himself in August 2004 and the first convocation of the University was addressed by another teacher at heart Dr. Manmohan Singh, the Hon'ble Prime Minister of India in April 2008.

The objectives of the University are to:

1. Provide education and training of excellent quality both at undergraduate and postgraduate levels.
2. Ensure that the University achieves and maintains an international standing in both teaching and research.
3. Promote study and research in new and emerging areas and encourage academic interaction of the faculty and students at national and international level.
4. Encourage close collaboration with industry and facilitate the application of research for commercial use and for the benefit of society.

Academic Programmes

Colleges, Schools, Cells & Centres

The University has four Colleges, fourteen Schools, four Cells and three Research Centres. Currently, the University is offering Ph.D in six disciplines, M.Tech in two disciplines, PG in seven disciplines, B.Tech in five disciplines and B.Architecture.

Admission

The intake of students has shown considerable progress since the establishment of university in 2004 till 2010. The student strength has reached 1345 (approx.) in the year 2010 in various undergraduate, postgraduate and ph.D courses. The admission to all Ph.D and PG courses is through written test and Interview and admission to B.Tech courses through Central Counselling process of AIEEE. In the year 2008, the University was allotted a full fledged Counseling Centre by Central Counseling Board (CCB) for admission in B.Tech/ B.Arch to facilitate students of J&K. Details of UG admissions by Admission I/C UG.

Faculty Positions

During the reporting year, 9 Professors, 34 Assistant Professors and 63 Lecturers have been working in different Schools of University.

Seminars/ Symposia/ Workshop/ Short Term Courses Conducted

During 2009-2010, 26 Seminars/ Symposia/ Workshop/ Short Term Courses were conducted by different Schools and Centres of the University. (Annexure-II).

Seminars/ Symposia/ Workshop/ Short Term Courses Attended by Faculty

During 2009-10, the Faculty members presented papers in 107 seminars/ symposia and workshop held in India and abroad. (Annexure-III).

Research Programmes

Doctoral Programmes

Fifteen Research Scholars registered for the Ph.D programme during the year. The total number of research scholars as on 30.04.2010 were 37.

Research Projects

During the year under report, 23 sponsored research projects were carried out under various stages of execution in the University Schools. (Annexure-IV).

Publications

The Faculty members published 115 research papers in reputed national and international journals during the year. (Annexure- V).

Finance

During the period, the UGC sanctioned Rs. 10.03 crores as one time grant to the university in the XI Plan. Out of the approved grant , Rs. 2.5 crores as General Development Grant and 1 crore under the Merged Schemes has been released to the University.

General Information

The Executive Council, Academic Council, the Finance Committee and the Planning Board met during the period under report as indicated below:

Executive Council	:	13th Meeting	06. 04.2009
		14th Meeting	26.09.2009
		15th Meeting	03. 05.2010
Academic Council	:	11th Meeting	09.09.2009
		12th Meeting	09.11.2009
		13th Meeting	20.04.2010
Finance Committee	:	7th Meeting	06.03.2009
		8th Meeting	24.09.2009
		9th Meeting	14.03.2010

University At a Glance

1	Location	Katra, Distt. Reasi, J&K	38 Kms North of Jammu, the winter capital of J&K
2	Year of Establishment	12 May, 1999	Established through an act of J&K State Legislature known as “Shri Mata Vaishno Devi University Act (Act no XII) 1999.
3	Date of Inauguration	19 August, 2004	H.E. Dr. A.P.J Abdul Kalam, former President of India delivered the First lecture to the First batch of students.
4	Total land area	470 acres	A mesmerizing valley symbolizing omniscience of Goddess with a view of the abode of Goddess Durga from each zone.
5	Zones	5 zones	Administrative Zone
			Academic Zone
			Residential Zone for Faculty, Staff, Girls Hostels & University Guest House.
			Residential Zone for boys
			Recreation Zone & Sports Complex
6	Infrastructure	Helipad	Three Helipads
		Auditorium	Matrika Auditorium with 1000 seating capacity. State of the art stage, audio & video projection system.
		Sanskriti Kaksh	A mini auditorium with 400 seating capacity.
		Seminar Rooms	Four specially designed Seminar Rooms with 200 seating capacity for special lectures, seminars & other interactive sessions.
7	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, Arth Anvesan, 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 against Sexual Harassment	Gender Sensitization and Orientation Crisis Management and Mediation Formal Enquiry and Redressal
8	Number of Colleges	Four	College of Engineering College of Humanities & Social Sciences College of Management College of Sciences
9	Number of Schools	Fourteen	School of Architecture & Landscape Design School of Bio Technology School of Biology & Chemistry School of Business School of Computer Science Engineering School of Economics School of Electronics & Communication Engineering School of Infrastructure Tech & Resource Mgt. School of Innovation & Community Development School of languages & Literature School of Mathematics School of Mechanical Engineering School Philosophy & Culture School of Physics
10	Total No. of Faculty Members	One hundred and six	
11	Courses Offered	Fifteen	B.Tech, M.Tech, M.A, M.Sc., Ph.D
12	Research Centres	Three	Centre of Bioinformatics Centre for Embedded Instrumentation & Networked Controls Research and Development Cell in the School of SALD
13	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

S.no.	Date	Event
1.	August 2010	MoU signed with IIM, Jammu
2.	March 2010	TCS Accredited the University for Campus recruitment of students
3.	Jan 2010	Prof. R.N.K Bamezai took over as 3 rd Vice Chancellor of University
4.	Dec 2009	Sanctioning of grant-in-aid under XI Plan by UGC of 10 crores (approx.) to the University
5.	Dec 2009	Inauguration of Central Library by H.E. Sh. N.N. Vohra, Governor J&K & Chancellor SMVD University
6.	Dec 2009	Inauguration of School of Architecture & Landscape Design by H.E. Sh. N.N. Vohra, Governor J&K & Chancellor SMVD University
7.	Nov 2009	Second Convocation addressed by Sh. N.R. Naraynan Murthy, Chairman Infosys
8.	June 2009	12(B) status accorded to University by University Grants Commission
9.	June 2009	Central Workshop Inaugurated by Jenab Omar Abdullah, Hon'ble Chief Minister, J&K
10.	April 2009	MoU signed with Thapar University, Patila
11.	March 2009	MoU signed with Kurukshetra University
12.	March 2009	Neelgiri Boys Hostel inaugurated by H.E. Sh. N.N. Vohra, Governor J&K
13.	Nov 2008	MoU signed with Prathista Industries Ltd. Hyderabad
14.	Oct 2008	Inauguration of New Academic Block by H.E. Sh. N.N.Vohra, Governor J&K & Chancellor SMVDU
15.	April 2008	First Convocation addressed by H n 'ble Prime Minister of India, Dr. Manamohan Singh
16.	March 2008	Inauguration of "MATRIKA" Auditorium by Lt Gen (Retd.) S.K.Sinha, PVSM, Former Governor of J&K
17.	Jan 2008	Inauguration of Vaishnavi hostel by Lt. Gen (Retd.) S.K.Sinha PVSM, Former Governor of J&K
18.	August 2007	MoU signed with State Forest Research Institute, Jammu & Kashmir for joint Research on Bamboo under the National Bamboo Mission
19.	August 2007	MoU signed with Micro, Small & Medium Enterprise (MSME) Development Institute Jammu to create Business Skill Development Program
20.	July 2007	MoU signed with Ruhr University, Bochum Germany
21.	March 2007	MoU signed with Kun Shan University Taiwan, Taiwan
22.	Dec 2006	MoU signed with Red Hat India Pvt. Ltd. Delhi to provide training to the students on latest version of open source operating system. The MOU also offers a free training to five faculty members for five days
23.	Oct 2006	Inauguration of Shivalik hostel by Gulchan Singh Charak, Former Minister for PWD J&K
24.	August 2006	Inauguration of New Administrative Block, 'Sanchalan Bhawan' by Lt Gen (Retd.) S.K.Sinha PVSM Former Governor of J&K
25.	May 2006	MoU signed with Orel State Technical University, Orel Russia
26.	June 2006	Council of Architecture approval to establish a School of Architecture & Landscape Design
27.	May 2006	A.I.C.T.E. approval for running all engineering courses (CSE ECE ME)
28.	May 2006	Passing out of the First batch students (2004 -2007)
29.	March 2006	Inauguration of College of Sciences by Jenab Ghulam Nabi Azad, Former Chief Minister J&K
30.	March 2006	Inauguration of Kailash Boys Hostel by Jenab Ghulam Nabi Azad, Former Chief Minister J&K
31.	August 2005	Inauguration of College of Philosophy Culture & Languages by Dr. Karan Languages by Dr. Karan Singh Member Raiya Sabha
32.	July 2005	Inauguration of Trikuta Hostel by Prof. N.K.Bansal, former Vice Chancellor SMVDU
33.	May 2005	Inauguration of College of Management by Former Gover or, Lt Gen (Retd.) S.K.Sinha, PVSM ,Former Governor of J&K.
34.	April 2005	MoU signed with Aachen University of Applied Sciences, Germany for Student and Faculty Exchange and Joint Research
35.	March 2005	MoU signed with Regional Research Laboratory, Jammu
36.	August 2005	MoU signed with TIT Delhi for Student and Faculty Exchange Programme and joint research
37.	2005	Adaptation of Academic Pattern of IIT's
38.	August 2004	Inauguration of College of Engineering by Dr. A.P.J Abdul Kalam , Former President of India
39.	August 2004	Inauguration of the University by Dr. A.P.J Abdul Kalam, Former President of India

Governing Bodies

Members of Executive Council of University

1	Sh. N.N.Vohra His Excellency The Governor, J&K & Chancellor, SMVD University	2	Prof. R.N.K. Bamezai Vice-Chancellor, SMVD University
3	Prof. Varun Sahni Vice-Chancellor, University of Jammu	4	Prof. Riyaz Punjabi Vice Chancellor, University of Kashmir
5	Dean of Students SMVD University	6	Prof. M.L. Garg Dean College of Engineering, Shri Mata Vaishno Devi University.
7	Dean College of Management, SMVD University	8	Prof. (Dr.) V.Verma Director School of Biotechnology, SMVD University
9	Director, School of Architecture & Landscape Design, SMVD University	10	Shri Rajendra. S. Pawar Chairman, NIIT Ltd., Plot No.85, Institutional Area, Sector-32 Gurgaon, Haryana.
11	Prof. Vinayshil Gautam Department of Management Studies, IV Floor, Vishwakarma Bhawan, IIT Delhi, Hauz Khas, New delhi	12	Sh. R.K.Goyal, IAS Chief Executive Officer, SMVDSB & Principal Secretary to HEG, J&K State
13	Prof. V.S. Raju (Member Invitee) Former Director, IIT Delhi, Honorary Advisor, Byrraju Foundation, Satyam, Hyderabad	14	Ms. Roop Avtar Kour, IFS Registrar, SMVD University



Members of Executive Council of SMVD University

Member of Academic Council of University

1	Prof. R.N.K.Bamezai Vice Chancellor, SMVD University	2	Prof. M. Balakrishnan Dept Computer Science & Engineering, IIT Delhi, Hauz Khas, New Delhi
3	Prof. G.S.Sambyal Ex-Registrar, University of Jammu, Jammu	4	Prof. Lalit Mangotra 478 Sec-C, Sanik Colony, Jammu
5	Prof.R.S.Misra Dean, College of Humanities & Social Sciences, SMVD University	6	Prof. M.L.Garg Dean, College of Engineering, SMVD University
7	Prof. V.Verma Dean, College of Sciences & Director SBT, SMVD University	8	Dean, College of Management SMVD University
9	Dean of Students SMVD University	10	Director, School Of Physics SMVD University
11	Prof. R.K.Abrol Director, School of Electronics & Communication Engineering, SMVD University	12	Director School Of Mechanical Engineering, SMVD University
13	Director School of Architecture & Landscape Design, SMVD University	14	Dr. V.K.Bhat Director, School Of Mathematics, SMVD University
15	Mr. Subrata Deb Librarian, SMVD University	16	Dr. Suparn Sharma Director I/c, School Of Business Economics, SMVD University
17	Dr. Sunil Giri Director I/c, School Of Business, SMVD University	18	Dr. (Ms.) Vandhana Sharma Director I/c, School Of Languages, SMVD University
19	Mr. Rakesh Sharma Director I/c, School of SITRM, SMVD University	20	Mrs. Roop Avtar Kour Registrar, SMVD University

The Finance Committee

The finance Committee is required to meet at least twice a year to examine the accounts and scrutinize the proposals for expenditure. The annual accounts and financial estimates of the University prepared by the Finance Officer are placed before the Finance Committee for consideration and comments and submitted to the Chancellor through the Executive Council for approval with or without amendments. The members of the Finance Committee are: -

1. Prof. R.N.K. Bamezai, Vice Chancellor, SMVD University, (Chairman).
2. Shri. R.K. Goyal, IAS, Chief Executive Officer, Shri Mata Vaishno Devi Shrine Board, Katra, Member (ex-officio).
3. Shri. Ravei Magotra, KAS, Director General Budget, Finance Deptt., J&K Govt., Member.
4. Dr. Mandeep Bhandari, IAS, Addl. Chief Executive Officer, Shri Mata Vaishno Devi Shrine Board, Member (ex-officio).
5. Shri. Rohit. K. Khajuria, Chief Accounts Officer, Shri Mata Vaishno Devi Shrine Board, Member (ex-officio).
6. Shri. S.K. Sadhotra, KAS, Finance Officer, Shri Mata Vaishno Devi University, Member-Secretary.

The Building & Works Committee

The Building & Works Committee has the following responsibilities

1. Formulation of draft plans for setting up and development of the campus of the University including site development, construction of buildings.
2. Selection of agencies for execution and supervision of works and render advice on technical matters relating to construction works of the University.
3. Be responsible for technical scrutiny, processing and acceptance of tenders.
4. Consider and approve any additional work which becomes essential at the rates consider reasonable and comparable with the market rates.
5. Perform such other functions in the matter of construction of buildings and development of land of the University as may be entrusted to it from time to time by the Executive Council.

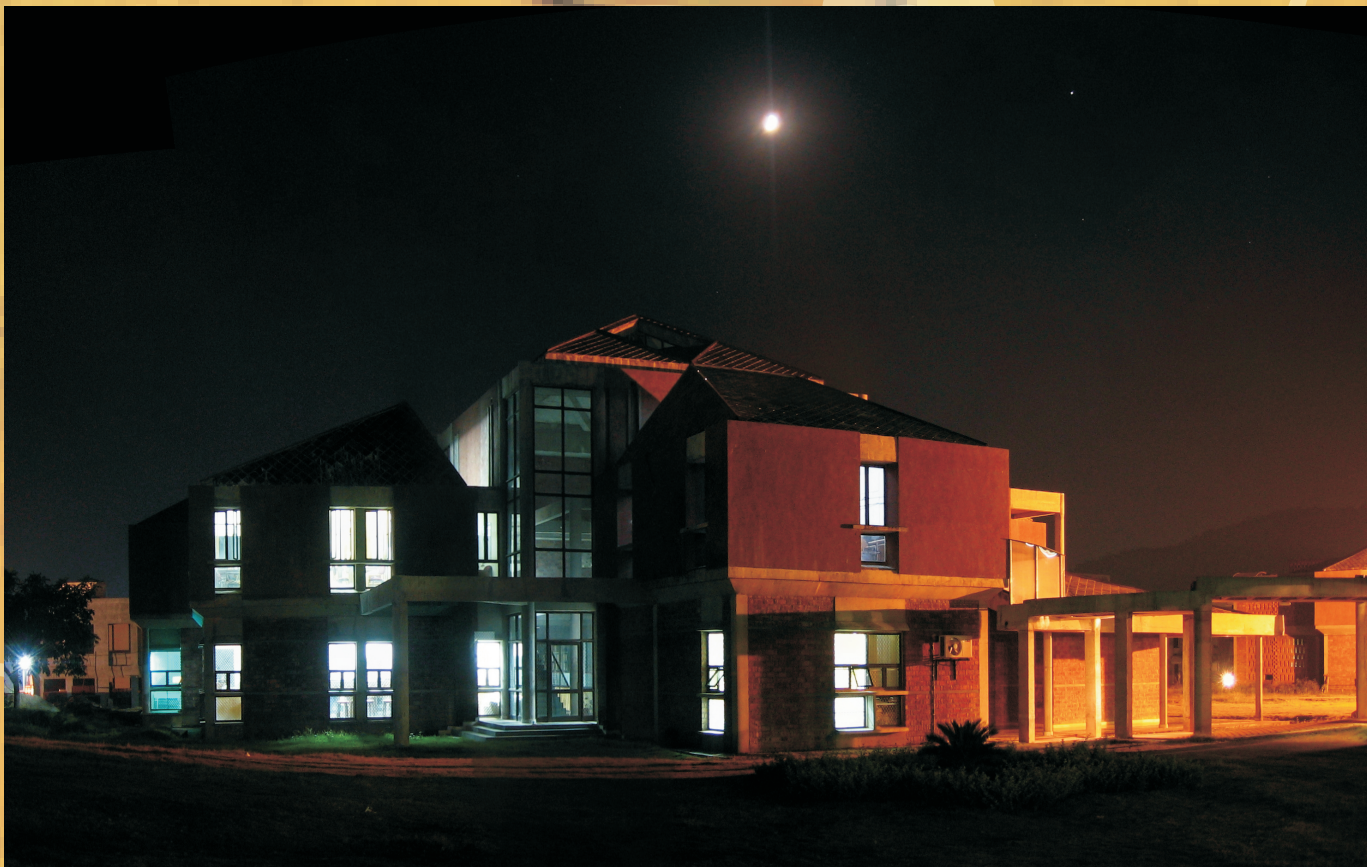
The Building & Works Committee consists of the following members:

1. Prof. R.N.K. Bamezai, Vice Chancellor, SMVD University, (Chairman).
2. Dr. Manddep Bhandari, IAS, Addl. Chief Executive Officer, Shri Mata Vaishno Devi Shrine Board.
3. Divisional Manager, Engineering Civil Wing, Shri Mata Vaishno Devi Shrine Board.
4. Prof. C.L. Razdhan, Director SALD, SMVD University.
5. Shri. S.K. Sadhotra, KAS, Finance Officer, Shri Mata Vaishno Devi University.
6. Mr. Kamal Sharma, University Engineer, Shri Mata Vaishno Devi University.
7. Mr. Ashok Sharma, Deputy, University Engineer, Shri Mata Vaishno Devi University.

The Board of Studies

The Boards of Studies for different colleges, consisting of experts from the respective fields from different parts of the country and some faculty members of the respective Schools, have been constituted. The BOS is responsible to give advice on different facets related to academics and research of the Schools.

COLLEGES & SCHOOLS



SCHOOL OF ARCHITECTURE & LANDSCAPE DESIGN



Courses Offered

B.Architecture

Faculty

S. No.	Name	Designation	Qualification
1.	Prof. C.L Razdan	Professor	B. Arch
2.	Dr. Amit Sharma	Assistant Professor	PhD
3.	Mr. V.K Dogra	Assistant Professor	M. Tech, B. Tech
4.	Ar. Ashwani Kumar	Senior Lecturer	M. Arch, B. Arch
5.	Ar. Abhiney Gupta	Lecturer	B. Arch, M. Arch (Pursuing)
6.	Ar. Arshia K Hazarika	Lecturer	B. Arch, M. Arch (Pursuing)
7.	Ar. Vikas Bhola	Lecturer	M. Arch, B. Arch
8.	Ar. Sumant Sharma	Lecturer	M.B.A (Real Estate), B. Arch
9.	Ar. Navin Gupta	Lecturer	B. Arch
10.	Ar. Abhimanyu Sharma	Lecturer	B. Arch, M. Arch (Pursuing)
11.	Ar. Anoop Sharma	Lecturer	B. Arch, M. Arch (Pursuing)
12.	Ms. Shweta Sharma	Art Instructor	B. Fine Arts

Publications of Faculty

1. Pushplata, Kumar Ashwani, "Mid rise Buildings in Hill Towns: A Problem or An Opportunity", Architecture + Design (A+D) July 2009 pp 90-96.
2. Kumar Ashwani, "Construction Defects in Building: Research and Remedies", Builders' Friend October 2009 Issue 435 pp 36-38.

Papers presented/workshop/short term courses attended by faculty

1. Thakur S.V, Dogra V.K, Kumar Ashwani, Hazarika Arshia K. Sharma Sumant, Sharma, attended a short term training course Wipro Mission 10x on " High Impact Teaching Skills" held at Shri Mata Vaishno Devi University Katra on 30th Nov. to 04th Dec 09.
2. Kumar Ashwani, Sharma Sumant, Sharma Anoop, "Role of Building Regulations for Energy Optimization in Hill Towns", presented paper in International conference on Advances in Renewable Energy ICARE 2010 held on June 24-26, 2010 at Department of Mechanical Engineering, MANIT Bhopal.
3. Sharma Sumant, School of Architecture & Landscape Design SMVDU, attended a short term course on green architecture and carbon free living from 18- 24 June-2009, organised by Departments of Architecture, IIT Kharagpur.
4. Thakur S.V, Hazarika Arshia K, Sharma Sumant, Sharma Anoop, attended advanced workshop Wipro Mission 10x on " High Impact Teaching Skills" held at Shri Mata Vaishno Devi University Katra on 16th - 17th March 2010.
5. Kumar Ashwani, Hazarika Arshia, Sharma Sumant, Sharma Abhimanyu & Sharma Anoop attended the course on Passive Solar Building Design from 7-11th June-2010 was organised by Departments of Architecture, mechanical & civil engineering- NIT Hamirpur (H.P).
6. An International Conference on Indo British Perspectives on Planning and Architecture Education at New Delhi was attended by Ar. Vikas Bhola at SPA New Delhi on 19th -20th Aug 2010.

Important Academic Activities:

- A. Students of Sem V visited Krimchi; a historic site with temples of 9th century. Students did the measurement and worked out details regarding the construction of old times.
- B. Students were guided to make a GEODESIC DOME in waste paper with a dia. of 2.6m and 1.45m height. The exercise was fruitful to convey minimum surface area with maximum contained volume to help huge areas to be covered.
- C. Students of Sem V visited the nearby site of Country Inn and Suits. As a case study to have an over view of a resort, they were explained by hoteliers the importance of catering to all needs under one roof while complementing the existing ambience of the place.
- D. Students of Sem IX have taken up an assignment of Neighborhood and Recreation Planning in Sidhra and its adjoining areas.
- E. Students of Sem V have made a visit to Mansar for the study of locating a tourist village. The students were apprised of the unsightly conditions of various structures, their placing and function. How to avoid ad-hoc planning was also made clear to them and how to complement the site was the major theme of the problem.
- F. Art Thesis by Sem VI, A lone man in contemplative moods.



Report of Study Trip to Chandigarh from 14th Jan 16th Jan' 2010

As part of the curriculum a common study trip to Chandigarh was arranged for Architecture students where students got the opportunity to visit and study the city planning of so called first modern planned city of Free India designed by world renowned Architect and Planner 'Le Corbusier'. The visit exposed students to the planning, division of urban functions, an anthropomorphic plan form, and a hierarchy of road and pedestrian networks, keeping in mind the futuristic growth.

After reaching Chandigarh students were introduced with the sector planning of the city and were further given immediate task to study the commercial pocket, ie sector 17 where they were briefed about the planning of the sector, distribution of various shopping facilities, eateries, and entertainments around the central square / square.

Students got the chance to see and experience the vast campus of Punjab University. They were divided into various groups and were told to study different buildings in terms of form, design and planning. These groups also studied architecture of few important buildings like Gandhi Bhawan, Central Library, Academic Blocks and Fine Art Gallery in detail. Such case studies, which are accompanied by the faculty, appeared more encouraging for students. After seeking permission from the principal of CCA, the students were made to visit

the college of Architecture designed by Le Corbusier where they studied the Architecture of the building in detail and photographed the complex with a prime motive of documentation.

It was followed by visit to the Rock Garden designed by Nek Chand. Students were briefed about the design, which is made by permutation and combination of waste materials, thus juxtaposing a design. Some of the students also got the chance to see Mr. Nek Chand. After touring Rock Garden the day ended with the evening around the beautiful artificial lake called 'Sukhna Lake'.

The third day started well with the case study of Sector-22, which is considered the oldest planned sector. The students were divided into groups and were told about 'Neighborhood Planning and Design'. Before going into detail they were told about the initial plan of Chandigarh, which had two phases: the first for a population of 150,000 and the second taking the total population to 500,000. Le Corbusier divided the city into units called "sectors", each representing a theoretically self-sufficient entity with space for living, working and leisure. The sectors were linked to each other by a road and path



network developed along the line of the 7 Vs, or a hierarchy of seven types of circulation patterns. At the highest point in this network was the V1, the highways connecting the city to others, and at the lowest were the V7s, the streets leading to individual houses. Later a V8 was added: cycle and pedestrian paths. The city plan is laid down in a grid pattern. The whole city has been divided into rectangular patterns, forming identical looking sectors, each sector measures 800 m x 1200 m. The sectors were to act as self-sufficient neighbourhoods, each with its own market, places of worship, schools and colleges - all within 10 minutes walking distance from within the sector. In the above context the students were also told about few regulations, which are followed in Chandigarh and were shown the site map, color coding followed and the distribution of various pockets like residential, commercial, green areas, etc. which they understood well after they conducted self- study of Sector 22. Such an exercise proved interesting and all the more very much learning for all the students.



After neighborhood study, it was important for the students to be familiar with some of the landmark buildings designed by Le Corbusier. The Assembly, the Secretariat and the High Court, all located in Sector-1 are the three monumental buildings designed by Le Corbusier in which he showcased his architectural genius to the maximum. Though we were not allowed to go inside the premises yet the students got the chance to relate to such gigantic structures. It continues to be an object of interest for architects and planners. After covering the Capitol Complex the students were taken for shopping to sector- 17.



SCHOOL OF BIOTECHNOLOGY



Courses Offered

B. Tech (Industrial Bio Technology)

M.Sc. (Bio Technology)

Faculty

S. No.	Name	Designation	Qualification
1	Prof. V. Verma	Prof. & Director	Ph. D
2	Dr. Sharada M. Potkuchi	Assistant Prof.	Ph. D, Post Doc.
3	Dr. Ratna Chandra	Assistant Prof.	Ph. D
4	Dr. S. Vaishnavi	Lecturer	Ph. D
5	Mr. Parvez S. Slathia	Lecturer	M. Sc., NET
6	Dr. Preeti Sharma	Lecturer	Ph. D
7	Dr. Anil Kumar	Lecturer	Ph. D, NET
8	Mr. Arvind Yadav	Lecturer	M.Tech
9	Dr. S. Rasool	Lecturer	Ph. D.
10	Dr. V.K. Rai	Lecturer	Ph. D, NET, Post Doc.
11	Dr. Indresh Kumar	Lecturer	Ph. D, Post Doc.
12	Dr. Indu Bushan	Associate Lecturer	Ph. D

Conferences /Workshops/Seminars Organized

1. One Day Seminar on Medicinal Plants & Herbal Products, School of Biotechnology, Shri Mata Vaishno Devi University, Kakryal, 25 Feb.2010.

Other Academic/Awareness Activities

1. DST-INSPIRE

Publications of Faculty

1. Kumar, J., Verma, V., Goyal, A., Shahi, A.K., Sparoo, R., Sangwan, R. S. and G.N. Qazi. 2009. Genetic diversity analysis in Cymbopogon species using DNA markers. Plant Omics Journal. 2(1): 20-29.
2. Ahmad, S. M., Hoot, S. B., Qazi, P. H. and Verma, V. 2009. Phylogenetic patterns and genetic diversity of Indian Tinospora species based on chloroplast sequence data and cytochrome P450 polymorphisms. Plant Sys. and Evolution. 256(1-4): 75-87.
3. Peerzada, K., Hussain, M.U., Jan, N., Verma, V., Qazi, G.N. and Andrabi, K. 2009. Functional cloning and predictive structural modelling of a novel esterase from Bacillus subtilis strain RRL1789. J. Gen. and Appl. Microbiology (JGAM) 55: 317-321.
4. Riyaz-ul-Hassan, S., Syed, S., Johri, S., Verma, V. and Qazi, G.N. 2009. Application of a multiplex PCR assay for the detection of Shigella, Escherichia coli and Shiga toxin-producing Esch. coli in milk. J. Dairy Res. 76: 188-194.
5. Akhoun, B.A., Gupta, S.K., Verma, V., Dhaliwal, G., Srivastava, M., Gupta, S.K. and Ahmad, R.F. 2010. In silico designing and optimization of anti-breast cancer antibody mimetic oligopeptide targeting HER-2 in women. J. Molecular Graphics and Modelling, 28: 664669.
6. Ahuja, A., Kaur, D. Sharada, M., Kumar, A. Suri, K.A. and Dutt, P. 2009. Glycowithanolide accumulation in in vitro shoot cultures of Indian Ginseng Withania somnifera Dunal. Natural Product Communications; 3: 1-4.
7. Gupta, A., Pal, S.K., Narayan J. and Potukuchi, S.M. 2009. InSilico structure prediction of P27^{SJ}, a novel protein in St. John's Wort, that suppresses expression of HIV-1 genome. Bioinformatics, 1(1): 47-51.

8. Singh, N., Potukuchi, S.M. and Shode, F.O. 2009. Evaluation of important triterpenes in field and in vitro plants of *Syzygium cordatum*. *Journal of Environmental Research and Development*, 3(3): 6-9.
9. Singh, B., Gupta, A. and Potukuchi, S.M. 2009. Comparative modeling and analysis of 3-D structure of Hsp 70, in *Cancer irroratus*. *Biological Forum An International Journal*, 1 (2): 1-4.
10. Yadav, L.D.S., Rai, V.K. and Yadav, B.S. 2009. The first ionic liquid-promoted one-pot diastereoselective synthesis of 2,5-diamino-/2-amino-5-mercapto-1,3-thiazin-4-ones using masked amino/mercapto acids. *Tetrahedron*, 65: 1306-1315.
11. Yadav, L.D.S., Singh, S. and Rai, V.K. 2009. A one pot [Bmim]OH mediated synthesis of 3-benzamidocoumarins. *Tetrahedron Lett.*, 50: 2208-2212.
12. Yadav, L.D.S. and Rai, V.K. 2009. The first regio- and diastereoselective direct introduction of α -mercaptoacetic acid/amide units into Morita-Baylis-Hillman acetates. *Tetrahedron Lett.*, 50: 2414-2418.
13. Yadav, L.D.S., Rai, V.K. and Singh, S. 2009. A novel one-pot stereoselective synthesis of N-protected α -amino acids from Morita-Baylis-Hillman acetates, *Synlett*, 1423-1428.
14. Yadav, L.D.S., Singh, S. and Rai, V.K. 2009. Novel catalyst-free, step and pot economic efficient mercaptoacetylative cyclisation in H_2O : synthesis of 3-mercaptocoumarins; *Green Chem.*, 11: 878-882.
15. Yadav, L.D.S., Rai, A., Rai, V.K. and Awasthi, C. 2009. The First $Cu(OTf)_2$ -catalyzed synthesis of structurally novel bicyclic 1,3-oxazines via condensation-dehydrazinative ring transformation cascades; *J. Chem. Res.*, 520-526.
16. Yadav, L.D.S., Singh, S., Rai, V. K. and Singh, P. 2010. Carbonyl Umpolung Reactivity of Enals: NHC-Catalyzed Synthesis of Aldol Products via Epoxide Ring-Opening; *Synlett* 140-146.
17. Yadav, L.D.S., Rai, V.K., Singh, S. and Singh, P. 2010. NHC-catalyzed efficient synthesis of β' -amino enones via carbonyl umpolung reaction of enals with aziridines; *Tetrahedron Lett.* 51: 1657-1662.
18. Kumar, B., Kumar, I. and Singh, R.P. 2009. Photodegradation of EPDM/MWCNT Nanocomposites: Effect of Singlet Oxygen. *Polymer Composites*, 855.
19. Kumar, I., Rana, S., Cho, J.W. and Rode, C. V. 2010. Synthesis of hybrid 1,2,3-triazolo- δ -lactams/lactones using intermolecular Huisgen [3+2] dipolar cycloaddition "click-chemistry" in water. *Tetrahedron: Asymmetry*, 21: 352-355.
20. Rana, S., Cho, J.W. and Kumar, I. 2010. Synthesis and Characterization of Polyurethane-Grafted Single-Walled Carbon Nanotubes via Click Chemistry. *Journal of Nanoscience and Nanotechnology*, 10: 5700-5707.

Papers Presented/Workshop/Short term Courses Attended by Faculty

1. Verma, V., "Genetic polymorphism in *Trichoderma* species". Proceedings of 50th Annual Conference of Association of Microbiologists of India (AMI-2009) NCL, Pune, 15-18 Dec. 2009: pp231-234.
2. Gupta, A., Narayan, J. and Potukuchi, S. M., "Three Dimensional Structure Modelling and Analysis of Ribulose 1,5 Bisphosphate Carboxylase of *Hypericum perforatum*". The Eighth Asia Pacific Bioinformatics Conference (APBC 2010), Indian Institute of Science (IISc), Bangalore, Karnataka, 18-21 Jan. 2010: Poster ID 9.
3. Singh, B., Potukuchi, S.M. and Namdeo, "R. Comparative modelling of 3-D structure for Hemagglutinin (Influenza A) and InSilico drug designing for H1N1 Influenza (2009) and toxicity check" International Colloquium on Biotechnology, Department of Biotechnology, DAV College, Jalandhar; 27-28 Nov. 2009: pp. 113.
4. Trisal, S., Magotra, A and Potukuchi, S.M., "Carbon sequestration - A method to combat global warming and climate change". International Colloquium on Biotechnology, Department of Biotechnology, DAV College, Jalandhar; 27-28 Nov. 2009: pp. 117.
5. Slathia, P.S., Mahajan, D., Gupta, S. and Sharma, P. "Ethanol production from *Typha latifolia* using SSF". National conference on Emerging Paradigms in Biochemical Engineering. Banaras Hindu University, Banaras; Oct. 2009.

6. Slathia, P.S., Mahajan, D., Gupta, S. and Sharma, P. "SSF for ethanol production from Saccharum munja." International Conference on Emerging trends in Biotechnology. Banaras Hindu University, Banaras; Dec. 2009.
7. Slathia, P.S., Mahajan, D., Gupta, S. and Sharma, P. "Ethanol production from Saccharum munja using simultaneous saccharification and fermentation." The Third BioMicroWorld Conference. Lisbon, Portugal; Dec. 2009. (Published online).
8. Sharma, P., Somal, P., Kahjuria, R.K., Mehta, P. and Slathia, P.S. "Production of 17 ketosteroids using Nocardia sp". The Third BioMicroWorld Conference. Lisbon, Portugal; Dec. 2009. (Published online).
9. Slathia, P.S., Chandan R, Kumar T, Sharma, P. and Verma, V. "Jaiv Oorja: A biofuels Database." The Eighth Asia Pacific Bioinformatics Conference (APBC 2010), Indian Institute of Science (IISc), Bangalore, Karnataka, Jan. 2010.
10. Kumar A., Kapoor K.K. "A mild and efficient method for the regioselective epoxide ring opening." 11th International Conference of the International Academy of Physical Sciences, Institute of Interdisciplinary Studies, University of Allahabad, Allahabad; 20-22, Feb. 2010.
11. Rai, V.K., Yadav, A. K., Singh, S., Singh, P., Yadav, "L.D.S. N-Heterocyclic Carbene-Catalyzed Efficient Synthesis of Functionalized Enones," In 5th JK Science Congress, University of Jammu, Jammu; 8-10 Feb, 2010.
12. Singh, S., Singh, P., Rai, V. K., Yadav, L.D.S. "Novel Synthesis of β -Amino Enones via organocatalytic ring opening of aziridines", CONIAPS, University of Allahabad, Allahabad, U.P.; 18-20 Feb, 2010.
13. Kumar, I., Rana, S., Cho, J.W. and Rode, C.V. "Click chemistry" as a tool for the functionalization of CNTs." National Conference on Nanomaterials and Nanotechnology (NCNN-2010), Visvesvaraya National Institute of Technology (VNIT), Nagpur, 18-20 Jan. 2010.

Research Projects

S. No.	Title of project	Funded by	Duration	Grant amount
1	Establishment of Bioinformatics Infrastructure (BIF) for the promotion of Biology Teaching through Bioinformatics	Apex Bioinformatics Centre, Dept. of Biotechnology, New Delhi	2007-2012	Rs. 5.69 Lakhs
2	Establishment of "Herbal Garden-Trikuta Hills" at SMVD University	National Medicinal Plants Board, Ministry of Health & Family Welfare, Govt. of India, New Delhi	2007-2010	Rs. 10 Lakhs
3	Fermentative Production of Lactic acid from Mahua flowers	Tribal Cooperative Marketing Development Federation of India (TRIFED), Govt. of India, New Delhi	2009-2010	Rs. 14.49 Lakhs
4	DNA fingerprinting of selected medicinal plants	Dabur India Ltd., New Delhi	2009-2010	Rs. 5.1 Lakhs
5	Exploring Myxobacteria from the state of J&K for novel enzymes and secondary metabolites	Department of Science and technology, Govt. of India	2010-2013	20.4 Lakhs

Academic Achievements/Lectures/Talks Delivered By Faculty

1. Verma, V. "Nutraceuticals, let food be your medicine." National seminar on Recent Advances in Pharmaceutical Education and Research held at University of Kashmir, Srinagar, July 15-16, 2009.
2. Verma, V. "Genetic polymorphism in Trichoderma species." 50th Conference of Association of Microbiologists of India (AMI-2009) NCL Pune, Dec.15-18, 2009.
3. Verma, V. "Nutraceuticals let food be your medicine." 5th J&K congress, University of Jammu, Jammu, Feb. 8-11, 2010.

4. Potukuchi, S.M. "Plant Tissue Culture." UGC sponsored Lecture Series at Department of Biotechnology, DAV College, Jalandhar, Punjab; 12 Sept. 2009.
5. Potukuchi, S.M., Dubey, S., Ahmed, I., Sharma, M. and Ahuja, A. Modulation of plant metabolite production through elicitation: production of bacosides from *Bacopa monnieri*. International Colloquium on Biotechnology, Department of Biotechnology, DAV College, Jalandhar; from 27-28 Nov. 2009: pp. 16-21.
6. Vaishnavi, S., Devarumath, R.M. and Raina, S.N. Applicability of DNA markers in elucidating ancestors of allotetraploid *Aconitum balfourii*. 5th J&K Science Congress, University of Jammu, Jammu; 8-10 Feb., 2010.
7. Sharma, P. and Slathia, P.S. Water: a natural resource for sustainable development and its role in women community. One day seminar on Women -a Natural resource management and their livelihood, PG Department of Home Science (CRM&E) Govt. College for Women, Parade, Jammu; sponsored by ICSSR North West Zone, Chandigarh; 13 Feb. 2010.
8. Kumar, I., Rana, S., Cho, J.W. and Rode, C.V., Click chemistry as a tool for the functionalization of CNTs at National Conference on Nanomaterials and Nanotechnology (NCNN-2010), Visvesvaraya National Institute of Technology (VNIT), Nagpur; 18-20 Jan. 2010.

Awards

1. Verma, V. Awarded Fellowship of the Academy of Microbiologists of India by the Association of Microbiologists of India at the 50th Annual Conference of the Association (AMI-2009) at NCL, Pune; Dec.15-18, 2009.
2. Potukuchi, S.M. IInd Prize for Poster Presentation at: UGC sponsored National Seminar on Scaling New Zeniths in Biosciences, Jalandhar, India; Nov. 26, 2009.
3. Rai, V.K. Young Scientist Award of 2010 in Chemistry by the 5th J K Science Congress, India; Feb. 10, 2010.
4. Kumar I. Best Oral presentation award at National Conference on Nanomaterials and Nanotechnology (NCNN-2010), Visvesvaraya National Institute of Technology VNIT-Nagpur; Jan. 18-20, 2010.

SCHOOL OF COMPUTER SCIENCE & ENGINEERING



Courses Offered

B. Tech in Computer Science & Engineering

Faculty

S.No.	Name	Designation	Qualification
1	Dr. M. L. Garg	Professor	PhD
2	Mr. Ajay Koul	Asstt. Professor	PhD (pursuing), M.Tech
3	Dr. Neeraj Nehra	Asstt. Professor	PhD
4	Mr. Manoj Kumar	Asstt. Professor	M.Tech
5	Ms. Sonika Gupta	Lecturer	M.C.M., M.C.A.
6	Ms. Sunanda	Lecturer	PhD (pursuing), M.C.A.
7	Ms. Sakshi Arora	Lecturer	PhD (pursuing), M.C.A.
8	Mr. Naveen Gondhi	Lecturer	PhD (pursuing), M.Tech
9	Ms. Pooja Sharma	Lecturer	M.Tech
10	Mr. Sanjay Kr. Sharma	Lecturer	PhD (pursuing), M.Tech
11	Mr. Deo Prakash	Lecturer	

Conferences /Workshops/Seminars Organized

1. A workshop on “Cloud Computing” was organized for the faculty & students of Comp. Sc. & Engg. in Nov. 2009. The resource persons were from EMC².

Other Academic/Awareness Activities

1. Anand Dev, Jammu University, Jammu delivered a talk on “Simulation and its applications” to the faculty of Comp. Sc. & Engg. on 8th April 2010.
2. Mr. Naveen Gondhi acted as coordinator for celebrations of Software freedom day, a worldwide initiative for open source technology.

Publications of Faculty

1. Koul Ajay, Patel R. B., Bhatt V. K., “Double Split based Secure Multipath Routing in Ad hoc Networks”, in IEEE Explore Journal, pp 835-839, DOI 10.1109/ARTCom.2009.77{IEEE CS Press, CA, USA}.
2. Koul Ajay, Patel R. B., Bhatt V. K., “Distance and Frequency Based Route Stability Estimation in Mobile Adhoc Networks”, appear in Journal of Emerging Technologies in Web Intelligence (JETWI) (Special Issue: Emerging Technologies in Internet Security and Networks), Academy Publisher, Finland, 2(2), May 2010 {in Press}.
3. Kumar Neeraj, Patel R. B, “A QoS aware Framework to support Minimum Energy Data Aggregation and Routing in Wireless Sensor Networks”, International Journal of Advanced Pervasive and Ubiquitous computing, 2009, Vol. 1, issue 4, pp. 91-106.
4. Kumar Neeraj, Kumar Manoj, Patel R. B, “Optimized Bandwidth Utilization for Real Time Applications in Wireless Sensor Networks”, International Journal of Computer Applications 1(6):98103, February 2010. Published By Foundation of Computer Science.
5. Kumar Neeraj, Kumar Manoj, Patel R. B, “Coverage and Connectivity Aware Neural Network Based Energy Efficient Routing in Wireless Sensor Networks”, International Journal on Applications of Graph Theory in adhoc networks and sensor networks, Vol. 2, Issue 1, pp. 45-60, 2010.
6. Kumar Neeraj, Kumar Manoj, Patel R. B, “Secure and Energy Efficient Data Dissemination protocol in Wireless Sensor Networks”, accepted in international journal of network security, 2010.

7. Kumar Neeraj, Kumar Manoj, Patel R. B, "Neural Network Based Clustering and routing in wireless sensor network", in proceedings of 1st IEEE International conference on network and communications (NetCoM 2009), pp. 34-39 (IEEE CS Press).
8. Kumar Neeraj, Kumar Dinesh, "Secure Multicasting in wireless Adhoc networks", in proceeding of 5th IEEE international conference on wireless communication and sensor networks, 15-19 Dec., 2009, IIIT Allahabad(India), 145-149, 2009. (IEEE CS press).
9. Kumar Anoop, Kumar Neeraj, "Latency Aware Real Time Cryptographic Communication Model for MANET", Accepted for publication in IEEE Tech Symp. 2010, 3-4 April 2010, IIT Kharagpur, India.
10. Sunanda and Garg.M.L "An Improved Genetic Algorithm Based on Adaptive Repair Operator for Solving the Knapsack Problem" Journal of Computer Science 5(8) : 544-547,2009.
11. Sunanda and Garg.M.L "GA Implementation of the Multi Dimensional Knapsack Problem using Compressed Binary Tries", Advances in Computational Research (ISSN: 0975 3273), 43-46,2009.
12. Arora Sakshi, Garg.M.L, "New Hybrid Evolutionary Algorithm for Solving the Bounded Diameter Minimum Spanning Tree Problem", *Advances in computational research*, ISSN 0975-3273, pg 50-53, 2009.
13. Gondhi Naveen, "Quality of Service in Mobile Adhoc Networks" at "Recent advances and future trends in IT (RAFIT 2009)", Punjabi University, Patiala.
14. Gondhi Naveen, "An Intelligent Sytem for assessment of Land Price" at ICOREM 09 International Conference on Operations Research ", Anna University, Trichy (Tamil Nadu).

Papers Presented/Workshop/Short term Courses Attended by Faculty

1. Manoj Kumar attended AICTE sponsored staff development program on "Wireless & Wimax Issues" from Jul 05, 2010 Jul 16, 2010 at Sant Longowal Institute of Engg. & Tech. (SLIET), Longowal, Punjab, India.
2. Koul Ajay presented a paper during the 5th JK State Science Congress at Jammu University 8-10 Feb, 2010.
3. Koul Ajay attended workshops on cloud computing at NIT Hamirpur in December 2009.
4. Koul Ajay participated as invited expert in "4th Regional Workshop of MeLT Project" a nationally coordinated project funded by MHRD, GOI at IIT Roorkee, on 13th Feb, 2010.
5. Koul Ajay participated as invited expert in "2nd Regional Workshop of MeLT Proejct" a nationally coordinated project funded by MHRD, GOI at Panjab University, Chandigarh on 2nd December, 2009.
6. Koul Ajay participated as invited expert in "Regional Workshop of MeLT Proejct" a nationally coordinated project funded by MHRD, GOI at Panjab University, Chandigarh on 15th October, 2009. Presented the results of NAS-I during this workshop.
7. Nehra Neeraj attended Summer School SENSUS 09 from 29th June-3rd July 2009 at Budapest University of Technology and Economics in Keszthely, Hungary.
8. Kumar Manoj attended MHRD/AICTE sponsored short term course on "Cloud Computing" (CC-09) from Dec 28, 2009 Jan 01, 2010 at National Institute of Technology, Hamirpur (Himachal Pradesh).
9. Gupta Sunanda presented a paper titled "GA Implementation of the MultiDimensional Knapsack Problem using Compressed Binary Tries" in UGC sponsored National Conference on Recent Trends in Information Technology RTIT (2009).
10. Gupta Sunanda presented a paper titled "Mobile Agent Based Approaches for Fault Tolerance" 2nd National Conference on Emerging Principles & Practices of Computer Science & Information Technology EPCSIT (2009).

11. Arora Sakshi presented a paper titled "New Hybrid Evolutionary Algorithm for Solving the Bounded Diameter Minimum Spanning Tree Problem" at UGC sponsored National conference on 'Recent trends in Information technology (RTIT 2009)", Sep, 2009, Bangalore.
12. Arora Sakshi presented a paper titled "Solving the bounded Diameter Minimum spanning tree" at 4th JK Science Congress, 'Recent trends in Information technology (RTIT 2009)", Feb, 2010, University of Jammu.
13. Arora Sakshi presented a paper titled "A mobile agent based intelligent immune Network Intrusion Detection architecture" at National Conference on "Emerging Principles and Practices of Computer Science and Information Technology (EPPCSIT 2009)", Sep 2009, Ludhiana.
14. Gondhi Naveen attended a workshop on "High Impact Teaching Skills" sponsored by Dale Carnegie & Associates, Inc. Trainer and WIPRO held on 30-11-09 to 04-12-2009 at Shri Mata Vaishno Devi University, Kakryal- Katra(J&K).
15. Sharma Pooja attended a workshop on "High Impact Teaching Skills" sponsored by Dale Carnegie & Associates, Inc. Trainer and WIPRO held on 30-11-09 to 04-12-2009 at Shri Mata Vaishno Devi University, Kakryal- Katra(J&K).
16. Sharma Sanjay Kr. attended MHRD/AICTE sponsored short term course on "Mobile Computing" at National Institute of Technology, Hamirpur (Himachal Pradesh) .
17. Sharma Sanjay Kr. attended a workshop on "High Impact Teaching Skills" sponsored by Dale Carnegie & Associates, Inc. Trainer and WIPRO held on 30-11-09 to 04-12-2009 at Shri Mata Vaishno Devi University, Kakryal- Katra(J&K).
18. Sharma Sanjay Kr.attended MHRD/AICTE sponsored short term course on "Cloud Computing" (CC-09) from Dec 28, 2009 Jan 01, 2010 at National Institute of Technology, Hamirpur (Himachal Pradesh).
19. Prakash Deo attended a workshop on "High Impact Teaching Skills" sponsored by Dale Carnegie & Associates, Inc. Trainer and WIPRO held on 30-11-09 to 04-12-2009 at Shri Mata Vaishno Devi University, Kakryal- Katra (J&K).
20. Prakash Deo attended MHRD/AICTE sponsored short term training programme on "Recent Trends in Digital Signal Processing(RTDSP-09)" held on 7th to 11th December-2009 at ABV-Indian Institute of Information Technology & Management (Gwalior).

Research Projects

1. Garg, M. L. is executing the UGC sponsored research project on 'Bipolar Logic Nets for reasoning" with a sanctioned amount of Rs. 1.15 lakh.
2. Koul Ajay is working on a Research project on Mobile E-Learning Terminal in collaboration with IIT Roorkee under the National Mission on Education through ICT. The project pilot cost is presently 50 lakhs.

Academic Achievements/Lectures/Talks Delivered By Faculty

1. Koul Ajay delivered a lecture on Digital Signatures delivered at Police Training Academy Udhampur to train KAS officers.
2. Koul Ajay was invited to act as session chair in "National Conference on Advances in manufacturing Techniques" November, 05-06, 2009, at SMVD University.
3. Nehra Neeraj delivered a key note lecture in "International Conference on Advances in Recent Technologies in Communication and Computing (ARTCom 2009)", Kottayam, Kerala 27-28 October 2009.
4. Nehra Neeraj was Technical co-chair for IEEE International conference on advances in Computer Engineering, ACES 2010, Bangalore (India), 20-21 June 2010.
5. Nehra Neeraj was Chaired a session in IEEE International Conference on Advances in Recent Technologies in Communication and Computing (ARTCom 2009), Kottayam, Kerala 27-28 October 2009.

6. Nehra Neeraj was member of technical program committee of International Conference on Computer and Network Technology (ICCNT 2009), July 24-26, 2009, Chennai. (India).
7. Nehra Neeraj was member of technical program committee of International Conference on advances in recent technologies in communication and computing, Artcom 27-28 Oct., 2009, <http://www.icartcom.com/>.
8. Nehra Neeraj was member of technical program committee of International conference on Ultra Modern Telecommunications (ICUMT09), 12-14 September 2009, St. Petersburg, Russia.
9. Nehra Neeraj was member of technical program committee of International Conference on Information Theory and Engineering (ICITE 2009), November 13-15, 2009, Kota Kinabalu, Malaysia.
10. Nehra Neeraj was member of technical program committee of 2nd International Conference on Electronic Computer Technology (ICECT 2010) Kuala Lumpur, Malaysia, May 7-10, 2010.
11. Nehra Neeraj was member of technical program committee of 2nd International Conference on Machine Learning and Computing (ICMLC 2010) Bangalore, India, February 9-11, 2010.
12. Prakash Deo delivered Expert Lectures as an invited speaker on the topic "Problems in Transition from IPv4 to IPv6" in CCNA Programme at Engineering College Bikaner (Rajasthan) on 9-10 June-2009.
13. Prakash Deo delivered Expert Lectures as an invited speaker on the topic "IPv6: The Next Generation Internet Protocol" for B.E. students at Engineering College Bikaner (Rajasthan) on 9-10 June-2009.
14. Prakash Deo delivered Expert Lectures as a Resource Person on the topic "Recent Trends in Mobile Ad Hoc Networks" at Department of computer Science & Engineering in D.S.I.T.M. Ghaziabad on 25 & 26 March-2010.
15. Gupta Sunanda won the best paper award at U.G.C sponsored national conference on Recent Trends in Information Technology.
16. Arora Sakshi won the best paper award at the UGC sponsored National conference on 'Recent trends in Information technology (RTIT 2009)', Sep, 2009, Bangalore.
17. Arora Sakshi won the best paper award at the 4th JK Science Congress, "Recent trends in Information technology (RTIT 2009)", Feb, 2010, University of Jammu.
18. Arora Sakshi delivered a lecture to the participants of two days course on "E-governance for DDOS" held at Police Academy, Udhampur.

SCHOOL OF ELECTRONICS & COMMUNICATION ENGINEERING



Courses Offered

- B. Tech in Electronics & Communication Engineering
- B. Tech in Electronics & Instrumental Engineering

Faculty

S.No.	Name	Designation	Qualification
1	Prof. R.K. Abrol	Professor	PhD
2	Dr. Vipin Kakkar	Asstt. Professor	PhD
3	Mr. Sumeet Gupta	Asstt. Professor	M.Tech
4	Mr. Amit Kumar	Asstt. Professor	M.Tech
5	Mr. Kumand Ranjan Jha	Asstt. Professor	M.E., AMIE
6	Mr. Shashi Bhushan Kotwal	Asstt. Professor	M.Tech
7	Mr. Munish Sabraj	Asstt. Professor	M.Tech
8	Mr. Ashish Suri	Asstt. Professor	M.Tech
9	Mr. Amit Kant Pandit	Lecturer	B.Tech, DAC
10	Mr. Ejaz Aslam Lodhi	Lecturer	M.Tech

Conferences /Workshops/Seminars Organized

1. Second National Biennial short-term course on 'MATLAB Applications in Electronics, Electrical & Computer Engineering' from 21st May-28th May, 2010.

Other Academic/Awareness Activities

1. The faculty of the school namely, Gupta Sumeet, Kotwal S.B. and Suri Ashish & Pandit Amit Kant conducted various sessions with groups of final year students in Feb/March , 2010 to prepare them for facing selection interviews.
2. Kakkar Vipin, Associate Professor delivered a talk on “Awareness about Working in Industry” to the final semester students of B.Tech & MBA programs on 12 March, 2010.
3. Suri Ashish Asstt.Prof. organized an educational visit of the 8th semester(E&CE) students to Power Grid Corporation of India, Ltd. Kishenpur, (J&K) on 23rd April, 2010, to make them aware about the various communication equipment/techniques being used by M/s Power Grid Corporation for Power-Line Communication & providing an Optical Backbone to all the Cellular Service Providers across J&K State.

Publications of Faculty

1. Kakkar Vipin, “Performance Analysis of Nanometer CMOS for RF Applications”, Journal of Circuits, Systems and Computers, World Scientific Publishing, Vol. 19, No. 4, 2010.
2. Kakkar Vipin, “Space Technology in the 21st Century”, International Journal of Engineering Science and Technology, Vol. 2, No. 4, April 2010.
3. Sabraj Manish, Kakkar Vipin, “Distribution Function Estimation of the Timing Jitter in Sample Rate Converter”, **International Journal of Engineering and Technology** Vol. 2, No. 2, April 2010.
4. Kakkar Vipin, “Low Power Architecture for Cochlear Implants”, International Journal of Engineering Science and Technology, Vol. 2, No. 2, Feb. 2010.
5. Kakkar Vipin, “ARM Based Architecture for Cochlear Aids”, Ubiquitous Computing and Communication Journal, Approved for publication, Vol. 4, No. 5, Dec. 2009.

6. Kakkar Vipin, "Architecture for Efficient Energy Meter", International Journal of Computer Science and Network Systems, Vol. 9, No. 11, Nov. 2009.
7. Kakkar Vipin, "Comparative Study of Analog and Digital Neural Networks", International Journal of Computer Science and Network Systems, Vol. 9, No. 7, July 2009.
8. Jha Kumud Ranjan and Singh Ghanshyam, "Dual-band Microstrip Rectangular Patch Antenna at Terahertz Frequency for Surveillance System," Journal of Computational Electronics/Springer, vol. 9, no. 1, pp. 31-41, 2010.
9. Jha Kumud Ranjan and Singh Ghanshyam, "Analysis and Design of Rectangular Microstrip Antenna on Two-layer substrate Materials at Terahertz Frequency," Journal of Computational Electronics/Springer, vol. 9, no. 2, June 2010 (To be published).
10. Jha Kumud Ranjan and Rai Manish, "A Slow Wave Structure and its Application in Band-Pass Filter Design," AEUE International Journal of Electronics and Communication/ Elsevier, vol. 64, no. 2, pp. 177-185, 2010.
11. Jha Kumud Ranjan and Rai Manish "Modification in Microstrip Low Pass Filter using Bulb Shape Patch" AEUE International Journal of Electronics and Communications/Elsevier, vol. 63, no. 12, pp. 1076-1079, 2009.
12. Garg Amit Kumar, Kaler R.S, "Integrated Contention Resolution & Control Algorithm (ICRCA) for Optical Burst Switched Networks", *International Journal of Fiber and Integrated Optics, Taylor and Francis*, Vol.28, No.5, pp. 366375, September 2009.
13. Garg Amit Kumar, Kaler R.S, "Comparison Analysis of Optical Burst Switched Network Architectures", *International Journal for Light and Electron Optics, Elsevier Science, In Press, Corrected Proof, Available online 5 July 2009*.
14. Garg Amit Kumar, Kaler R.S, "An Efficient Scheme for Optimizing Channel Utilization in OBS Networks", *International Journal for Light and Electron Optics, Elsevier Science, Vol. 121, No. 9, pp.793-799, May 2010*.
15. Garg Amit Kumar, Kaler R.S, "Burst Dropping Policies in Optical Burst Switched Network", *International Journal for Light and Electron Optics, Elsevier Science, In Press, Corrected Proof, Available online 23 May 2009*.
16. Garg Amit Kumar, Kaler R.S, "Hybrid Contention Resolution Schemes for Optical Burst Switched High-Speed Networks", International Journal of Interconnection Networks (JOIN), WorldSciNet, Vol.10, No.1/2, pp. 121132, March/June 2009.
17. Garg Amit Kumar, Kaler R.S, "A Novel Technique to Resolve Burst Contention in OBS Networks", International Journal of Electronics, Taylor & Francis, Vol.97, No.3, pp.295308, March 2010.
18. Garg Amit Kumar, Kaler R.S, "An Efficient Network Utilization Scheme for Optical Burst Switched Networks", Journal of Information Technology & Research, Vol.3, Issue2, pp.34-49, April-June 2010.
19. Garg Amit Kumar, Kaler R.S, "**A Novel Scheduling Algorithm for Optical Burst Switched Networks**", in *International Journal of Microwaves, Optoelectronics and Electromagnetic Applications, Vol. 8, No. 2*, pp.51-58, December 2009.
20. Garg Amit Kumar, Kaler R.S, "Performance Enhancement of Optical Burst Switched Networks", *Optik - International Journal for Light and Electron Optics, Elsevier Science, Vol. 121, No. 10*, pp.876-883, June 2010.
21. Ashish Suri "Security Issues in GSM & Its Flaws". Telecom Journal of BSNL, April, 2010.

Papers Presented/Workshop/Short term Courses Attended by Faculty

1. Sabraj Manish, Kakkar Vipan, Abrol R.K, "Spectrum Estimation of Signal from the Noisy Measurements using Window-Based and AR Model-Based Methods", International Conference on Engineering Innovations, Feb. 2010.
2. Sabraj Manish, Kakkar Vipan, Abrol R.K, "Spectrum Estimation using FFT", National Conference on Emerging Trends in Electronics Engineering and Computing, Feb. 2010.
3. Jha Kumud Ranjan and Singh Ghanshyam, "Analysis of Dielectric Permittivity and Losses of Two- layer Substrate Materials for Microstrip Antenna at THz Frequency," IEEE Int. Conf. on Advances in Recent Communication and computer, Kottayam, Kerala, India, Oct. 27-28, 2009, pp. 672-675.
4. Jha Kumud Ranjan and Singh Ghanshyam, "Improved Performance Analysis of Square Patch Microstrip Antenna at Terahertz Frequency" IEEE Int. Conf. on Advances in Recent Communication and computer, Kottayam, Kerala, India, Oct. 27-28, 2009, pp. 676-679.
5. Jha Kumud Ranjan and Singh Ghanshyam, "Microstrip Patch Antenna on Photonic Crystal Substrate at Terahertz Frequency," IEEE Int. Conf. on Advances in Electromagnetic Communication, , Kolkata, India, Dec. 14-16, 2009.
6. Jha Kumud Ranjan and Singh Ghanshyam, "Dual-Frequency Terahertz Rectangular Microstrip Patch Antenna," IEEE Int. Conf. on Advances in Electromagnetic Communication, Kolkata, India, Dec. 14-16, 2009.
7. Jha Kumud Ranjan and Singh Ghanshyam, "Design Consideration of Rectangular Microstrip Antenna on Two-layered Substrate at THz Frequency,"12th International Symposium on Microwave and Optical Technology, New Delhi, India, Dec. 16-19, 2009, pp. 950-954.
8. Jha Kumud Ranjan, Rao S.V.R.K, and Singh Ghanshyam, "Constructive Interference in Yagi Uda type Microstrip Terahertz Antenna on Photonic Crystal,"33rd IEEE Sarnoff Symp. Princeton, New Jersy, USA, 12-14 Apr. 2010.
9. Garg Amit Kumar, "Capacity Improvement Technique for Optical Switching Networks" International Conference on Computing: Update and Trends, February 6th, 2010 JIT, Ghaziabad.
10. Garg Amit Kumar, Kaler R.S, "Burst Dropping Techniques Supporting Differentiated Services for Optical Networks" National Conference on Recent Advances in Computational Techniques in Electrical Engineering (RACTEE-2010), SLIET, Longowal Sangrur (Punjab), 2010.
11. Gupta Sumeet, Verma Shekhar,Tomar G S, Abrol R.K,"Wireless Sensor Network based Industrial Monitoring & Diagnostic System", IEEE sponsored 1st International Conference on Computational Intelligence, Communication System & Networks, Indore July,2009.
12. S.B Kotwal, Nigam Suryansh, Verma Shekhar,R.K Abrol "Multi-hop Multi-anchor based Localization Algorithm for Wireless Sensor Network" in IEEE sponsored International Conference, WCSN 2009, Allahabad, 2009.
13. S.B Kotwa I, Nigam Suryansh, Verma Shekhar, Abrol R.K" Multi-hop Adaptive Iterative Localization for Wireless Sensor Networks" cicsyn, pp.149149-154, 2009 First International Conference on Computational Intelligence, Communication System & Networks.
14. Kotwal Shashi Bhushan, Assistant Prof. attended AICTE sponsored Faculty Training Programme on "Applied Econometrics for Management Research" at SMVD University Katra(J&K) from 10-23 July 2009.
15. Pandit Amit Kant, Lecturer attended AICTE sponsored Faculty Training Programme on "Applied Econometrics for Management Research" at SMVD University Katra (J&K) from 10-23 July 2009.

16. Suri Ashish attended two day workshop on “Research Issues in Modern VLSI Devices” at NIT Hamirpur (H.P) on 6-7th Nov, 2010.
17. Kotwal Shashi Bhushan, Assistant Prof. attended AICTE sponsored International Workshop on “Wireless Communication & Sensor Networks” WCSN-2009” at IIIT Allahabad from 15-17 Dec.2009.
18. Ranjan Jha Kumud, attended an International symposium on Microwave and Optical Technology, New Delhi, India on 16-19th Dec, 2010.
19. Sharma Dinesh and Singh Narrotam, Lab Assistants underwent a training program on “Repair & Maintenance of CRO & Function Generator” at NITTTR Chandigarh from 15-19th Feb.2010

Research Projects

1. A proposal submitted by Kakkar Vipin, Associate Prof. for setting-up a VLSI/Embedded System Research Lab to the Dept. of Science & Technology, Govt. of India in Sep, and 2009 was approved for funding of Rs.10 lakhs.
2. A proposal on providing “Power Back-up Infrastructure in SMVD University” at the cost of Rs.37 Lakh submitted by Dr.Vipin Kakkar, Associate Prof. to Dept. of Science & Technology, Govt. of India was approved.
3. Gupta Sumeet, Asstt.Prof. successfully completed a project titled ”Product Development using Wireless Networks” for M/s Spirax Marshall Pvt. Ltd., Pune worth Rs.2.10 lakh.
4. Project proposal worth Rs.8.0 Lakh submitted to UGC by Gupta Sumeet for establishment of “Instrument Maintenance Facility” in the School was approved.
5. Project proposal worth Rs.29.0 lakhs for establishing Centre for “Embedded Instrumentation & Networked Controls” submitted by Gupta Sumeet, Asstt.Prof to UGC was approved.
6. Jha Kumand Ranjan, Asstt Prof. submitted a research proposal on “Application of FSS in Satellite Antenna” to ISRO for funding of Rs.18 lakhs.

Academic Achievements/Lectures/Talks Delivered By Faculty

1. Kakkar Vipin Associate Prof. was appointed as member of Editorial Board for International Journal of Engineering Science and Technology, Nigeria, April 2010.
2. Kakkar Vipin Associate Prof. presented a feasibility report on “Use of Electric Vehicles at SMVDU”, March 2010.
3. Kakkar Vipin Associate Prof. was appointed Reviewer of IAENG Society of Electrical Engineering.
4. Kakkar Vipin Associate Prof. was appointed Reviewer of IAENG Society of Computer Science.
5. Garg Amit Kumar was appointed as Reviewer of the International Journal of Electronics published by Taylor & Francies in Sept.2009.
6. Garg Amit Kumar acted as Reviewer for the IEEE sponsored International Conference ICACT-2009-2010 held at Phoenix Park (Rep. of Korea) in Feb, 2010.
7. A Book titled “Optical Fiber Communication” written by Garg Amit Kumar Asstt.Prof was accepted for publication by M/s Tata McGraw Hill.
8. Suri Ashish, Assistant Prof reviewed a book titled “Digital Signal Processing” authored by Bhattacharya & Hayes & Published by Tata McGraw Hill in August, 2009.
9. Pandit Amit Kant was nominated as Technical Associate Member (Non-Executive) on the Board of Directors of M/s Walnut Technology Pvt. Ltd. Bangalore in April, 2010.

SCHOOL OF INFRASTRUCTURE & RESOURCE MANAGEMENT



Courses Offered

M. Tech

Ph.D. in Energy Management

Faculty

S.No.	Name	Designation	Qualification
1	Mr. Rakesh Sharma	Assistant Professor	M.Tech
2	Dr. S. K. Tyagi	Asstt. Professor	PhD
3	Mr. Sanjeev Anand	Lecturer	M.Tech

Other Academic/Awareness Activities

The school has demonstrated a unique multi purpose solar air dryer system which is energy efficient, low-cost and importantly adds zero-pollution to the environment. This system, fully designed and fabricated in-house at SMVDU, can be used for a variety of applications including room heating, water heating, cooking, crop & grain drying etc. The work has been carried out by a research team led by faculty members of SITRM and supported by research scholar Mr. Adarsh Pandey along with students of B. Tech. (Mech. Engg) namely, Bharat, Ramesh, Shanker & Vikas. The team gave a demonstration of the system to Prof. R. N. K. Bamezai, Hon'ble Vice Chancellor, SMVDU, who discussed the aspects of utilization and commercial application of this system in various sectors. Prof. Bamezai, while appreciating the innovation made by the students and faculty, exhorted the team to work on large scale, self sufficient, non-polluting technologies which help mankind in fulfilling its obligations towards the society and the environment.



Photographic View of the multi purposes solar ETC heating system

Besides, the faculty of SITRM along with M. Tech. (Energy Management) students has designed and fabricated a passive solar still for water distillation. It is producing around 5-6 liters of distilled water on average per day. Since, it is a passive system, so no input energy is being supplied and hence, it is completely a *Zero Energy System*.

- One of our Ph. D. students namely, Mr. Adarsh Kumar Pandey has been awarded the National Renewable Energy Fellowship by Ministry of New & Renewable Energy (MNRE) Government of India, a reputed and very competitive one for a period of 3 years to do Ph. D. in the field of Renewable Energy.

Publications of Faculty

1. Tyagi V.V, Kaushik S. C, Pandey A. K and Tyagi S. K, Experimental study of the supercooling and pH behavior of a typical phase change material for thermal energy storage, Indian Journal of Pure & Applied Physics (Accepted, 2010).
2. R, Tyagi V.V and Anand S, Second law based performance evaluation and parametric study of a sea water source cascade heat pump, Int. Journal of Exergy, Vol. 7(3) (2010) pp.369-386.
3. Tyagi S. K, Kim M.S, Park S. R and Anand S, Second law based performance of a modified VAC hybrid heat pump system using $\text{NH}_3\text{-H}_2\text{O}$ as the working fluid, Indian Journal of Pure & Applied Physics, Vol.48 (2010) pp.212-219.
4. Tyagi S. K, Optimum criteria based on different pressure ratios of an irreversible regenerative complex Brayton cycle, Int. Journal of Sustainable Energy, Vol. 29 (2010) pp.191-210.
5. Tyagi S. K, Tyagi V.V, Anand S, Chandra V, and Diwedi R.K, First and second law analyses of a typical solar dryer: A case study, Int. Journal of Sustainable Energy, Vol.29 (2010) pp.8-18.
6. Chandra V, Diwedi R.K, Anand S, and Tyagi S.K, Optimum utilization of renewable energy sources to control the visible plume from wet cooling towers, National Renewable Energy Conference, Nov. 5-7, 2009, Jodhpur, India.
7. R.C. Diwedi, Chandra V and Tyagi S.K, Energy and exergy analyses of a solar air dryer, National Renewable Energy Conference, Nov. 5-7, 2009, Jodhpur, India.
8. Anand S, Park S. R and Tyagi S. K., Second Law Analysis of a Hybrid Heat Pump System for Waste Heat Recovery, National Renewable Energy Conference, Nov. 5-7, 2009, Jodhpur, India.

Papers Presented/Workshop/Short term Courses Attended by Faculty

1. Course on Passive Solar Building Design during June 7-11, 2010, Deptt. of Mechanical, Civil and Architecture Engineering, National Institute of Technology, Hamirpur (HP) India.
2. Course of Energy & Environment Management during May 10-14, 2010, Deptt. of Mechanical, Civil and Architecture Engineering, National Institute of Technology, Hamirpur (HP) India.

Academic Achievements/Lectures/Talks Delivered By Faculty

1. Control of white fog (plume) from wet cooling towers in a commercial building in Hong Kong, "Solar Passive Buildings Design", Department of Mechanical, Civil and Architecture Engineering, National Institute of Technology, Hamirpur (HP) June 8, 2010, India by S. K Tyagi.

SCHOOL OF MECHANICAL ENGINEERING



Courses Offered

- M. Tech (Mechanical)
- M. Tech (Manufacturing and Automation)

Faculty

S.No.	Name	Designation	Qualification
1	Mr. Balbir Singh	Assistant Professor	M.Tech, Pursuing PhD
2	Mr. Rajesh Kumar Bhushan	Asstt. Professor	M.E., MBA, Pursuing PhD
3	Mr. Navdeep Malhotra	Asstt. Professor	PhD (Submitted), ME
4	Mr. Ankush Anand	Lecturer	B.Tech, PhD (Pursuing)
5	Mr. Yatheshth Anand	Lecturer	M.Tech
6	Mr. Sanjay Mohan	Lecturer	B.E., M.Tech Pursuing
7	Mr. Rajinder Kumar Shahu	Lecturer	M.E.
8	Mr. Manvinder Singh	Lecturer	M. Tech

Conferences/Seminars/Workshops Organized

1. National Conference on Advanced Manufacturing Techniques, Nov 5-6, 2009, organized by School of Mechanical Engineering, Shri Mata Vaishno Devi University, Katra.
2. National Conference on Recent Advances in Composites, March 12,13, 2010, Jointly organized by FRP institute, FIAAP, MSMEDI. KAFI, TIFAC at Hotel Taj Deccan, Hyderabad.

Other Academic/Awareness Activities

1. Industrial Visits for 4th, 6th and 8th Semester Students.

Publications of Faculty

1. Malhotra Navdeep and Hari Singh (2009), "Taguchi Approach for surface roughness optimization in EDM of En31 Die steel" Published in the e-proceeding of National Conference on Advanced Manufacturing Techniques, Nov 5-6, 2009, pp 102-107.
2. Sharma Ritesh, Singh Balbir, Malhotra Navdeep and Saini Abhijit (2009), "Study of TPM and its Applications in the industries" Published in the e-proceeding of National Conference on Advanced Manufacturing Techniques, Nov 5-6, 2009, pp 165-170.
3. Shahu R. K, Malhotra Navdeep, and Sanjay Mohan, "A Noval approach Data Management System in Industries" Published in the e-proceeding of National Conference on Advanced Manufacturing Techniques, Nov 5-6, 2009, pp 419-423.
4. Sharma Sanjay Mohan, Anand Yatheshth and Singh Aman deep , " Review of NIOSH Equation", National Conference on Advanced Manufacturing Techniques, SMVDU , Katra,2009
5. Sahu R.K. , Sharma Sanjay Mohan and Malhotra Navdeep , " Data Management Systems" , National Conference on Advanced Manufacturing Techniques , SMVDU , Katra,2009
6. Sharma Sanjay Mohan, Singh Balbir and Khan Iqbal Ahmad, "Study of the NIOSH Equation and its Application in Manual Load Lifting Jobs in Industries" All India Seminar on Ergonomics for Improved Productivity", Aligarh, 2009.

Paper Presented/Workshops/Short term Courses Attended by Faculty

1. Sharma Ritesh, Singh Balbir, Malhotra Navdeep & Saini Abhijit,, Study of Total Productive Maintenance and its applications in the industries. National Conference on Advanced Manufacturing Techniques (NCAMT-2009) SMVDU, Katra. 2009.
2. Kumar Sanjay, Singh Balbir. Study Of Niosh Equation And Its Application In Manual

Load Lifting Jobs In Industries All India Seminars on Ergonomics for Improved Productivity Aligarh Muslim University, Aligarh. 2009.

3. Singh Balbir, Kumar Sudhir and Kumar Jatinder. Study of Various challenges in Electro-Discharge Machining Process (EDM). National Conference on Emerging Trends in Computational Science and Engineering KEC, Ghaziabad. 2010.
4. Singh Balbir, Kumar Sudhir and Kumar Jatinder. A Review of Electro-Discharge Machining of Aluminium Metal Matrix Composite. 3rd International Conference on Advances in Mechanical Engineering, SVNIT.
5. Kumar Sudhir, Kumar Pradeep, Shan H.S, Rajesh Bhushan. "Parametric Optimization of Percent Deviation for Casting dimensions in VAEPC Process by Using Taguchi Technique". International Journal of Manufacturing Research. 4 2009. Pp.395-409
6. Kumar Bhushan Rajesh, Kumar Sudhir, and Das. S "An Investigation of Machinability of SiC Particle reinforced Al-MMC" International conference on Advances in Mechanical Engineering (ICAME 2009), N. I. T. Surat 2009.
7. Energy and Power Management, Shri Mata Vaishno Devi University, 01-06-09 to 04-06-09.
8. Advanced Engineering Optimization through Intelligent Techniques Institute, SVNIT, Surat, 13-07-09 to 17-07-09.
9. Micromachining, 20-07-09 to 25-07-09.
10. Anand Yatheshth, Finite Element Mesh Orientation, Vdm Verlag, Berlin, Germany, 2010.
11. Shahu R.K., Data Management System, NCAMT-2009, S.M.V.D.University, Katra, 5-7 Nov, 2009.

SCHOOL OF LANGUAGES & LITERATURE



Courses Offered

M.A English

PhD

Communication Skills (Compulsory Course in B. Tech.)

Indian Writings in English, Phonetics and Phonology (Elective Courses in B. Tech.)

Business Communication

S.No.	Name	Designation	Qualification
1	Dr. Vandhana Sharma	Assistant Professor	PhD
2	Dr. Garima Gupta	Lecturer	PhD
3	Mr. Amitabh Vikram Dwivedi	Lecturer	M.A. English, B.Ed., M.A. Linguistics
4	Dr. Neeru Sharma	Lecturer	PhD

Conferences/Seminars/Workshops Organized

1. Student Seminar on 21 May, 2010. All students of M.A English batch 2008-2010 presented papers in the Seminar.
2. Extension Lecture delivered by Prof. K.B Razdan on the topic: Post modernist Problematics: The Literary Sisyphus on 26 March , 2010

Other Academic/Awareness Activities

1. Sharma Vandhana, Coordinator Women's Day Celebration 8 March 2010.

Publications of Faculty

1. Sharma Vandhana, "Dichotomy between Illusion and Reality: Emergence of Soyinkan Hero in A Dance pf the Forests and Kongi's Harvest" Illuminatio: An International Journal of Literature and Language. Volume I 2010. pp 79-91.

Paper Presented/Workshops/Short term Courses Attended by Faculty

1. Sharma Vandhana, Attended Two-Day ELTAI Chapter Leadership Development Workshop supported by IATEFL & Hornby Trust UK at Delhi, 16-17 April, 2010.
2. Sharma Vandhana Participated in International MELUS MELOW Conference on Literature and Culture since 1980, Panjab University Chandigarh February 2010.
3. Sharma Vandhana, Attended General Orientation Course offered by Academic Staff College University of Jammu. December 5, 2009 - January 5, 2010
4. Sharma Vandhana, Presented a paper entitled: "I am the land, the land is me: Travails of peasants in Steinbeck's The Grapes of Wrath, Premchands's Godan and Pt. Ramnath Shastri's Baba Jitto" in a National Seminar on Literature of Farmland: 1850- 1950, BPS Mahila Vishvavidyala Sonipat. September 2009.
5. Gupta Garima, Attended, 5 days workshop on High Impact Teaching Skills organized by Mission 10X Wipro in collaboration with SMVD University, Katra, Dec 2009.
6. Gupta Garima, Participated in a two day workshop on Development of Self Learning Material organized by the Directorate of Distance Education, University of Jammu, Jammu, Feb 2010.
7. Gupta Garima, Participated and presented a paper entitled "a pair of stairs to marriage" in the 1st International Conference organized by Maharishi Dayanand University, Rohtak in collaboration with The Shakespeare Association, October 2009.
8. Gupta Garima, Participated and presented a paper entitled "Assaulting the Darkness: A Feminist Critique of Kiran Desai's The Inheritance of Loss, March 2010.

Academic Achievements/Lectures/Talks Delivered By Faculty

1. Sharma Vandhana, Resource Person in a One-day Workshop on Communication Skills at Model Institute of Engineering. & Technology Jammu, Conducted Two Sessions: 'Significance of Communication Skills' and Writing CV's & facing Interviews', May 2010.
2. Sharma Vandhana, Resource person in a One-Day Workshop on Innovations in English Language Teaching, Kalra College Udhampur, J&K January 2010.
3. Gupta Garima, delivered a talk on "Toru Dutt and Sarojini Naidu" in the National Seminar on "The Bengal Renaissance & The Indian English Writing", organized by DAV College for Girls, Yamuna Nagar, May 2010.

SCHOOL OF PHILOSOPHY & CULTURE



Courses Offered

M.A English

PhD

Communication Skills (Compulsory Course in B. Tech.)

Indian Writings in English, Phonetics and Phonology (Elective Courses in B. Tech.)

Business Communication

Faculty

S.No.	Name	Designation	Qualification
1	Prof. R. S. Misra	Professor	PhD
2	Dr. V. K. Tripathi	Assistant Professor	PhD
3	Dr. Anil K. Tewari	Lecturer	PhD
4	Dr. Sumanta S. Sharma	Lecturer	PhD
5	Dr. Hari Narayanan V	Lecturer	PhD

Conferences/Seminars/Workshops Organized

1. Panel Discussion on Interrelationship between Philosophy, Science & Culture on International Philosophy Day held on 28th November, 2009 at SMVDU.
2. Special Lecture on Kashmir Shaivism and Culture by Prof. Ved Kumari Ghai on Interrelationship between Philosophy, Science & Culture on International Philosophy Day held on 28th November, 2009 at SMVDU.
3. Special Lecture on Human Desire and Peace of Mind by H.H. Swami Atmanand on 30th April, 2010 at SMVDU.

Publications of Faculty

1. Tripathi V.K, Transformation of Man's Attitude towards Nature in Pursuit of Liberation. Human Freedom and Environment (Ed. Indoo P Khandoori), Kalpaz Publications, Delhi, 2010 (pp. 281-289).
2. Sharma S.S, Interpreting Squares of Opposition with the help of Diagrams. Book on the Square of Opposition, Peter Lang Publishing House (2010 forthcoming).
3. Sharma S.S, Categorical Syllogisms and their Validity with the help of Diagrams. Notes on Engineering Research and Development Vol. 2, No.1 pp. 27-29 IIT Kanpur (2009).
4. V Hari Narayanan, A Global Mind for the Global World (online publication) <http://www.articlesbase.com/spirituality-articles/a-global-mind-for-the-global-world-1299337.html>.

Paper Presented/Workshops/Short term Courses Attended by Faculty

1. Misra R.S, visited Akhil Bharatiya Darshan Parishad as Observer appointed by Indian Council of Philosophical Research, New Delhi, held from 6-8 November, 2009, University of Jammu.
2. Tripathi V.K, presented a paper titled 'Science as a Cultural Institution' in Panel Discussion on Interrelationship between Philosophy, Science & Culture on International Philosophy Day held on 28th November, 2009 at SMVDU.
3. Tripathi V.K, presented a paper titled 'Reason and Intuition: The Status of Indian Philosophy' in First Asian Philosophy Congress held from 6-9 March 2010 at JNU, New Delhi.
4. Tewari Anil K, presented a paper titled 'Interrelationship between Philosophy, Science and Culture' in Panel Discussion on International Philosophy Day held on 28th November, 2009 at SMVDU.

5. Tewari Anil K, presented a paper titled 'A Reflective Overview of God and Human Cloning' in the National Seminar on Meet the Philosopher: Dr. V.S. Rai, Govt. M.K.B. College for Women, Jabalpur, held from 5-6 February, 2010.
6. Tewari Anil K, presented a paper titled 'The Apoha Understanding of a Negative Expression' in First Asian Philosophy Congress held from 6-9 March 2010 at JNU, New Delhi.

Academic Achievements/Lectures/Talks Delivered By Facult

1. Tripathi V.K, delivered a special lecture on Existentialism on 16th April, 2010 in School of Languages, SMVDU.
2. Tripathi V.K, delivered a special lecture on Environmental Ethics: Indian Views on 26th April, 2010 in School of Biotechnology, SMVDU.
3. Tewari Anil K, delivered a talk during the Panel Discussion on Modern Education System: Crisis of Values and the Remedial Strategies held on 11th November, 2009 National Education Day, organized by Mind-meet Forum, SMVDU.
4. Tewari Anil K, appeared in Ph.D. defense seminar on 'On Being a Selfless Person: Study of Personal Identity in Buddhism' at IIT Kanpur, held on 3rd may, 2010.

SCHOOL OF BUSINESS



Courses Offered

M.B.A.

Faculty

S.No.	Name	Designation	Qualification
1	Dr. Sunil Giri	Asstt. Professor	PhD
2	Dr. Jyoti Sharma	Asstt. Professor	PhD
3	Dr. Sushil Mehta	Asstt. Professor	PhD
4	Dr. H. G. Mishra	Asstt. Professor	PhD
5	Mr. Sanjay Kumar Mishra	Lecturer	Mechanical Engg., MBA
6	Ms. Arti Devi	Lecturer	MBA, NET
7	Ms. Rashi Taggar	Lecturer	MBA, B.Ed., PhD Pursuing
8	Dr. Deepak Jain	Lecturer	PhD

Conferences/Seminars/Workshops organized

1. Three Days “Entrepreneurship Awareness Programme” w.e.f 19th to 21st Feb 2010 under Entrepreneurship Development Cell in association with SOBE.
2. One day Workshop on “Motivational Tools and Soft Skill Development” on 13.03.2010 under Entrepreneurship Development Cell in association with SOBE.

Other Academic/Awareness Activities

1. Industrial Visit to Intex Industries, Jammu on 26.02.2010 under Entrepreneurship Development Cell jointly with SOB.

Expert Talks during the Session 2009-10

S.No.	Name of the Expert	Area of Talk	Date of Talk
1	Mr. Vikas Shah, Chief Operating Officer, Water Health India Pvt. Ltd., Secundrabad	Scaling of an organization	15.02.2010
2	Mr. D.K.Bakshi, VP (HR), Indorama, Bankok	Road Map to Success	26.02.2010
3	Gunjan Raina, Country Head, Global Talent Consultant, New Delhi	Communication in Corporate	26.02.2010
4	Prof. B.B.Bhattacharya, VC, Jawaharlal Nehru University, Delhi	Financial Sector: Growth and Opportunities	05.03.2010
5	Ms. Mansi Gupta, Director, JD Institute of Fashion , Jammu	Women Entrepreneurs: Success and Construnts	08.03.2010
6	Smt. Shyamala Gopinath, Deputy Governor, RBI	Monetary and Fiscal Policy of RBI	13.03.2010
7	Mr. Arnab Roy, Regional Director, RBI, Jammu	Informal Iteration with the participants	13.03.2010
8	Mr. Harsh Kulshreshta, Banking onbudsman, North India, RBI	Informal Iteration with the participants	13.03.2010
9	Mr. Vivek Tyagi, HR Manager, Coke India	HR Practictices for Budding Entrepreneurs	26.03.2010
10	Mr. John Guria, Research Officer, RBI, Jammu	Financial Sector Growth and Analysis	26.03.2010
11	Mr. Sandeep Kumar, Manager, RBI, Jammu	Entrepreneurship and Banking Support System	26.03.2010
12	Dr. T.Prasad, Associate Professor, NITIE, Mumbai	Earning while learning through Entrepreneural Activities	29th & 30th March 2010

Publications of Faculty

1. Saurabh Rashi, Giri Sunil, Perception Towards the Use of Self Service Technology in The New Age Banks" Gyan Management, Vol.3, Issue July Dec 2009.
2. Sharma V, Giri S, "Pilgrim Tourism and Transportation- Opertuanities,Problems and Challenges", Indian Journal of Marketing Vol-11, Nov.2009.
3. Mehta Sushil, "Microfinance and Poverty Alleviation in India" in Gitam Journal of Management, Visakhapatnam, Apr-Jun 2009, P. 174-186.
4. Mehta Sushil, "State Bank of India vs. Unit Trust of India: A Comparison of Performance of Mutual Fund Schemes" in Indian Journal of Finance, New Delhi, February, 2010, P. 24-31.
5. Mehta Sushil, "Cost of Capital of India Inc." in Arth Anvesan, January, 2010, P. 10-18.
6. Mehta Sushil, "Does Capital Structure Affect Cost of Capital: Empirical Evidence from India Inc.?" in Apeejay Journal of Management and Technology, Jalandhar, Jan. 2010, P. 72-78.
7. Sharma Suparn, Sharma Jyoti, Devi, Arti (2009), "Corporate Social Responsibility: The key Role of Human Resource Management", Business Intelligence, Vol. 2, No. 1, PP., 205-213, UK.
8. Taggar R (2010), "E-Tourism: Changing the outlook of Consumers" E-Commerce: Issues, Perspectives and Challenges in the Indian context.

Paper Presented/Workshops/Short term Courses Attended by Faculty

1. Sharma, Jyoti attended Staff Development Programme Analytical Techniques for Research: Statistical Methods, Econometrics & Time Series Analysis from 1st December to 8th December 2009.
2. Sharma, Jyoti attended FTP on Applied Econometrics for Management Research during 10-23 July 2009 by SMVD University.
3. Mehta, Sushil " Women Empowerment: A Case Analysis of Saadhna Microfin Society" in International Conference on Microfinance in Department of Commerce, School of Management, Pondicherry University, Pondicherry on 22nd -24th January 2010.
4. Mehta, Sushil "Critical Evaluation of Jammu Theatre" in National Case Writing and Presentation Competition held on 19th Feb., 2010 in Bharti Vidyapeeth Univerrity, Institute of Management and Research, New Delhi.
5. Mehta, Sushil attended Faculty Training Programme on "Applied Econometrics for Management Research" organized by School of Economics, College of Management, SMVDU from July 10-23, 2009.
6. Taggar, Rashii attended workshop on "Applied Econometrics for Management Research", organized by SMVDU, 10-23 July 2010.
7. Taggar, Rashii attended Orientation course from 7 Dec 2009 to 4 Jan 2010 at University of Jammu.
8. Devi, Arti attended Faculty Training Programme on "Applied Econometrics for Management Research" at SMVDU, 10-23 July 2009.

Research Projects

1. Giri, Sunil is working on Research Project "Ethics in police and social change Bureau of Police Research and Development, New Delhi. Rs 369000/- .
2. Giri, Sunil, is working on Research Project "Quality Practices in Supply chain of Large Manufacturing Units in Jammu & Kashmir, AICTE, New Delhi Rs. 605000/-.
3. Sharma, Jyoti submitted One Major Research Project entitled Dynamics of Stress at Workplaces: An Empirical Study of J&K State sponsored by AICTE, New Delhi in 2010.
4. Mehta, Sushil is working on a Research Project entitled "Enterprising Jammu" funded by AICTE, N.Delhi, Rs. 7, 40,000, Dec 2008-Dec 2010.
5. Mehta, Sushil completed one Consultancy Assignment "Total Quality Management", Pehalwan Foodmalls, Jammu, Rs. 60,000, July 2009 Dec 2009.

Academic Achievements/Lectures/Talks Delivered By Faculty

1. Giri Sunil delivered a lecture on Technical & Commercial Aspect of Small Scale Industries in the EDC Awareness Programme on 20th Feb 2010.
2. Giri Sunil delivered a lecture on Research in Operations Logistics & Supply Chain field in the FTP organized by SOBE.
3. Kumar Sanjay Mishra delivered a lecture on Financial aspects of SSI units including Social features of a project report on 21.02.2010 in Entrepreneurship Awareness Programme.
4. Devi Arti delivered lecture on “Strategies for Survival in Pressure” during the workshop on 'Motivational Tools and Soft Skill Development' under EDC Cell at SMVD University on 13th March 2010.

School of Business Economics

Courses Offered

MBA(Business Economics)

Faculty

S.No.	Name	Designation	Qualification
1	Dr. Suparn Sharma	Direct, Asstt. Professor	PhD
2	Dr. Kakali Majumdar	Asstt. Professor	PhD, NET
3	Mr. Saurabh	Asstt. Professor	MBA, NET, CFSM
4	Dr. Ashotosh Vashishtha	Asstt. Professor	PhD, NET
5	Dr. Rooplal Sharma	Lecturer	PhD
6	Dr. Meenakshi Gupta	Lecturer	PhD
7	Dr. Pabitra Kumar Jena	Lecturer	M.A. (Eco), NET

Conferences/Seminars/Workshops Organized

1. Three Days “Entrepreneurship Awareness Programme” w.e.f 19th to 21st Feb 2010 under Entrepreneurship Development Cell in association with SOB.
2. One day Workshop on “Motivational Tools and Soft Skill Development” on 13.03.2010 under Entrepreneurship Development Cell in association with SOB.
3. Sharma Suparn Conducted 14 days *Faculty Training Programme* as Sole Programme coordinator on “Applied Econometrics for Management Research”, from 10th to 23rd July 2009.

Other Academic/Awareness Activities

1. Visit of Mr. Tejender Singh, Circle Operation Head, Bharti Infratel, J&K, in connection with the conduct of Guest Lecture to the students of MBA & MBA(BE) on the topic, “Dynamics of Infrastructure Business in Telecommunication Sector” on 18th August 2010.
2. Industrial Visit to Intex Industries, Jammu on 26.02.2010 under Entrepreneurship Development Cell.
3. The students of College of Management launched a Marketing Club named “MarketINE Market Information News and Events” on 31st August 2010.
4. Visit of Dr. Manoj Kumar, Assistant Professor, IIM Lucknow on 3rd September 2010. He delivered a talk to MBA & MBA(BE) 1st Semester students.
MBA students of College of Management have visited Chenab Textile Mills, Kathua on 4th September 2010.

Expert Talks during the Session 2009-10

S.No.	Name of the Expert	Area of Talk	Date of Talk
1	Mr. Vikas Shah, Chief Operating Officer, Water Health India Pvt. Ltd., Secundrabad	Scaling of an organization	15.02.2010
2	Mr. D.K.Bakshi, VP (HR), Indorama, Bankok	Road Map to Success	26.02.2010
3	Gunjan Raina, Country Head, Global Talent Consultant, New Delhi	Communication in Corporate	26.02.2010
4	Prof. B.B.Bhattacharya, VC, Jawaharlal Nehru University, Delhi	Financial Sector: Growth and Opportunities	05.03.2010
5	Ms. Mansi Gupta, Director, JD Institute of Fashion , Jammu	Women Entrepreneurs: Success and Construnts	08.03.2010
6	Smt. Shyamala Gopinath, Deputy Governor, RBI	Monetary and Fiscal Policy of RBI	13.03.2010
7	Mr. Arnab Roy, Regional Director, RBI, Jammu	Informal Iteration with the participants	13.03.2010
8	Mr. Harsh Kulshreshta, Banking onbudsman, North India, RBI	Informal Iteration with the participants	13.03.2010
9	Mr. Vivek Tyagi, HR Manager, Coke India	HR Practictices for Budding Entrepreneurs	26.03.2010
10	Mr. John Guria, Research Officer, RBI, Jammu	Financial Sector Growth and Analysis	26.03.2010
11	Mr. Sandeep Kumar, Manager, RBI, Jammu	Entrepreneurship and Banking Support System	26.03.2010
12	Dr. T.Prasad, Associate Professor, NITIE, Mumbai	Earning while learning through Entrepreneurial Activities	29th & 30th March 2010

Publications of Faculty

1. Mishra, Sanjay Kumar & Kumar, Manoj (2010), "The Impact of Level of Investors Involvement on the Investment Behaviour of Mutual Fund Investor: Insight from Literature", Acme.
2. Mishra, Sanjay Kumar & Kumar, Manoj (2010), "A Comprehensive Model on the Investors Knowledge of Investment Product", Management Vistas.
3. Firdours, Tanya & Mishra, Sanjay Kumar (2011), "Does Good Corporate Governance Help Corporate to Perform Better? An Insight from NSE Listed Company", in International Finance Conference, Indian Institute of Management Calcutta.
4. Sharma, Suparn & Jyoti (2009), "Sales and Advertisement Relationship for Selected Companies Operating in India: A Panel Data Analysis", School of Doctoral Studies Journal, July, UK, pp 83-96.
5. Sharma, Suparn, Jyoti and Devi, Arti (2009), "Corporate Social Responsibility: The Key Role of Human Resource Management", Business Intelligence Journal, Vol. 2(1), January, UK, pp. 205-213.
6. Jyoti & Sharma, Suparn (2009), "BPO Employees in India: A Discriminant Analysis Approach", ASBM Journal of Management, Bhubaneswar, Vol.2 (1), pp 19-33.
7. Saurabh, Giri Sunil, Singh Archana "A case for the entrepreneurial growth with technology and managerial support for the SME's in J&K" Journal of Instt.of Environment and Management, July 2010 pg.34-39.
8. Saurabh, Rashi Taggar, Giri Sunil, Singh Archana " Perception towards the use of self service technology in new age banks, Gyan Management, International Journal of management and technology, July-Dec 2009, pg 92.

9. Saurabh, Singh Archana, "Hopes and fears in the age of globalization" Journal of Contemporary Social Work, Lucknow University, July 2009.
10. Saurabh, Sunil Giri, S, Sharma S.K., "Driving Economic Development through Pilgrimage Tourism - a case of Shri Mata Vaishno Devi Shrine Board KATRA" International Journal of IMS Group, June 2009, pp. 98-104 (Listed in Cabell's Management Directory, USA).
11. Vashishtha, A. and Kumar, S. (2010), "Development of financial derivatives market in India: A case study", International Research Journal of Finance and Economics, Issue 37, Pp 15-37.
12. Vashishtha, A. and Kumar, S. (2010) "Determinants of Capital Structure: Empirical Evidence from BSE 500 Companies" Interdisciplinary Journal of Business Finance.
13. Gupta M and Sharma V, "Indian Dairy Sector Status and Policy Options", Indian Journal of Marketing, July 2009.
14. Gupta M and Sharma V, "Quality of work life A Study on bank employees of Jammu region, ACRM Journal, Sept 2009.
15. Gupta M and Sharma P, "Factors determining employee satisfaction A case study of public sectors Organizations in Jammu", Prabandhan, Nov. 2009.

Papers Presented/Workshops/Short term Courses Attended by Faculty

1. Dr. Jyoti Sharma attended a Short term training course at International Institute of Population Science, Mumbai from 13th Sept. to 17th Sept 2010, on Application of SPSS in Data Analysis.
2. Mishra, Sanjay Kumar & Kumar, Manoj (2010), "A Comprehensive model on the investment behaviour of mutual fund investors", paper presented in 4th International Doctoral Thesis Conference, 24th and 25th September, IBS Hyderabad.
3. Mishra, Sanjay Kumar & Kumar, Manoj (2010), "How MF investors' Subjective and Objective knowledge Impacts their Information Search and Processing Behaviour", paper presented in 4th International Doctoral Thesis Conference, 24th and 25th September, IBS Hyderabad, Hyderabad.
4. Tondon, Anil, Mishra, Sanjay Kumar & Singh Eroo (2010), "What Discriminates the Small Business Prospective Manager's Attitude towards Corporate Social Responsibility? An Insight from Psychological Variables", paper presented at International Conference on Management of MSME-2010, 17th and 18th September, Institute of Management Technology, Nagpur.
5. Sharma, Suparn and Sehgal, Shallu (2010), "Total and Partial Factor Productivity Measurement: A Study of Small Scale Industries", Annual Conference, The Indian Econometric Society, Jammu.
6. Sharma, Saurabh, "The Viability System Model for the Social and Knowledge based Organizations- a reference to Maharashtra Knowledge Corporation Limited" 14th Annual Convention of Strategic management Forum of India, IIM Lucknow, Noida Campus, May 2010.
7. Sharma, Saurabh, "Emerging Rural market in India" in National Seminar on Managing Business in Present Scenario, ABS Manesar, 15-16th November 2009.
8. Saurabh, AICTE sponsored QIP on "Value Chain Analysis" at BHU Varanasi from 5th February till 11th February.
9. Saurabh, AICTE sponsored "Management Teacher Program on Case Methods" organized by SMFI at IIM Lucknow, Noida Campus from 24th May 2010 till 26th May 2010.
10. Meenakshi, "Micro Finance for Women Empowerment A Case Study on Ellaqi Dehati Bank", 2nd International Conference organized by Apeejay, 12 June 2009.
11. Meenakshi, "Pilgrim satisfaction An empirical study", International center for cross-cultural research and human resource management organized by Jammu University, Feb 2010.
12. Meenakshi, "Tourist Destination management issues and challenges", Trans-Himalayan Tourism reconciling development and conservation organized by Jammu University, 5-6 March 2010.
13. Meenakshi, "Carrying Capacity & Tourist Area Life Cycle An Integral dimensions of destination management", Trans-Himalayan Tourism reconciling development and conservation organized by Jammu University, 5-6 March 2010.

14. Meenakshi, "Micro Finance A roadmap for women social and economic empowerment", Micro Finance Banking solution to poverty and low income trap organized by Baba Ghulam Shah Badshah University, Rajouri, 5-6 April 2010.
15. Saurabh attended Faculty Training Programme on "Applied Econometrics for Management Research", AICTE sponsored Faculty Training Programme (under SDP scheme) July 10-23, 2009, SMVDU.
16. Meenakshi attended Faculty Training Programme on "Applied Econometrics for Management Research", AICTE sponsored Faculty Training Programme (under SDP scheme) July 10-23, 2009, SMVDU.

Research Projects

1. Mr. Sanjay Kumar Mishra is working on a Major project titled "A Study on the Impact of CSR practices on SMEs performance in Jammu Province (J&K) by me as Co-Investigator and Dr. Hardeep Chahal, Reader, Department of Commerce, Jammu University as Principal Investigator funded by UGC for the amount Rs. 5,65,200/-.
2. Sharma, Suparn, completed a research project as a Project Director entitled, "Performance and Prospects of Small Scale Industries in the State of Jammu and Kashmir", of ICSSR, New Delhi.
3. Sharma, Suparn, completed a research project as a Co-Principal investigator entitled, "Dynamics of Stress at Workplaces: an Empirical Study of J & K State", of AICTE, New Delhi.
4. Sunil Giri, Saurabh, Rashi Taggar is working on a Project "Quality Management Practices in Supply Chain of large manufacturing Units in J&K" sponsored by AICTE.
5. Amit Kant Pandit, Giri Sunil, Saurabh completed a Consultancy on "Consumer Complaints handling Mechanism through IT Integration of M/S Manashosting Pvt. Ltd. Bangalore, completed in August 2009.

Academic Achievements/Lectures/Talks delivered by Faculty

1. Sharma, Suparn Conducted training sessions on "Problems of Estimation on Financial Econometric Models" in one day workshop on Quantative Techniques in Business by Deptt. of Business Economics, University of Delhi on 29th October, 2009.
2. Sharma Suparn Delivered Expert lecturers in the "Refresher Course in Social Sciences" conducted by Academic Staff College, University of Jammu on 26th September, 2009.
3. Sharma Suparn Conducted training sessions for three days on, "Applications of Econometrics to Research and Analytical Problems", at Faculty of Management Studies, Gurukul Kangri University, Haridwar during 27th 29th July 2009.
4. Sharma, Suparn Delivered Expert lectures and hands-on training session at Gyan Jyoti Institute of Management & Technology, Mohali during the Staff Development Programme on 29th June, 2009.
5. Sharma, Suparn Conducted a training sessions on "Indian Handicrafts- a Critical Review of the Role of GOI and NGOs" in one day workshop on Human Resource Development by Ministry of Textiles(H) on 11th May, 2009.
6. Saurabh, A Panelist in Panel discussion "Modern Education System: Crisis of Values and the remedial Strategies" on National education day at SMVD University on November 11th, 2009.
7. Sharma, Suparn delivered a lecture at Entrepreneurship Awareness Programme at SMVDU on February 20, 2010.
8. Saurabh, Lecture on "How to start a SSI Unit" at Entrepreneurship Awareness Program at SMVD University on February 2, 2010.
9. Vashishtha, Ashutosh delivered a lecture at Entrepreneurship Awareness Programme at SMVDU on February 20, 2010.
10. Saurabh, Series of Lectures in the five days National Workshop on "Marketing Practices in Recession" organized by KIBM, Kanpur from 20th December 2009 to 24th December 2009 on Value Chain Practices in Retail Marketing on December 22nd 2009 Strategy Formulation in Recession on December 23rd 2009, Strategy for coping International Competition on December 23rd 2009 Value Chain and Innovation on December 24th 2009.
11. Ashutosh Vashishtha, won Third Prize in National Research Paper Presentation Competition, Held at Institute of Management and Research, Bharti Vidyapeeth University, New Delhi. (February 20, 2010).

SCHOOL OF MATHEMATICS



Courses Offered

M. Sc

Courses in applied Mathematics in B. Tech and M. Tech streams

PhD

Faculty

S.No.	Name	Designation	Qualification
1	Dr. V. K. Bhat	Asstt. Professor	PhD
2	Dr. A. K. Das	Asstt. Professor	PhD
3	Dr. Ajay Sharma	Lecturrer	PhD
4	Dr. Kuldeep Raj	Lecturer	PhD
5	Dr. Sadhana Tiwari	Lecturer	PhD
6	Dr. Sandeep Bhoughal	Lecturer	PhD
7	Dr. Rakesh Kumar	Lecturer	PhD

Other Academic/Awareness Activities

1. In addition to the routine teaching work, a weekly student seminar is being conducted. In student seminar, students of M.Sc. Mathematics and Research Scholars speak on a topic suggested by the teacher-in-charge. Topics are application oriented. This seminar is conducted weekly on Monday.
2. In teacher seminar, faculty members discuss about their research activities as well as some general topics. This seminar is conducted fortnightly.
3. Dr. Rakesh Kumar worked as a session organizer in INSPIRE-DST Science Camp (19-04-2010 to 23-04-2010) at SMVDU.

S.No.	Name of Visiting Professor	Collection	Quantity
1	Prof. B.N. Mandal (Physics and applied Mathematics Unit, Indian Statistical Institute, Kolkata)	10-01-2010	Integral Equations
2	Prof. S. D. Gore (Department of Statistics, University of Pune)	10-01-2010	Artificial Neural Networks
3	Prof. B. S. Komal (Dept. of Mathematics, Jammu University)	07-04-2010	Operator Theory
4	Prof. A. P. Singh (Dept. of Mathematics, Jammu University)	07-04-2010	Functional Analysis
5	Prof. S. S. Sane (Department of Mathematics, Mumbai University)	13-05-2010	Applications of Graph Theory
6	Prof. R. J. Hans Gill (FASc, FNA, FNASc, FTWAS, INSA Senior Scientist, Punjab University, Chandigarh)	14-05-2010	Number Theory

Publications of Faculty

1. Bhat, V. K., published a paper on Prime radical of Ore extensions over π -rigid rings, Algebra Discrete Math., No. 1 (2009), 14-19.
2. Bhat, V. K., published a paper on near Pseudo-valuation rings and their extensions, Int. Electron. J. Algebra, Vol. 5 (2009), 70-77.
3. Bhat, V. K., published a paper on Corrigendum: On near Pseudo-valuation rings and their extensions, Int. Electron. J. Algebra, Vol. 6 (2009), 134-135.
4. Bhat, V. K., published a paper on Automorphisms and derivations on the center of a ring, Alb. J Math., Vol. 3(2) (2009), 57-61.
5. Bhat, V. K. and Neetu Kumari, published a note on $(*)$ -rings and their extensions, Sib. Elektron. Mat. Izv., Vol 6 (2009), 505-509.

6. Bhat, V. K., Transparent rings and their extensions, New York J. Math., Vol. 15 (2009), 291-299.
7. Bhat, V. K. and Raina Ravi, Prime radical of Ore extensions over π -rings, Int. J. Pure Appl. Math., Vol. 52(5) (2009), 623-630.
8. Bhat, V. K., On semi Pseudo-valuation rings and their extensions, [Lobachevskii J. Math.](#), Vol. 31(1) (2010), 8-12.
9. Bhat, V. K., Ore extensions over near pseudo valuation rings, Acta Math. Acad. Paedagog. Nyházi. (N.S.), Vol. 26(1) (2010), 45-53.
10. Das, A. K., π -normal spaces and decompositions of normality, Applied General Topology, Vol. 10 (no. 2), 2009, 197-206.
11. Komal, B. S., Raj, Kuldip and Khosla, Vinay, On operators of weighted composition on spaces of Orlicz-functions. *Int. Math. Forum* 4 (2009), no. 41-44, 2041--2050.
12. Koul Ajay; Patel, R.B. and Bhat, V.K. , Double split based secure multipath routing in Mobile Adhoc Networks, IEEE explore (2009), 835- 939.
13. Kumar, Rakesh, Operations Research Applications in Health Care, Gyanpratha Accman Journal of Management), Vol.2, Issue.1 (2010) 67-74
14. Kumar, Rakesh, An Analysis of a non-Markovian Queuing Network Model with Correlated Allocation using Simulation Technique, ASOR(Australian Society for Operations Research) Bulletin, Volume 28, Number 4, December 2009, pp.28-37.
15. Kumar, Rakesh, *A Catastrophic-cum-Restorative Queuing Model with correlated input for the cell traffic generated by new broadband services*, African Journal of Mathematics and Computer Science Research, Vol. 2(10), pp. 225-229, Nov., 2009.
16. Kumar, Rakesh, Operations Research Application in Managing Construction Projects, Proceedings of National Conference on Advanced Manufacturing Techniques (November 5-6, 2009) 145-151.
17. Kumar, Rakesh and Som, Bhupender Kumar, Some catastrophic Queuing Systems, Gyanpratha (Accman Journal of Management Sciences), Vol.1, Issue.2 (July, 2009)61-64.
18. Kumar, Rakesh and Khan, Nuzhat, Transportation decisions in Infrastructural Projects and Role of Operations Research, Gyanpratha (Accman Journal of Management Sciences), Vol.1, Issue.2 (July, 2009) 65-68.
19. Kumar, Rakesh and Khan, Nuzhat, Customer Service and Queues at Big-Bazaar, Gyanpratha (Accman Journal of Management Sciences), Vol.1, Issue.2 (July, 2009)107-112.
20. Raj, Kuldip and Khosla, Vinay, Weighted composition operators between spaces of Orlicz-functions. *Int. J. Algebra* 3 (2009), no. 5-8, 315--324.
21. Sharma, Ajay K ., Volterra composition operators between weighted Bergman Nevanlinna and Bloch-type spaces, *Demon. Math. J.* 42(3), (2009), 607-618-447.
22. Sharma, Ajay K., Products of composition multiplication and differentiation between Bergman and Bloch type spaces , *Turkish. J. Math.* 34, (2010), 1-17.
23. Sharma, Ajay K. and Abbas, Zaheer, Composition followed and proceeded by differentiation between Bergman-Nevanlinna and Bloch spaces, *J. Adv. Res. in Pure Math.*, 1, (2009), 53-62.
24. Sharma, Ajay K., Sharma, Rajesh and Abbas, Zaheer, Weighted composition Operators between weighted Bergman-Nevanlinna and Growth Spaces, *Int. Journal of Math. Analysis*, 4(26), (2010), 1291-1298.
25. Sharma, Ajay K. and Abbas, Zaheer, Weighted Composition Operators between Weighted Bergman-Nevanlinna and Bloch-Type Spaces, *Applied Mathematical Sciences*, 4(41), (2010), 2039 2048.
26. Sharma , S.D. and Sharma , Ajay K., Weighted composition operators between some spaces of analytic functions, WSPC Proceedings, ISAAC, (2010), 279-285.

Papers Presented/Workshops/Short term Courses Attended by Faculty

1. Bhat, V.K., On semi pseudo valuation rings and their extensions, 5th Asian Math. Conf., Kuala Lumpur, June 22-26, 2009.
2. Bhat, V. K., Bhat attended CIMPA-UNESCO-Philippines research school, Manila, Philippines (July 20-31, 2009).
3. Sadhana and R.S.Pathak, "Special Convolution on Distributions" "International Conference on Generalized Functions 2009" at Department of Mathematics, University of Vienna , August 31- Sept.4 2009.
4. Bhat, V. K., Weak - rigid rings and their extensions over Noetherian rings, Annual Conference of Jammu Math. Society, Feb. 2010.
5. Bougal,Sandeep, Workshop on Mathematical Modeling and Related Optimization Techniques, December 14-17, 2009, University of Delhi.
6. Bougal, Sandeep, Sequential Estimation of the Reliability Function of The Two Parameter Exponential Distribution, 5th JK Science Congress 8-10 February 2010.
7. Bogal,Sandeep, A general class of chain type estimators in presence of non- response under double sampling scheme, 20th Annual Conference of The Jammu Mathematical Society 26-28 March 2010.
8. Kumar, Rakesh, Operations Research Application in Managing Construction Projects, National Conference on Advanced Manufacturing Techniques, SMVD University,Katra, November5-6, 2009.
9. Raj, Kuldeep, Weighted Composition Operator between Orlicz function spaces in 5th JK Science Congress from 8th to 10th February 2010 at University of Jammu.
10. Raj, Kuldeep, Integral operators between L_p Spaces in 20th Annual Conference of Jammu Mathematical Society Department of Mathematics, University of Jammu from 28th February to 2nd March, 2010.
11. -Sadhana, "Watson Convolution of Distributions" 5th J&k Science Congress, University of Jammu, Feb. 8-10, 2010.
12. Sharma, Ajay K., Composition followed and proceeded by differentiation on Bergman spaces, 20th annual conference of the Jammu Mathematical Society, Feb. 2010.

Research Projects

1. Ajay K Sharma. Composition Operators and Dynamics of Complex Valued Functions NBHM, Department of Atomic energy, Grant No. 48/4/2009/R&D-II/426.
2. Dr. Sadhana Tiwari got Summer research Fellowship by Indian Academy of Science at IIT Mumbai with Prof. U. B. Desai during June-July 2009.

Academic Achievements/Lectures/Talks delivered by Faculty

1. Dr. Sadhna Received the Young Scientist Research Award for best paper presentation in J&K 5th Science Congress for her paper entitled "Watson Convolution of Distributions" Feb 8-10, 2010.

SCHOOL OF PHYSICS



Courses Offered

M. Sc
Supporting B.Tech programmes

Faculty

S.No.	Name	Designation	Qualification
1	Dr. Yugal Khajuria	Asstt. Professor	PhD
2	Dr. S. K. Wanchoo	Asstt. Professor	PhD
3	Dr. Jitendra Sharma	Asstt. Professor	PhD
4	Dr. Subash Mallah	Lecturer	PhD
5	Dr. Kamni Pathania	Lecturer	PhD
6	Dr. Vivek K. Singh	Lecturer	D. Phil
7	Dr. Rashi Nathawat	Lecturer	PhD

Conferences/Seminars/Workshops Organized

1. Prof. R.K. Manchanda, from Tata Institute of Fundamental Research, Mumbai delivered a lecture entitled "Astrostat: Indian Multi-wavelength Astronomy Statellite", on April 22, 2010.
2. Dr. Sunil Wanchoo coordinated DST sponsored (Rs. 19.50 Lacs) First "Innovation in Science Pursuit for Innovative Research Science (INSPIRE)" Science Internship Camp was held during April 19-23, 2010. A total of 285 students and 20 mentors participated in the camp.
3. Dr. Sunil Wanchoo coordinated DST sponsored (Rs. 26.00 Lacs, later on increased to 39.00 lacs) Second "Innovation in Science Pursuit for Innovative Research Science (INSPIRE)" Science Internship Camp was held during June 25-29, 2010. A total of 486 students and 20 mentors participated in the camp.
4. MHRD sponsored one day workshop under VSAT enabled Mobile e-Learning Terminals Project for sensitizing the faculty members of target institutions was held on 28/08/2010.

Other Academic/Awareness Activities

1. Dr. S.K. Wanchoo was involved in proposing and defending the amendments in SAP scheme of SMVDU.
2. Dr. S.K. Wanchoo represented SMVD University at the meeting of on 8.4.2009 in the convention hall, NIC Building, CGO Complex, New Delhi. The meeting was chaired by Chairman, CCB, MHRD, GOI. Also attended tow more similar meeing in this connection in MHRD.
3. Dr. S.K. Wanchoo obtained a full fledged Admission Centre from MHRD, GOI for AIEEE counselling in SMVD University for the state of J&K with financial assistance of over Rs. 3.3 lacks for the year 2009-10.
4. Dr. S.K. Wanchoo coordinated and organized the visit of Prof. Alan Benested, Assistant Vice Chancellor, University of West of England to SMVDU in collaboration with British council, New Delhi. During his visit various areas of mutual interest were discussed for possible cooperation.
5. Dr. S.K. Wanchoo obtained and established British Council supported "Education UK Centre" at SMVDU. The centre has documentation and information about all the leading educational institutions in UK. The Centre was inaugurated in SMVDU on 32.12.2009.
6. Dr. S.K. Wanchoo coordinated the compilation and editing of separate 2009-10 prospectus for professional and non-professional courses.
7. Dr. S.K. Wanchoo member of organizing committee, Second Convotion, 16th November, 2009.
8. Dr. Kamni attended General Orientation course organized by Academic Staff College, University of Jammu.
9. Organized the Inaugural SMVDU Colloquium "Exotic particles in MOSFETs: An intriguing road to quantum computation?"; which was delivered by, Prof. Jainendra Jain, Physics Department,

- the Pennsylvania State University on August 13, 2010 in Matrika. The event was attended by over 400 participants.
10. Was granted a full-fledged admission centre by CCB in 2009 and 2010 with financial assistance of 3.5 Lacs and 4.39 Lacs respectively. This activity has presented lot of relief to the students of Jammu division as they can avail this benefit in their own state now. Admitted students to over 55 institutions in 2009-10 and 2010-11 which include NITs' IIITs and other participating institutions.
 11. Played a key role in organizing British Council networking activity with J&K education community on 30/03/2010. This event was attended by several heads of institutions including three Vice Chancellors and representatives of British Council.

Publications of Faculty

1. Jitender Sharma, Stephen M.King, Leif Bohlin, and Nigel Clarke published a paper on "Apparatus for simultaneous rheology and small angle neutron scattering from high-viscosity polymer melts and blends" Nuclear Instruments and Methods in Physics Research A, (in press) DOI 10.1016./j.nima.2010.03.143.
2. Rajni Kant, Kamni, B. Narayana, K. Veena and H.S. Yathirajan: "(E)-3-(4-Bromophenyl)-1-1(3,4-dichlorophenyl) prop-2-en-1-one", Acta Crystallographica E, E65 (2009) 0836.
3. Rajnikant, Sabeta Kohli, M.B. Deshmukh and Kamni "Sythesis and X-Raj Crystallographic Analysis of 2-(2, 4-dimethyl Pyrrolyl) Benzothiazole" Journal of Chemical Crystallography, DOE 10.1007/s10870-010-9734-6.
4. Vivek K Singh, Awadhesh K Rai, Potential of laser induced breakdown spectroscopy for the rapid identification of carious teeth, Lasers Med Sci, DOI 10.1007/s10103-010103-010-0786-9.
5. Nathawat Rashi, Vijay Y.K., "XPS and AFM surface study of PMMA irradiated by electron beam" Surface & Coating Technology, 203 (2009) 2600-2604.
6. Nathawat Rashi, Vijay Y.K., "Structural and Chemical modification in a polymer by metal ion implantation", Composite Interface, 17(2010) 2600-2604.
7. S K Wanchoo, A Kaul, S Vaishnavi, H Sinvhal & H K Verma, "MeLTs; A new approach to delivery of e-learning in remote and un-served rural areas in India" 5th International Conference of Learning International Networks Consortium (LINC-2010) held at Engineering Systems Division, Massachusetts Institute of Technology, May 23- 26, 2010. MIT provided a financial assistance of USD 1200 for attending this conference. Remaining finances were provided by SMVDU and J&K State Council for Science & Technology, Govt. of J&K.
8. S K Wanchoo, A Koul, S Vaishnavi H Sinvhal & H. K. Verma, "VSAT Enabled Mobile e-Learning Terminals for Education in Remote Areas" presented in 5th Jammu & Kashmir State Science Congress, organized by University of Jammu (February 08-10, 2010).

Papers Presented/Workshops/Short term Courses Attended by Faculty

1. Jitendra Sharma attended "SERC School on Nonlinear Dynamics" at the Department of Physics & Astrophysics, University of Delhi, Delhi, 8-45 December, 2009.
2. V.K. Singh, attended 5th J&K Science Congress organized by University of Jammu on 8-10 January, 2010.
3. Rashi Nathawat attended DST-SERC School on Plasma Diagnostics at Institute for Plasma Research, Gandhinagar, India on 20-31 July, 2009.
4. Dr. S.K. Wanchoo, attended DST sponsored INSPIRE orientation workshop held at Indian Institute of Science Education and Research, Pune on September 23, 2010. Attendance in this workshop was through invitation and TA/AD was provided by DST for attending this workshop.
5. S K Wanchoo, A Kaul, S Vaishnavi, H Sinvhal & H K Verma, "MeLTs; A new approach to delivery of e-learning in remote and un-served rural areas in India" 5th International Conference of Learning International Networks Consortium (LINC-2010) held at Engineering Systems Division, Massachusetts Institute of Technology, May 23- 26, 2010. MIT provided a financial assistance of USD 1200 for attending this conference. Remaining finances were provided by SMVDU and J&K State Council for Science & Technology, Govt. of J&K.

6. Dr. S.K. Wanchoo, gets partial financial assistance (\$1200) offered by LINC-2101, MIT, Boston for presenting a paper during the Fifth International Conference of LINC-2010, May 23-26, 2010.
7. Dr. S.K. Wanchoo, gets partial financial assistance of Rs. 32,000/- offered by J&K Government for presenting a paper during the Fifth International Conference of LINC-2010, May 23-26, 2010.
8. Delivered an invited expert talk during “4th Regional Workshop of MeLT Proejct” a nationally coordinated project funded by MHRD, GOI at IIT Roorkee on 13th Feb, 2010.
9. S K Wanchoo, A Koul, S Vaishnavi H Sinvhal & H. K. Verma, “VSAT Enabled Mobile e-Learning Terminals for Education in Remote Areas” presented in 5th Jammu & Kashmir State Science Congress, organized by University of Jammu (February 08-10, 2010).

Research Projects

1. Dr. S.K. Wanchoo, NI Coordinator, in the MHRD funded Nationally Coordinated research project on “V-SAT enabled Mobile e-Learning Terminals”. IIT Roorkee is the lead institution in this project. (2009-2011). We have deployed one MeLT in May, 2010 and we shall deploy the second Bus based MeLT in November, 2010. The money mobilized in the form of MeLTs and associated equipment along with the recurring budget as a part of this project amounts to over ~Rs 45 Lacs. Each MeLT is equipped with 11 modes of e-Learning. This project is being run in collaboration with Mr. Ajay Koul, AP SCSE and Dr Samantha Vaishnavi, Lecturer, SBT.
2. Dr. S.K. Wanchoo, invited to be a collaborator in BLOSSOMS, Blended Learning Open Source Science or Math Studies by Engineering Systems Division, Massachusetts Institute of Technology. BLOSSOMS si an international collaboration currently involving four countries: Jordan, Lebanon, Pakistan and the USA.
3. Dr. S.K. Wanchoo, coordinator, INSPIRE, SMVDU obtained a grant of Rs. 19.5 lacs and organized the camp from DST, GOI for organizing first Science Internship Camp from April 19-23, 2010.

Academic Achievements/Lectures/Talks delivered by Faculty

1. Delivered Invited lectures during 02 days course on “*e-Governance for DDOs*” held at Sher-i-Kashmir Police Academy on 06/07/2010.

CENTRAL FACILITIES CELLS/CENTRES





The University Library is a specialized technical library. It was started in the year 2004 and within a short span of time the library has nearly 25,000 books, more than 300 CD-ROM titles. Library is also subscribing to 87 National and International journals & Periodicals. It has also access to various online databases and electronic journals. SMVDU Library is also the member of INDEST Consortium and has access to Springer Link, IEL Online, ACM, ABI Inform Complete & Math Sci Net. Collection is fully indexed and its catalogue can be accessed throughout the campus [OPAC (Online Public Access Catalogue) through INTRANET] and on Internet (WebOPAC).

In 2009, British Council established its second centre in India at the university level for Education at UK Centre in the Central Library to facilitate providing information about exchange programs. The subject coverage is Management, Engineering, Sciences, Philosophy, Culture, English Language, French Language and World Literature. The whole library collection is fully indexed and the catalogue is fully computerized. The library also provides Current Awareness Service (CAS) and Selective Dissemination of Information (SDI) services. Apart from the Central Library there are four College Libraries.

The central library works from 9.30 a.m. to 5.30 p.m. whereas the reference libraries are open up to 10 p.m. Book bank facility is also available for the new students. The Central Library is built in 36000 Square yds area and is being equipped with more books, journals and modern facilities through the UGC grant.

The primary mission of the library is to support the educational and research programs of the institute by providing physical and intellectual access to information, consistent with the present and the anticipated educational and research functions of the institute. In accordance with the objectives of the institute, the library aims to develop a comprehensive collection of documents useful for the faculty and the research community of the institute. The secondary mission is, to serve as a resource center for the scholars and scientific community. The collection of the library which includes books, journals, reports, standards and patents is regarded one of the richest collections in the country, in the field of science and technology. This rich and valuable collection built over last five year has some of the rare reference materials and several important journals.

The Central Library of SMVDU Katra established in the year 2005 which has evolved into a specialized technical.

S.No.	Name	Designation
1	Sh. Subrato Deb	Chief Librarian
2	Mr. Romesh Chander	Assistant Librarian
3	Ms. Suneeta Raina	Library Assistant
4	Mr. Kishore Lal	Library Assistant
5	Mr. Sandeep Kumar	Library Assistant
6	Mr. Ashwani Kumar Sharma	Library Assistant
7	Ms. Pooja Sharma	Library Assistant
8	Mr. Rohit Gupta	Library Assistant
9	Mr. Shiv Saran Singh	Library Assistant
10	Mr. Chandreshwar Gupta	Library Assistant
11	Mr. Jaipal Singh Jamwal	Library Assistant
12	Mr. Raj Kumar	Multi-tasking Assistant
13	Mr. Mohinder Singh	Library Attendant
14	Mr. Darshan Kumar	Library Attendant

Strength of Library

S.No.	Items	Collection	Quantity
1	Books	Total Collection at SMVDU Central Library	19,291
2	CD's and DVD's	Total No. of CD's and DVD's	2096
3	Book Bank	Total No. of Books	7507

Newspaper, Magazines and Journals Collection in the Central Library.

S.No.	Items	Collection	Quantity
1	Newspaper	Total No. of Newspaper	11
2	Magazines	Total No. of Magazines	16
3	Printed Journals	Total No. of Printed Journals available	106
4	Online Journals	INDEST-AICTE Consortium	3942

Library Software

The library has been using the LIBSYS an Integrated Library Management software package with all the modules for the library housekeeping operations. Using LIBSYS OPAC, users can search the Library Online Catalogue by Author, Title, Subject, and keywords. Also, the users can know the latest additions of periodicals and books and the status of a document (whether on shelf or on issue).

- LSPremia: the web-enabled integrated library system (LIBSYS) has been provided to in-house users.
- Bar-coding of entire collection in the Library is done.

DELNET:

SMVDU Library is an Institutional Member of DELNET (Developing Library Network).

INDEST-AICTE Consortium:

SMVDU Library is a member of INDEST-AICTE Consortium. The INDEST-AICTE Consortium is the most ambitious initiative taken so far in the country. The benefit of consortia-based subscription to electronic resources is not confined to 38 major technological institutions in the country but is also extended to all AICTE-accredited and UGC-affiliated institutions. (645) engineering colleges and institutions have already joined the consortium on their own. Recently (453) engineering colleges and institutions joined under self support- new scheme. INDEST AICTE Consortium provides access to 3942 full-text online journals on various subjects to the in-house users of the University. SMVDU Library has access to 6 major links of INDEST-AICTE Consortium.

These are: -

1. ABI / Inform Complete
2. ACM Digital Library
3. ASCE Journals
4. ASME Journals (+ A M R)
5. IEEE / IEE Electronic Library Online (IEL)
6. Springer Link
7. Online Electronic Resources:
8. Digital-Virtual Library
9. Web-Opac
10. Online Database
11. MathSciNet
12. Emerald

Book Exhibition

Book exhibition was organized in the campus at Academic Block- C, Room No. 306 and 307 on 4th-5th Jan, 2010.

Virtual Digital Library

Journals

- Indent Online
 - [ABI / Inform \(SMVDU Filter\) 2810 Journals](#)
 - [ACM Digital Laboratory \(SMVDU Filter\) 252 Journals](#)
 - [ASCE Journals \(SMVDU Filter\) 30 Journals](#)
 - [ASME Journals \(+A M R\) \(SMVDU Filter\) 22 Journals](#)
 - [IEEE / IEE Electronic Library Online \(IEL\) \(SMVDU Filter\) 241 Journals](#)
 - [Springer Link \(SMVDU Filter\) 587 Journals](#)
- Open Archive
 - [DOAJ](#)
 - [Indian Academy of Sciences \(SMVDU Filter\)](#)
 - [Open-J-Gate](#)
- Free
 - [Highwire](#)
 - [Free Medical Journals](#)

Databases

- Indest
 - [MathSciNet](#)
- Free
 - [Highwire](#)
 - [Agricola](#)
 - [Digital Dissertations](#)
 - [DOE Reports Bibliographic Database](#)
 - [GrayLIT Network](#)
 - [IngentalConnect](#)
 - [Patent Information](#)

Library Networks

- DELNET Union Catalogue

LABORATORY INFRASTRUCTURE

State-of-the-art laboratories, containing the computers with latest configuration networked together to ensure that the students get complete facilities to thoroughly understand and explore the concepts of computer science as learnt in the class-room are available in the school. The School of Computer Science & Engineering focuses on preparing globally competitive professionals who are at ease with both hardware and software aspects of the computer. these professionals are trained to innovate and contribute to the growth of Indian economy in the present era of Information Technology. This Programme has been designed to help students impart basic concepts and skills of Computer Science and their applications in diverse areas of software development, hardware technology and networking.

The school currently consists of the following laboratories :



1. PROJECT LAB:

Project lab has 21 systems of HP, IBM and Dell make. The systems are connected through LAN with one online UPS of 5Kva for constant uninterruptable power backup. In this Lab the students of VIth and VIIth semester do their Minor and Major Projects under the guidance of their concerned Project In-charge using different languages and platforms. The students work in the areas like image processing, NLP, Wireless Networks, Artificial Intelligence, Data ware housing, Multimedia etc.

2. DATABASE LAB:

This lab is extensively used by the students for exploring each and every aspect of Database Management System (DBMS). This lab consists the software's like MY SQL Version 5 , Turbo "C" and MS Office. The students are provided hands on training in the areas of Database Management System (DBMS) Lab, Engineering Computational Methods (ECM) and Data Structure (DS). The Lab is equipped with 30 Dell computers of latest configuration and has its own separate virtual LAN

3. INTERNET LAB.

This lab is established for the purpose of providing the internet surfing facility for the students, it is open 24x7. The students also have been provided the Wi-Fi facility. The Lab consists of 80 terminals connected with the internet bandwidth of 30 Mbps.



4. PROGRAMMING LAB:

Programming lab is used to inculcate programming skills among the students. This lab is helping them to specialize in their concerned subjects. Programming lab is equipped with 30 DELL Optiplex 330 PC's . Processor- Pentium Core II dual HDD- 160 GB 1 APC UPS providing power backup in case of power failure. This lab is meant for conducting labs mainly for programming languages like VB.Net, Sql Server Enterprise, Java, C++, Graphics in C & Mini projects.

5. OPERATING SYSTEM LAB:

This lab is well equipped with the latest 30 Dell Optiplex Computer systems for the students. This lab is used to provide students exposure in the areas of Operating Systems & Systems Development. The students are taught Unix, Red Hat Linux, Ms-Windows operating systems besides courses on Data Structures etc.

6. BASIC COMPUTING LABORATORY :

This lab is well equipped with the latest Computer systems for the students to discuss each and every aspect of basic computer system. It is used extensively by students for learning of foundation of information technology like MS-WORD, MS-EXCEL, MS-POWER POINT and MS-ACCESS. It is also used for programming using "C". This lab is well equipped with all aspects of the students of the students of B.Tech. The total number of systems in the lab is 30 with online back up.

Biotechnology Laboratories

Molecular Biology and Protein Biochemistry

1. Microbiology and Fermentation lab
2. Biotechnology and Recombinant DNA Technology lab
3. Organic Chemistry Lab.
4. Inorganic Chemistry Lab

Electronics Laboratories

1. Communication Engineering Laboratory
2. Operating System Laboratory
3. Microprocessor Laboratory
4. Electrical Machines Laboratory
5. Control Systems Laboratory
6. Power electronics Laboratory
7. Electronic Measurement & Instrumentation Laboratory
8. Digital Signal Processing Laboratory
9. Advanced Comm. Laboratory
10. Simulation Laboratory

The School of Electronics and Communication has put in place the best instructional and infrastructural facilities required for providing knowledge of all aspects of electronics and communication engineering.

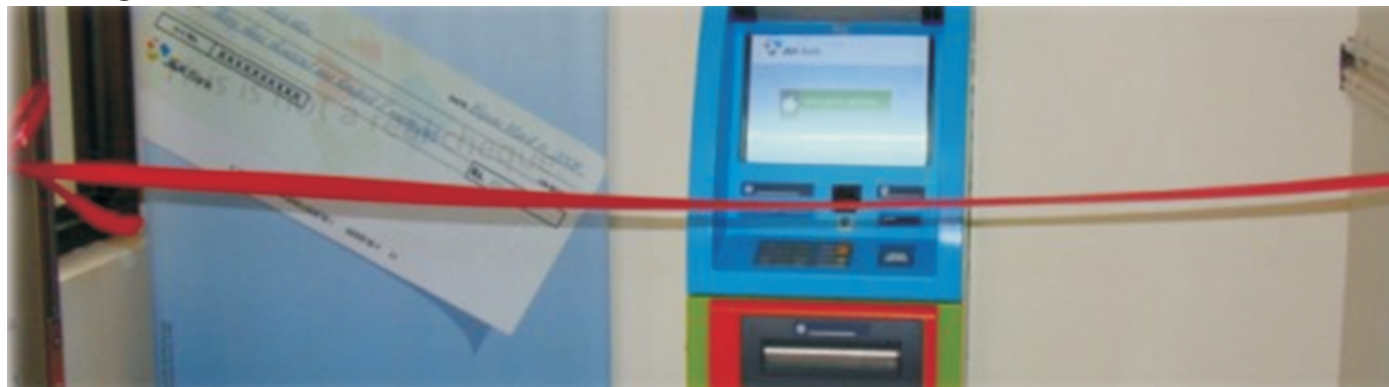
Catering Facility

The catering services for the students, faculty and staff have been outsourced and are being rendered by contractors in the boy's and girl's hostels thereby reducing the management related issues for the university. More establishments are expected to be made operational in the near future. Each hostel has its own Mess facility and this is monitored by a committee consisting of the Hostel Warden, Hostel Caretaker & nominated students from the hostel. Thus the students have an effective role to play in ensuring that good quality food, tasty and hygienic is available to all students. The Committee has the mandate to change the Menu as well as impose fine on the caterer in case of any discrepancy.

Shopping Complexes

The Main Shopping Complex, close to the Medical Center consists of 10 shops which cater to virtually all the requirements of the residents of the university including students, staff and faculty members. These shops include two Grocery cum General stores having all modern amenities, Sweet Shop, Snacks Shop, Barber Shop, SMVDU Gas Agency, Amul Outlet, Chemist Shop etc. Stationery Shop is located close to the Boy's Hostel.

Banking & ATM Facilities



The **J&K Bank** and **Oriental Bank of Commerce** have a branch each on the campus which caters to the needs of the students, staff, and faculty members of the university. The J&K bank has the facility of an ATM. Facility of electronic transfer of funds exists with these banks. Each student of the University is required to have a Bank Account with any one of these banks which is utilized for the students personal finance as well as any refunds from the university.

Post-Office

The postal department has opened a post-office for the use of the residents of the university in the campus itself. The post-office has all standard facilities including Money order, Speed Post, Registered Post etc. The postal address of the campus is **Shri Mata Vaishno Devi University Sub Post Office, SMVD University, Katra 182 320 J&K, INDIA**

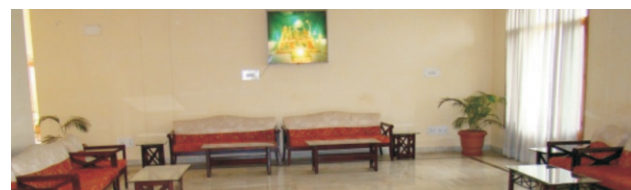
Schools for Children

The well known Delhi Public School (D. P. S.) has opened a school in the university campus for the children of the faculty and staff members staying on campus. The school is also open to people from neighboring locality and the holy town of Katra

SMVDU offers following facilities to the recruiters

The team at T&P Cell at SMVDU makes every effort to ensure that the process of interaction between the recruiters and the students is conducted smoothly. To this end the university has taken steps to ensure that all necessary infrastructure required for the recruitment process is in place.

The University is well known for providing excellent hospitality to the recruiters in the **University Guest House** which has all modern facilities and amenities to ensure a comfortable stay in the campus. Personalized care is provided to the guests staying in the Guest House.



The Campus is 40 kms from Jammu Airport & Railway Station. The University provides comfortable **Vehicles to pick up and drop** the Recruitment team to the Airport/Railway Station. Arrangements are also made for local sight-seeing if desired.



University has created excellent infrastructure keeping in mind the amenities needed for facilitating the recruitment process. **State-of- art auditorium “Matrika”** equipped with excellent audio-visual facilities and with a seating **capacity of 1000**. This can be used making corporate presentations.

Seminar Hall “*Sanskriti Kaksh*” equipped with excellent audio-visual facilities and a **seating capacity of 300**.

Four Special Lecture Theaters equipped with audio/visual facilities are available for closer interaction between the recruiters and the students. Each lecture theatre, built like an amphitheater, has a **seating capacity of 150**.

20 Class rooms each having seating capacity of 60 students are available for conducting written test in case of pool campus drives. Air-conditioned **Group Discussions/ Conference rooms/ Interview rooms** **Video Conferencing facility & Audio Conference Facility** is available for conducting off-shore interviews **E-placement facility** is also being made available to the recruiters. The T&P Cell also facilitates visit to the world famous **shrine of Shri Mata Vaishno Devi**, the deity after which the University is named. Arrangements can also be made for **local sightseeing** if so desired by the recruitment team.

The university has a guest house on campus with 15 well appointed rooms and 4 suites to accommodate guests of the university, guests of the Faculty, Staff & the students. All the rooms are air-conditioned, have wall to wall carpeting & Satellite dish Connection to the Television. Mess facility with food made to order is also available in the Guest House.

Power & Water Supply

Enough care has been taken to provide all the basic necessities required for healthy and happy stay and learning on the campus. Looking at the overall erratic power supply in this part of the country, the university, from the very beginning, decided to have an exclusive 33KV substation on the campus to ensure uninterrupted power supply to all the parts of the campus, deriving input directly from the Jajharkotli grid. As the result of this there is no shortage or curtailment of the power on the campus, a great advantage for the fully residential University. The University also provides uninterrupted power back ups, wherever required, with the help of high power generator and inverters. The University has a dug well with a provision of pumping and storing 1, 00,000 gallons of good water in the campus daily. The quality of water supplied is good for human consumption and is checked regularly for quality.

Transportation

The public transport facilities are available in the form of min-bus which plies on the Domel-Katra route. All buses stop in front of the university gate and are available every hour. The University has also organized its

own bus facility for students from Campus to Domel and back on specific times during the weekdays and the weeknds for the convenience of the students. a specail bus facility from Campus to Jammu and back is available on every Saturday for the convenience of Faculty & Staff members and their families.

Students Activities

Technical Events

Titiksha 2009

The Technical Festival of the university, Titiksha 2009 was held from October 9-11, 2009. The festival was full of technical and competitive events like C-projects, Java-projects, Linux trouble shooting, Robo-war and various gaming events. The events received wide participation from different universities and colleges of the state. The festival gives an opportunity to students and participants to make themselves aware of the latest development and trends in different fields of technology. The festival was inaugurated by the then Vice Chancellor, Prof. N. K. Bansal by starting of a robot 'Path-follower' designed by SMVDU students.

Cultural Events

Independence Day Celebration

On the auspicious occasion of Independence Day, our students presented cultural performances and presentations to mark the importance of the day. Students also highlighted the meaning of independence through presenting a skit on the theme.

Concordance 2009

Concordance 2009, an interactive session between newly admitted and senior students, was held on 25th of August 2009. The session was full of interaction and cultural performances. The fresher students also showcased their talent. 'Concordance' as an annual students' activity has been successfully able to establish communication among students and has also been proved as an ice-breaking measure. First year students' also presented a skit depicting the menace of ragging in academic institutions.

Republic Day Celebration

26th January, 2010, i.e., the Republic Day was celebrated with cultural presentation ranging classical, folk, instrumental and modern cultural performances. On the occasion students also welcomed the newly taken over Vice Chancellor, Prof. R. N. K. Bamezai. The children of *Vikalp* programme also presented their show on the theme '*tare jamee per*'. Prof. Bamezai congratulated all the students who had presented their show on the occasion.

Resurgence 2010

The Cultural & Sports festival of university was organized with fanfare and gaiety from 8th to 10th of April 2010. The Festival symbolizes the celebration of life and rejuvenation at SMVDU. More than hundred students from Islamic University of Science and Technology (IUST), Kashmir, Jammu University (JU), MIET, GCW Gandhi Nagar, GMC, IECS, Commerce College, Jammu and MAM College, Jammu participated in the festival. Amidst a mood of euphoria and exhilaration, the event was inaugurated by the Vice Chancellor of SMVDU, Prof. R.N.K. Bamezai, on 8th April. Resurgence 2010 was an amalgam of literary, cultural and sports activities.

It began with a Rangoli competition, followed by a series of events related to Music, Dance, Theatre, Literary and Fine Arts. Dances like



Solo dance, Folk dance and Ballad, Still Life, Sketching, Mono acting, Hasya/Vyangya Kavya, to name a few were the main attractions. Blending the cultural activities with sports, the students enthusiastically participated in sports events like Long Jump, High Jump, Fatta Cricket, Kho-Kho etc

The Fest concluded on April 10, 2010. Padm Shri Dr. Jitendra Udhamपुरi was the Guest of Honour for the valedictory function.

The *Prithvi House* was overall winner in the intra-university events and was awarded the Vice Chancellor's Rolling Trophy.

Sports Activities

The Department of Sports organized Inter-Hostel Football, Volleyball, Basketball and Cricket tournaments in the academic year 2009-2010 apart from Resurgence 10' where Badminton, TT and athletic events were conducted. Students enthusiastically participated in these events and their performance (especially the incoming batch) was worth appreciating. The first year students (currently second year) put up a very good show in Basketball and Football. In Football, they beat the indomitable fourth year (now passed out) in the league stages, however eventually lost the finals. In Basketball, they lost the finals merely by one basket or else the reigning champions (for last couple of years) were dethroned.



Other Activities

A Debate competition on 2nd October, 2009, was organized to observe International Non-violence Day and a Debate Competition on the topic "Gandhian way is solution to sustainability" was organized. Ms. Simranpreet Kaur of MA English (1st year) and Mr. Gagandeep Raina (B.Tech. 2nd year) stood first and second respectively, for the motion. Mr. Amol Solanki was the best speaker, against the motion.



Another Debate Competition (university level) sponsored by Indian Association of Parliamentarians on Population and Development (IAPPD), New Delhi, was organized on 14th September, 2009, on the topic "Increase of population is solely responsible for degradation of environment". Mr. Ankush Gupta from B. Tech (Mechanical Engineering) 2nd year and Mr. Taha Mugal from B. Arch. 1st year stood first for and against the motion respectively and they also represented the university at



National Level debate competition held at New Delhi.

National Education Day was observed on 11th November, 2009, to commemorate the birth anniversary of Maulana Abul Kalam Azad. A panel discussion on the topic "*Modern Education System: Crisis of Values and the Remedial Strategies*" was organized which received participation both from students and faculty.

Participation in Inter-University Events

SMVDU Team participated in North Zone Inter University Youth Festival - Unifest 2009, organized by Association of Indian Universities (AIU), held at Kurukshetra University Kurukshetra, from 16-20 November, 2009. The SMVDU team won the overall Rolling Trophy in literary events.

NSS Activities

NSS cell of the university organized Vaccination Camp for the children of *Vikalp* on 2nd September, 2009; Hygiene Awareness Camp on 12th September, 2009; Medical Check-up Camp on 25th September, 2009; and a

Vasectomy Camp for workers of construction companies on 28th November, 2009. Apart from these camps NSS also organized a Plantation Drive in the vicinity of Nilgiri Hostel on 2nd October, 2009.

Vikalp, which is a NSS undertaking to assist in educating and medical care of children of neighboring villages, distributed cloths among the children on 14th of October, 2009. The cloths were donated by the former Vice Chancellor, Prof. N. K. Bansal. Vikalp also distributed woolen cloths among children on 1st of December, 2009.

Telecommunication Centre

The upgraded BSNL ISDN (Integrated Service Digital network) 512 line telephone exchange and a mobile tower is installed in the SMVDU campus. The Land & Building for the said purpose was provided by the university to have better telephone connectivity on the campus. The UG telephone cable is laid in the entire campus to provide the BSNL land-line numbers anywhere in the campus. 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. On our request BSNL officials are available in the campus on 3rd of every month to collect the payments of the bills raised by BSNL against the use of land line and Mobile phones. With the help of this facility no body in the university needs to go BSNL counter to pay their bills.



Telecommunication wing SMVDU organizes SIM Mela in the month of August every year to provide the Mobile SIM`s. Almost all students, faculty members, other staff members and especially newly admitted students have been taking advantage of the same. All the J&K telecommunication service providers like BSNL, AIRTEL, Reliance, Vodafone and AIRCEL have been participating in the said Mela.

SMVDU has upgraded the Siemens Hipath 4300 to 4000 V2.0E simplex IP ready communication server with 336 Analog Extension's (Expandable up to 1392 Extensions), 24 Digital Extensions and 24 trunk lines with CLIP facility on each extension. Locking/unlocking, DND, call Pickup, Call forwarding, Polarity Reversal, add on conference (3-Party), is among the common features of our upgraded EPABX system. The voice mail is also operational in the system which enables the outsider to reach any extension with out any help from operator. We have the latest call billing software which keeps the record of all out going calls.

The new pattern of extension number was introduced in SMVDU in such a manner that one can guess weather the Extension number belongs to residence or office and even the department can also be identified. In order to monitor the telecommunication system and other field complaints the staff of telecommunication wing of SMVDU is available in the university throughout seven days of a week.

Gender Sensitization Committee against Sexual Harassment (GSCASH)

Following the guidelines on the prevention and deterrence of sexual harassment in the workplace laid down by the Supreme Court of India in its August 13, 1997 judgement on the Writ Petition (Criminal) Vishaka vs State of Rajasthan, Hon'ble Vice Chancellor Prof. R.N.K Bamezai constituted a body in the university to work for the awareness and deterrence of any gender based mal practices. The committee was constituted on April 16, 2010 with the representation from faculty members, staff members, students and eminent academicians from outside the University. Mentioned below is the constitution of GSCASH.

1.	Dr. Vandhana Sharma	(Director I/c, SOL&L)	Chairperson
2.	Ms. Arshia Khajuria	(Lecturer, SALD)	Member
3.	Dr. Suparn Sharma	(Asstt. Prof., SOBE)	Member
4.	Ms. Tripti Saitu Gupta	(AR(A&E))	Member
5.	Ms. Shafla Parihar	(AR(S&P))	Member

6.	Ms. Sunanda Gupta	(Warden)	Member
7.	Mr. Saurabh Srivastav	(Warden)	Member
8.	Ms. Madhu Bala	(M.Sc, Phy., Student)	Member
9.	Mr. Sunny Gupta	(B. Tech, Student)	Member
10.	Dr. Renu Nanda	(Asso. Prof., JU)	Member
11.	Prof. Rita Munshi	(Retd. Principal)	Member

Aims & Objectives

Sexual harassment policy of SMVD University is committed to provide a place of work and study free of sexual harassment, intimidation or exploitation. It is expected that all students, faculty, staff, karamcharis and officials treat one another and visitors to the University with respect. All members of the University community, including those who are in temporary or short term positions will be subject to this policy. Anyone violating this policy will be subjected to disciplinary action.

Functions of GSCASH

The GSCASH has following major functions:

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

Network Centre

The University has a full-fledged Network center developed on Linux, Solaris and Microsoft servers. Network centre serves as the control point for the Internet facility available in the University. The major initiatives undertaken this year comprises of the following

1. Optical Fibre Project: About 3.6 Km of optical fiber is laid in SMVDU Campus connecting Guest House, Auditorium, Library Building, Architecture Block, AP Residence, Entry Gate No 1 , all boys and girls hostels viz. Tikuta, Kailash, Neelgiri, Vindhayachal & Shivalik.
2. Campus Wide Area Networking Phase III. World class network infrastructure has been built using Cisco switches 2960 switches and covers all eleven locations connected vide Optical Fibre project .
3. Wi Fi Campus Project: Network Centre has commissioned full Wi Fi connectivity in academic and student residential area as well as faculty residential area.
4. 1 Gbps Internet Connectivity: The Network center is all set to implement 1 Gbps Internet Bandwidth connection through BSNL for providing high speed internet access to faculty, staff ad students of the SMVDU. After the commissioning of the link, SMVDU becomes a part of National Knowledge Network connecting 419 Universities spreading all over India under MHRD Project - National Mission on Education through information and communication technology (NMEICT)
5. Internet services: The Internet Services have been significantly improved from previously 4 Mbps leased line from single ISP to 34 Mbps leased line connectivity provided by three ISP namely BSNL, Bharti & Reliance Communications.
6. Network Management System: The Network Centre incorporates Network Management System for providing Bandwidth Management, User access management comprises of over 1400 users including faculty, staff and students. Full Stateful Firewall, Advanced Routing Availability & Multiple Link Load Balancing., Usage & Quota Control



7. SMVD UnivNet LAN : It is ever expanding network since its commission with the following objectives
 - a. To provide Gigabit capacity Campus LAN.
 - b. To interconnect securely with servers outside the SMVD UnivNet.
 - c. To easily secure connection and load balance any server or service across the network.
 - d. To implement dynamic IP addressing capability (DHCP) across the university network.
 - e. To provide secure network zones in the Network centre that provide network security for like groups of servers (Web, Database etc).
 - f. To have high speed wireless access in some select location on the campus initially Campus LAN
8. Network Services: The primary services provided by Network Centre includes
 1. Web Hosting
 2. Email
 3. Storage Management
 4. Database Management
 5. Server Housing & Management
 6. Fibre backbone based Network

Medical Aid Centre

The details of Personnel involve in the functioning of Medical Aid Centre are: -

S.No.	Name	Designation
1	Dr. Pallav Sharma	Medical Officer
2	Dr. Shikha Dwivedi	Dy. Medical Officer
3	Dr. Vidushi Kapahi	Dy. Medical Officer
4	Ms. Basanti Kumari	Staff Nurse
5	Ms. Sneh Pathania	Staff Nurse
6	Mr. Vijay Kumar	Laboratory Assistant (Pathology)
7	Mr. Manish Anand	Pharmacist
8	Mr. Vinod Kumar	Pharmacist
9	Ms. Poonam Sharma	Assistant

Facilities

OPD:-OPD services are available to all the inhabitants of the university. Emergency services are available round the clock.

Laboratory

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

Physiotherapy Unit

A Physiotherapy Unit with all latest Physiotherapy equipments, ECG facility is also available.

Ambulance Service

An ambulance is available round the clock.

Referral

Referral to Government Medical College, Jammu and ASCOMS, Jammu in extreme emergency.

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.

Chemist

A well stocked and 24 hours open chemist shop is situated next to Medical Aid Centre.
Reimbursement to all indoor patients (for staff)

Ward

Separate wards for male and female indoor patients.
A Dental Unit will be shortly set- up having a Dental Doctor and a qualified Dental Assistant.
OPD services are also rendered to inhabitants of nearby villages and CRPF camp personals.

During the year 2009 Total No. of patients seen in OPD-&7420. This year till 9th September 2010, No. of patients seen 4597.

Publication & Media Cell

The Publication and Media Cell has following major functions:

1. Preparation of Annual Report.
2. Preparation of half-yearly newsletter "Chronicle" every year.
3. Coverage of all the events through out the year.
4. Photography/video of the events, respectively.
5. To contact and send report of the events to local/national media, respectively.

Sponsored Research and Development Division

Sponsored Research and Development Division came into existence on October 23, 2009 with an aim to promote and encourage faculty and staff interaction with industry through sponsored research projects, consultancy, conferences, workshops, Faculty/Executive Development Programmes etc. The Sponsored Research and Development Division (SRDD) was specifically set up to provide specialized administrative and managerial support for the operation of Sponsored Research Projects, Consultancy Jobs and other related R&D activities. Over the years, the institute has set up some modern laboratories and supporting infrastructure through these projects.

Major focus areas of the SRDD are as follows:

1. Professional consultancy by the faculty to industries.
2. Workshops, conferences and symposia with joint participation of the faculty and industries.
3. Industrial testing by faculty and technicians at site or in laboratory.
4. Memoranda of Understanding between the Institute and Industries to bring the two sides academically and strategically closer.
5. Human Resource Development programmes by the faculty for practising engineers.
6. R&D laboratories sponsored by industries at the Institute.

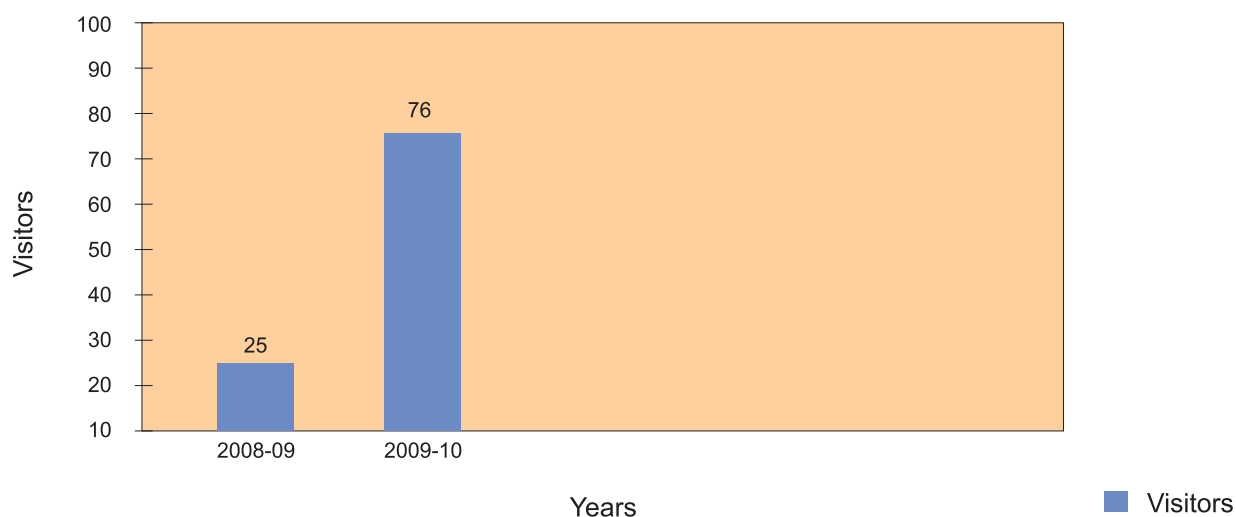
Visitors to the University

List of Visitors (2009-10)

S.No.	Name	Period of Visit	Department/University
1	Mr. Puran Chand Pandey	25th-26th Sept., 2010	Times Foundatin, New Delhi
2	Prof. P. M. Gautheir	22nd Sept., 2010	University of Montreal, Canada
3	Prof. Ashok De	19th-20th Sept., 2010	Ambedkar Institute of Technology, Delhi
4	Prof. Jainendra K. Jain	13th Sept., 2010	Pennsylvania State University, USA
5	Mr. Deepak Chawla	2nd Sept., 2010	HR, Nokia Siemens Networks
6	Sh. S. P. Sharma	31st Aug., 2010	National Vice-President Gandhi Global Family
7	Sh. Kamal Gandotra	31st Aug., 2010	J&K General Secretary GGF
8	Prof. Lalit Mangotra	27th Aug., 2010	President Dogri Sanstha, Jammu
9	Mr. Tejender Singh	18th Aug., 2010	Circle Operation Head, Bharti Infratel, Jammu
10	Prof. G. K. Dass	13-15 Aug., 2010	Former Vice Chancellor, Utakal University Orissa
11	Prof. S. K. Tandon	25-29 June, 2010	Pro-Vice Chancellor, University of Jammu
12	Dr. Ram A. Vishwakarma	25-29 June, 2010	Director, IIM Jammu
13	Prof. S. P. Vij	25-29 June, 2010	Shoolini Inst. of Life Sciences & Business Mgt., Solan
14	Prof. D. P. Abrol	25-29 June, 2010	SKAUST, Jammu
15	Prof. V. Krishnan	25-29 June, 2010	Jawaharlal Nehru Centre for Advanced Scientific Research (A Deemed University)
16	Prof. A. K. Koul	25-29 June, 2010	BGSB University, Rajouri, J&K
17	Prof. S. Mahadevan	25-29 June, 2010	IISc, Bangalore
18	Prof. Deepak Dhar	25-29 June, 2010	TIFR, Mumbai
19	Prof. M. K. Dhar	25-29 June, 2010	Biotechnology Department, University of Jammu
20	Prof. Adimurthi	25-29 June, 2010	TIFR (CAM Centre), Bangalore
21	Prof. A. P. Singh	25-29 June, 2010	University of Jammu
22	Prof. A. K. Susheela	25-29 June, 2010	FRRDF, Delhi
23	Prof. V. C. Thakur	25-29 June, 2010	WIHG, Dehradun
24	Prof. S. K. Khanduja	25-29 June, 2010	CAS, Panjab University, Chandigarh
25	Dr. A. Mukhopadhyay	25-29 June, 2010	SERC, DST, GOI
26	Prof. V. C. Tewari	25-29 June, 2010	WIHG, Dehradun
27	Prof. B. M. Arora	25-29 June, 2010	IIT, Mumbai
28	Sh. A.S. Kiran Kumar	25-29 June, 2010	ISRO, Ahmedabad
29	Prof. Deepak Pental	19-23 April, 2010	Vice Chancellor, University of Delhi
30	Prof. D.V.S. Jain	19-23 April, 2010	Department of Chemistry, Panjab University
31	Prof. R. K. Kohli	19-23 April, 2010	Botany Dept., Panjab University
32	Prof. B. B. Bapat	19-23 April, 2010	Indian Statistical Institute, New Delhi
33	Prof. A. K. Grover	19-23 April, 2010	TIFR, Mumbai
34	Prof. Ashok Sahni	19-23 April, 2010	Geology Dept., Panjab University
35	Prof. S. S. Sane	19-23 April, 2010	Dept. of Mathematics, Mumbai University
36	Prof. Vijay Singh	19-23 April, 2010	TIFR, Mumbai
37	Prof. R. K. Manchanda	19-23 April, 2010	TIFR, Mumbai
38	Prof. D. P. Abrol	19-23 April, 2010	SKUAST, Jammu
39	Mr. Gurvinder Pal Singh	24th April, 2010	Branch Manager, Bajaj Allianz
40	Prof. R.J.H. Gill	19-23 April, 2010	Department of Mathematics, Panjab University
41	Dr. Santosh K. Kar	19-23 April, 2010	JNU, New Delhi
42	Prof. Ravi K. Ranade	19-23 April, 2010	NIT, Hamirpur
43	Prof. Sunit Bajpai	19-23 April, 2010	IIT, Roorkee
44	Mr. Siddharath Arora	23rd April, 2010	Cluster Head, Big 92.7 FM, Jammu

S.No.	Name	Period of Visit	Department/University
45	Mr. Rakesh Vohra	24th April, 2010	Manager, HR Berger Paints
46	Sh. Sunil Kakroo	20th, 24th, 29th April,10	Deptt. Of Floriculture, J&K Govt.
47	Prof. A. P. Singh	7th April, 2010	Dept. of Mathematics, Jammu University
48	Prof. B.S. Komal	7th April, 2010	Dept. of Mathematics, Jammu University
49	Ms. Simi Dutta	20th, 25th May, 2010	Dept. of CSE, Govt. College of Engg. & Tech., Jammu
50	Prof. K. B. Razdan	21st May, 2010	University of Jammu
51	Prof. Manoj Dhar	19th May, 2010	University of Jammu
52	Dr. Mukesh K. Gupta	18th May, 2010	Kunkun University
53	Prof. H. S. Hans Gill	14 May, 2010	Panjab University, Chandigarh
54	Prof. S. S. Sane	13th May, 2010	Department of Mathematics, Mumbai University
55	Prof. Aijaz Matto	10th-11th May, 2010	Head Mgt. Department, Islamic University
56	Mr. Ranbir Katal	8th May, 2010	CTO, Reliance
57	Mr. Vinay Sharma	8th May, 2010	Production Head, Berger Paints
58	Mr. Vivek Tyagi	26th March, 2010	HR Manager, Coke India
59	Dr. T. Prasad	29-30 March, 2010	Asstt. Professor, NITIE, Mumbai
60	Mr. John Guria	26th March, 2010	Research Officer, RBI, Jammu
61	Mr. Harsh Kulshreshta	13th March, 2010	Banking onbudsman, North India, RBI
62	Mr. Arnab Roy	13th March, 2010	Regional Director, RBI, Jammu
63	Smt. Shyamala Gopinath	13th March, 2010	Deputy Governor, RBI
64	Ms. Mansi Gupta	8th March, 2010	Director, JD Institute of Fashion , Jammu
65	Prof. B.B. Battachary	5th March, 2010	VC, Jawaharlal Nehru University, Delhi
66	Mr. Jaivardhan	6th March, 2010	Marketing, J&K
67	Mr. Sandeep Kumar	26th March, 2010	Manager, RBI, Jammu
68	Prof. C.C. Gujrati	10th Feb., 2010	Vadodara
69	Mr. Vikash Shah Chief	15th Feb., 2010	COO, Water Health India Pvt. Ltd., Secundrabad
70	Mr. D. K. Bakshi	26th Feb., 2010	VP (HR), Indorama, Bankok
71	Mr. Gunjan Raina	26th Feb., 2010	Country Head, Global Talent Consultant, New Delhi
72	Prof. B. N. Mandal	10th Jan., 2010	Indian Statistical Institute, Kolkata
73	Prof. S. D. Gore	10th Jan., 2010	Department of Statistics, University of Pune
74	Ar. Harinder Arora	-	Office of Chief Ar., J&K Govt., Jammu
75	Ar. Sanjay Gupta	-	RP Educational Trust, Group of Inst., Karnal
76	Ar. B.V. Sharma	-	M/s BV Sharma & Associates

Comparision of Visitors



EVENTS OF THE YEAR

Concordance 2010 celebrated at SMVDU

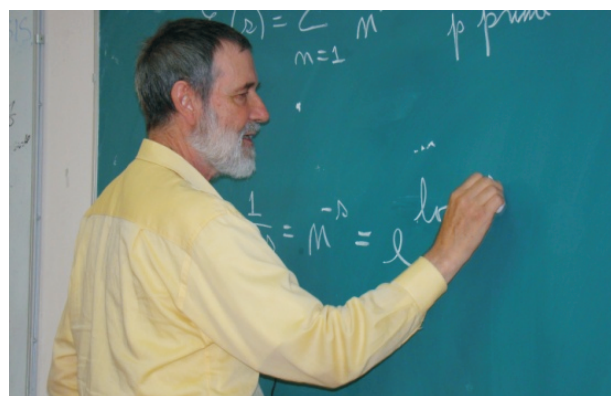
Concordance 2010, an official meet of the first year students, was organized on 25th September in the Matrika Auditorium. The function began with a welcome address and formal introduction of "Concordance" by the Student Secretary, Mr. Vipul Jain followed by various solo and group performances including dance, music and songs interspersed with introductions of the freshers. The freshers along with their immediate seniors also performed a skit on the theme "Nasha" in which the issue of drug abuse was highlighted. Around 500 students, members of faculty, staff and their families were the witness of the cultural evening.



Hon'ble Vice Chancellor Prof. R.N.K. Bamezai graced the occasion with his presence and wished the freshers a fruitful life in SMVDU and a bright future ahead. The event concluded with the expression of a sense of gratitude by the Cultural Secretary Ms Suberta Manhas.

Second Lecture of SMVDU Colloquium Series Delivered

Prof. P. M. Gauthier, Adjunct Professor, Department of Mathematics, University of Montreal, Canada delivered the second lecture on the topic, "Riemann Hypothesis" as a part of the SMVDU Colloquium Series on September, 22, 2010. Prof. Gauthier gave an introduction of 'Riemann Zeta function' and talked about the truth of the hypothesis in different situations. This function attempts to generate the frequency of prime numbers. He also highlighted its applications in Physics and its occurrence in Applied Statistics (Zipf's Law and ZipfMandelbrot Law). He also discussed its use as one possible means of regularization of divergent series in quantum field theory. The talk was



attended by Faculty Members, Research Scholars, students of M.Sc Mathematics & various streams of B.Tech program. Dr. V. K. Bhat, Director, School of Mathematics introduced Prof. Gauthier to the audience and thanked him for his visit to the University.

Software Freedom Day 2010 Celebration



In resonance with the previous trends, the OSUM SMVDU club celebrated SOFTWARE FREEDOM DAY, 2010 on 18th September, 2010. Software Freedom Day (SFD) is a worldwide celebration of Free and Open Source Software (FOSS). The principles behind FOSS are underpinned by the users' freedom to run, copy, distribute, study, change and improve the software. Software Freedom is an event with thousands of teams from all around the world running local events to help their communities understand software freedom. The OSUM SMVDU club was one such team. The most graceful part of the event was the surprise visit by the Vice Chancellor, Prof. R.N.K. Bamezai.

Prof. Bamezai's thoughtful and knowledgeable words acquainted the students with

the most of what was needed on the day. He exposed the audience with the practicality of open source and its practical uses. Prizes, certificates and goodies were distributed by Honorable Vice Chancellor and Dean College of Engineering, Prof. M. L. Garg to the winners of the competitive events.

MarketINE the Marketing Club of SMVDU organized a 'BOLOBANAO' competition

MarketINE the Marketing Club of SMVDU organized a 'BOLOBANAO' competition comprising of debate and a collage making competition in the campus on 20 September, 2010. The topic of the contests was "Common Wealth Games- A right step towards promoting brand INDIA". Five groups of students from College of Management participated in the event. Mukul Raina (MBA Semester III, Group I) and Archana Gupta (MBA (BE) Semester I, Group II) were the winners for the motion and against the motion of the debate competition respectively. The debate competition brought forth the various vies on the common wealth games based upon its timing in reference to the economic condition of the country as well as the investment opportunities in India by the foreign investors. The debate generated views in favor as well as against the topic. The collage making competition was won by Monika Sambyal (MBA Semester III, Group I), who described the balance of dark and bright aspects of the common wealth games in India.

Workshop on Bioinformatics concludes at SMVDU

The 4-day workshop on "Bioinformatics: Converting Data to Knowledge base" jointly organized by the School of Biotechnology, Shri Mata Vaishno Devi University (SMVDU) and School of Biotechnology, University of Jammu (JU) concluded at SMVDU on September 10, 2010. Prof R N K Bamezai, VC SMVDU, the chief guest, during the valedictory function, while speaking, congratulated both Universities for their collaborative effort and expressed the need of



further strengthening the ties among the institutes of the region in research and development. He also elaborated on how Bioinformatics, which started as a tool in biotechnology research, have now developed into a separate field of research. Prof Bamezai also stressed on the young researchers to take up the challenges in order to fill the present day lacunae in the field of Bioinformatics. Earlier, Prof M K Dhar, Coordinator, Bioinformatics Centre and Director, School of Biotechnology, JU, in his address highlighted the main aim of organizing such workshops. Dr V Verma, Coordinator, Bioinformatics Centre, Dean and Director, School of Biotechnology, SMVDU in his keynote address paid gratitude to the universities and the Department of Biotechnology, GoI, for their support in these endeavours. The delegates also shared their experiences on the occasion and a detailed report of different sessions was also read during the valedictory function. The workshop was held in two phases with the inaugural ceremony and the first two-day sessions at the University of Jammu (JU) and culminated at SMVDU.

Symposium on Gandhi's Two Weapons Truth & Non-Violence

In association with the Gandhi Global Family (GGF), the Debate Club of University organized a symposium on the theme "Gandhi's Two Weapons Truth & Non-Violence" on 31st August 2010. After the welcome address, Shri S.P. Verma, National Vice President, GGF, introduced the objectives of the Family. He informed that GGF was established by renowned social activist and Padma Bhushan Ms Nirmala Deshpande with an objective to propagate the Gandhian principles at national and international level in order to attain peace and harmony. Jenab Ghulam Nabi Azad, Hon'ble Union Minister for Health & Family Welfare, is the National President of the Family.



One day workshop on MeLTs held at SMVDU

One-Day workshop on MeLTs was organized at University on 29 August, 2010 to sensitize teachers about the importance of ICT based education and e- Learning technologies. The workshop covered the importance of MeLTs, The Mobile e- Learning terminals a project sanctioned by MHRD GOI under National Mission on education through ICT and the Need Assessment survey conducted to highlight the importance of ICT based education especially in the remotest areas. Various



principals and faculty members from Jammu, Udhampur and Reasi districts of different colleges, higher secondary and high schools participated in the workshop. The Chief Guest of the function Prof M.L. Garg Dean College of engineering SMVD University after welcoming all the participants highlighted the importance of providing awareness to the students about computer based education and current trends in IT Application. The MeLTs co-ordinator, Mr. Ajay Kaul talked on the MeLT objectives and content management whereas the technical assistant of the project presented the application of networking in MeLTs.

Dogri Sanstha donates Books to University Library

School of Languages and Literature, Shri Mata Vaishno Devi University organized a special Lecture on “Development of Dogri Language and Literature” in the university campus on 27 August, 2010. Prof. Lalit Magotra, President *Dogri Sanstha* delivered the talk and welcomed the move of University in the direction of native languages under the stewardship of Prof. R.N. K Bamezai . In his lecture, Prof. Magotra dwelt upon the history and development of Dogri language and Literature and suggested some areas of research in Dogri language and literature particularly related to the History and folk-literature of this region. Earlier, Prof. Magotra accompanied by other member of *Dogri Sanstha*, Mr. Gyanendra, a



renowned Dogri poet donated books to the Vice Chancellor Prof. Bamezai for the University Library. The books included some publications of *Dogri Sanstha* and some short stories and collection of poems. Prof. Bamezai appreciated the effort of *Dogri Sanstha* and thanked them for their contribution in giving a fillip to proposed research in native languages in the University. Welcoming the guest speaker, Dr. Vandhana Sharma, Director, School of Languages and Literature highlighted the significance of research in native languages which are endangered in the present era of neo colonialism. Prof. R.S Misra, Dean of the College thanked Dogri Sanstha and gave his blessings. All students and scholars of School of Languages and Literature and School of Philosophy and Culture participated in the talk.

School of Architecture & landscape Design organised Plantation Drive

On the occasion of Plantation Drive Day, School of Architecture & Landscape Design organized a Plantation Drive in the University campus on August 25, 2010. Prof. R.N.K Bamezai, the Vice Chancellor was the chief Guest on the occasion and planted saplings. In his address, Prof. Bamezai appreciated the initiative of the School of Architecture & Landscape Design and highlighted the significance of such drives which initiated at a micro level can have a global spectrum. The Registrar, Ms. Roop Avtar Kaur, Prof. C.L Razdan and Dr. Vandhana Sharma also planted the saplings on the occasion. All faculty members and students joined the drive following the national mission: Each One Plant one.



Workshop on Literary Theory vis-a-vis Text

School of Languages & Literature organized a One-Day Workshop on Theory Vis-à-vis Text on August 13, 2010. The workshop was inaugurated by the Vice Chancellor Prof. R.N K Bamezai. The students and the faculty of the Colleges of Humanities & Social Sciences and several faculty members and students of University of Jammu and various constituent colleges participated in the workshop. Welcoming the participants Dr. Vandhana Sharma, Director of the School stressed the need of such inter-disciplinary discourse as the initial event of the School in the new academic session. The Vice Chancellor, Prof. Bamezai in his inaugural address described dwelt upon the interaction between Sciences, Technology and Language Studies. He also spoke of achievements in Genomic research by Indian scholars and added that personally he believed in a divine purpose behind all human activity. Prof. G.K Das, former Vice Chancellor of Utkal University and a retired professor of University of Delhi, in his keynote address urged the younger generation of scholars to strive and make a mark in original thinking and research without been subservient to theories propounded by the Western world.

Special Lecture Series started in School of Languages & Literature

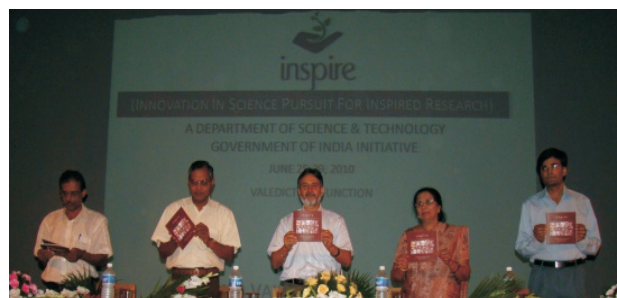
A Special Lecture Series commenced in the School of Languages & Literature on 11 Augut, 2010 with an inaugural lecture by an erudite scholar of international repute Prof. G.K Das, Retired Professor of English, University of Delhi, former Director, University of Delhi South Campus and former Vice Chancellor, Utkal University, Bhubaneswar. The topic of the talk



was: **Contemporary Literature in English & the Indian Reader**. In the lecture, Prof. Das discussed how the evaluation of a literary text or of an author now depends on a number of parameters chosen by the reader. He highlighted that the Indian reader's approach to literature is most certainly to have been conditioned by a complex range of indigenous as well as 'alien' / hybridized factors that might have gone into the making of her/his mind. How does an Indian reader, then, establish her/his originality, as distinguished from that of an American, British or European reader, for instance? The second lecture of the Series was delivered by Prof. Das in the afternoon on another topic of contemporary relevance: **Rethinking Modernism and Postmodernism**.

DST Sponsored Science Camps- INSPIRE-I & INSPIRE-II

The Second five-day, Department of Science and Technology (DST), sponsored "Innovation in Science Pursuit for Inspired Research (INSPIRE)", Science Internship Camp concluded today. While addressing the gathering, Prof. R.N.K.Bamezai, Vice Chancellor, Shri Mata Vaishno Devi University said that INSPIRE is a small step and if taken seriously it can transform our country in foreseeable future. He said that it is not constant exposure that matters, sometimes, it is just one initiative or a drop here and there that can make a whole lot of difference. He said that INSPIRE has all the elements to help motivate the younger generation, and to transform them into capable human resource in S&T. Inventions often happen by chance, however that does not mean that students should not organize themselves. Professor Bamezai thanked all the eminent scientists and academicians who had come to mentor the students in the camp from all over the country. Speaking during the valedictory function, Prof A K Susheela, Executive Director, Fluorosis Foundation, New Delhi summed up the camp and said that she has not seen such a well structured and well



organized scientific programme. She appreciated the enthusiasm shown by the attendees of the camp who had assembled in SMVDU, representing almost all the districts of Jammu and Kashmir. Prof Susheela appreciated the organizers of the camp for inviting the best brains in science as mentors.

Third Alumni Meet held at SMVDU



The third Alumni Meet 'Sankalp-to be together' held at Shri Mata Vaishno Devi University. The participation of 150 alumni across the country in Sankalp 2010 was an electrifying event. The Vice Chancellor, Prof.R.N.K Bamezai was Chief Guest on the occasion. In his address, Prof. Bamezai wished the SMVDU Alumni Association to be ever progressive in quality and quantity thereby providing guidance to the younger colleagues within the University regularly. He also mentioned that Alumni are the torchbearers and the brand ambassadors of the University whose contributions will enhance the institutional pride through this mode of electronic connectivity which has been designed with an input from SMVDU Alumni around the Globe. Deans of all four Colleges addressed the alumni, who were taken down the memory lane after an interaction with their teachers.

Governor inaugurates NASA Convention 2010

His Excellency the Governor of J&K, Sh .N.N Vohra inaugurated the Annual Zonal Convention of the National Association of Students of Architecture (NASA) for North Zone at Shri Mata Vaishno Devi University on 12 March, 2010. Welcoming the Chief Guest and Guest of Honor, His Excellency the Governor of J&K, Sh .N.N Vohra and First lady of the State Mrs. Usha Vohra, the Vice Chancellor of SMVDU, Prof. R.N K Bamezai highlighted the quantum of efforts put in by students of the School of Architecture and Landscape Design and expressed hope that the NASA convention at SMVDU would be a historic occasion for University. His Excellency, Sh. N.N Vohra the Governor of



J&K expressed satisfaction over the ZONASA being held at SMVD University and congratulated the Vice Chancellor and Prof. S.V Thakur, Director SALD SMVD University. In his address, His Excellency traced the architectural history of India from post colonial perspective and emphasized the significance of architecture in the present era of burgeoning population and shrinking land. H. E expressed hope that the convention at SMVD University will be highly fruitful in this context as 700 young minds from 23 states of the country who are participating in the convention will come up with revolutionary ideas.

VC JNU visits SMVD University

A distinguished economist of the country and Vice-Chancellor of the Jawaharlal Nehru University, Prof. B.B. Bhattacharya visited Shri Mata Vaishno Devi University and lauded the Vice Chancellor of Shri Mata Vaishno Devi University, Prof. Bamezai and his team in laying down a strong foundation, in the form of physical infrastructure and academic discipline, for the evolution of a University of high standards. During his visit to the College of Management, Prof. Bhattacharya had an interactive session with the students of Business and Business Economics. Emphasizing the importance of fundamental concepts and



theories of Economics, he asked the students to carefully watch their application in the real world. Leading the discussion towards the reasons of recent recession faced by the world economy especially America, he enlightened the students with the vital responsiveness for one important theorem in Economics i.e. 'Law of Diminishing Marginal Returns'.

Book launched by the Honourable Vice-chancellor Prof. R. N. K. Bamezai and Dr. Indresh Kumar

On Dated 11 June 2010, Honourable Vice-chancellor Prof. R. N. K. Bamezai, launched the book titled "ENGINEERING CHEMISTRY" written by Dr. Indresh Kumar, Faculty member from school of biotechnology, SMVD University and co-author Mr. Yogesh Mathur. This book provides the basic understanding of chemistry for the engineering students according to the syllabus of All India Council of Technical Education. Dr. Anil Kumar, Faculty, School of Biotechnology and Mr. Sunil Seth from NOVATECH SCIENTIFIC & INFORMATIONS were also present during this function. Prof. Bamezai said that this is a good beginning from a young faculty member of this university and also encouraged for such efforts in future.



TATA Consultancy Services (TCS) Accredits SMVDU for Campus Placements

Accreditation Team from Tata Consultancy Services visited Shri Mata Vaishno Devi University between 3rd 5th March 2010 for accreditation of the Engineering programs of the university. Accreditation Team interacted with the Vice-Chancellor, Faculty and Students and visited all the facilities available within the university. Main objective of the accreditation was to evaluate the Quality of Students, Teaching and Learning process and Infrastructure as per the standards of TCS. Based on interactions and assessment during the visit, TCS has finally accredited Shri Mata Vaishno Devi University. This accreditation will help SMVDU to have fruitful association with TCS particularly for Campus recruitment of students

Entrepreneurship Development Cell established

Three-Day Entrepreneurship Awareness Programme, an initiative taken by AICTE sponsored Entrepreneurship Development Cell, at Shri Mata Vaishno Devi University was inaugurated on 19th February, 2010 by the Vice Chancellor Prof. R. K. Bamezai. In his inaugural



speech the Vice Chancellor stressed on the importance of being job creators rather than being job seekers. He lauded the efforts of College of Management in providing the platform in the form of Entrepreneurship Development Cell for the young minds that can venture out in the world of entrepreneurship, build intellectual property, and create wealth and more employment opportunities in the market. At this occasion The Registrar of the University, Mrs. Roop Avtar Kaur (IFS), Registrar SMVDU, graced the occasion and assured full support to the organizers for the successful conduct of the programme.

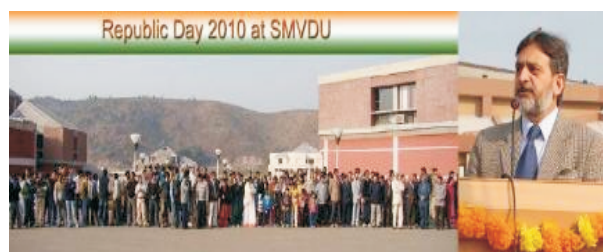
Campus Recruitment by Mahindra & Mahindra Ltd. for MFCWL

Mahindra & Mahindra Ltd. conducted campus recruitment at Shri Mata Vaishno Devi University on 12-14 February 2010 and offered 07 students to be the part its latest and ambitious venture sector MFCWL. Campus recruitment team from MFCWL Mumbai adjudged a total of 65 students through its rigorous process spread over three days. Prof. R.N.K. Bamezai Vice Chancellor, SMVDU congratulated the final selects from College of Management (Eroz Singh, Vivek Gupta, and Ankush Shrama) and from School of Mechanical Engineering (Rahula Bakaya, Ishan Verma, Sahil Gupta, and Dheeraj Manhas).

Tricolour unfurled at SMVDU

The 61st Republic day of India was celebrated in the University with an impressive and colorful function. The Vice Chancellor Prof. R.N K Bamezai unfurled the Tricolor. In his address, Prof. Bamezai greeted the faculty, staff and students at the Republic day and highlighted the genesis of this historic day from Puran Swaraj to enshrining of the Constitution and the oath taking ceremony of the First president of Democratic India in 1949. Referring to the

Constitution of India and highlighting it in the Gandhian perspective, Prof. Bamezai mentioned that the fundamental rights enshrined in the Constitution of India should not be expected by the Citizens without performing their duties. He expected that every teacher and student, who is aware of his rights, will realize his duties as the citizen of India as well.



Prof. Bamezai appointed as Third Vice Chancellor of University

Prof R N K Bamzai, an eminent scientist in the field of Human Genetics and Genomics, took over as the third Vice Chancellor of Shri Mata Vaishno Devi University on 25 January, 2010. Prof Bamzai is a Doctorate in Human Genetics from the All India Institute of Medical Sciences (AIIMS), New Delhi, and has worked as the Professor of Genetics and Director, National Centre of Applied Genetics, Jawaharlal Nehru University, New Delhi. Prof Bame zai is also a member of the International Association of Environmental Mutagen Societies and Fellow of the National Academy of Sciences (FNASc), National Academy of Medical Sciences (NAMS) and International Medical Sciences Academy (IMSA). He is credited with more than 29 years experience of teaching and guiding research in various Universities and has trained more than 300 researchers in the past seven years in the area of Human Genetics and Genomics. He has also lectured at various Universities abroad and authored nearly 100 research papers published in eminent journals within and outside the country. Currently, he is a member of several important UGC committees and executive councils of Pondicherry University and Cultural University of Jharkhand. All Deans, Directors and Registrar welcomed Prof Bamezai and accompanied him to the Secretariat to take over his new assignment as Vice Chancellor of University.

Education UK Information Centre launched

The British Council is the United Kingdom's international organisation for educational opportunities and cultural relations. British Council has registered charity; 209131 (England and Wales) SC037733 (Scotland). It also has engagement and trust for the UK through the exchange of knowledge and ideas between people worldwide. The Education UK Information centre in Central Library of SMVD University was inaugurated by Prof. R K Abrol on 23 Dec., 2009. Mrs. Roop Avtar Kour (IFS), Registrar SMVD University said this Centre will become bridge to create more awareness about education, life and work in UK, more over, this centre will facilitate better understanding and help students to make judicious choices for future.



Prof. V. Verma awarded Fellowship of Association of Microbiologists of India

On the basis of the recommendations of the Evaluation Committee, Central Council of Association of Microbiologists of India awarded two Fellowships (FAMI-2009) of the Academy of Microbiologists of India in 2009 during its 50th annual conference at NCL, Pune from Dec., 15-17, 2009 to Professor V. Verma, Dean College of Sciences & Director



School of Biotechnology, SMVDU, Katra and Dr. Praveen Rishi, Professor of Microbiology, Punjab University, Chandigarh. The award to Prof. Verma was given for his outstanding work in the field of Microbial Biotechnology. Prof. Verma has authored more than 80 publications and has 18 international patents to his credit. 2 technologies have been transferred to the private industries while 2 are under negotiation for the transfer.

SMVD University signed MOU with SFRI, J&K Govt.

A memorandum of Understanding was signed between State Forest Research Institute (SFRI) J&K Government and Shri Mata Vaishno Devi University, Katra on 3rd Dec 2009 in the university. Prof. N.K.Bansal, former Vice Chancellor, SMVDU and Dr. R.D. Tiwari, Director SFRI signed the MOU in presence of Dean of Engineering Prof. M.L.Garg, Dean of Sciences Prof. V.Verma, Dean of Humanities & Social Science Prof. R.S.Misra. Registrar Mrs. Roop Avtar Kour (IFS) and faculty of School of Biotechnology. The MOU will focus on enforcement for 3 years in the first instance and extendable with mutual agreement. SMVDU and SFRI will cooperate in mutual field of Research & Development, Education Training & Dissemination of Technology, and Knowledge of long term basis. Senior Faculty of Biotechnology of SMVDU will help SFRI in developing Research facilities in SFRI. SFRI will setup demonstration plots in varsity for which the latter will provide area in its campus.



International Philosophy Day Observed

The School of Philosophy and Culture of Shri Mata Vaishno Devi University Katra celebrated the International Philosophy Day on November 28, 2009. The Day is observed all over the world by UNESCO on every third Thursday of November in order to commemorate the birthday of Socrates, the great Greek philosopher. The celebration in the University consisted of a panel discussion on the theme of "Interrelationship between Philosophy, Science and Culture" in the morning session and a lecture on "Kashmir Shaivism and Culture" in the afternoon. Prof. Lalit Mangotra, Professor of Physics, Jammu University, who initiated the panel discussion, pointed out how the findings in science contributed to philosophy and the various ways in which philosophy, science and culture interact with one another. Prof. Bijoy H. Boruah, Professor of Philosophy, IIT Delhi, spoke of the dispassionate interest underlying the scientific pursuit and argued that cultural factors guiding scientific activity are not to be understood as stemming from the principles of science. Other panelists included Prof. Veda Kumari Ghai, Professor of Sanskrit (retd.), Jammu University, Dr. Varun K. Tripathi and Mr. Anil K. Tewari, Assistant Professor from SMVD University. The discussion was chaired by Prof. R.S. Misra, Dean, College of Humanities and Social Sciences, SMVD University.



SMVDU confers Honoris Causa upon Narayana Murthy at Second Convocation

Three hundred and thirty eight graduating students were given away degrees at the second convocation of Shri Mata Vaishno Devi University, including Doctor of Science (Honoris Causa) upon Sh N.R Narayana Murthy. Mr. Murthy, Chaiman Infosys who was the Chief Guest on the occasion was given way the degree by the Chancellor of University H.E N.N Vohra and Chief Minister of the state Jenab Omar Abdullah, Guest of honour.



First Batch of Artisans Complete Training under GOI sponsored program

Aimed at creating knowledge and resource centre for the handicraft artisans of the state, Govt. of India sponsored programme reached a successful culmination with 70 artisans completing their training in advanced technology related to wood working & metal working at Shri Mata Vaishno Devi University on 11 November, 2009. Project coordinator B.K.Bhatia said that second batch will be started very soon for which artisan have already submitted their applications.

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ANNEXURE- II

Conferences /Workshops/Seminars Organized

1. One Day Seminar on Medicinal Plants & Herbal Products, School of Biotechnology, Shri Mata Vaishno Devi University, Kakryal, 25 Feb.2010.
2. Anand Dev, Jammu University, Jammu delivered a talk on "Simulation and its applications" to the faculty of Comp. Sc. & Engg. on 8th April 2010.
3. Mr. Naveen Gondhi acted as coordinator for celebrations of Software freedom day, a worldwide initiative for open source technology.
4. Second National Biennial short-term course on 'MATLAB Applications in Electronics, Electrical & Computer Engineering' from 21st May-28th May, 2010.
5. National Conference on Advanced Manufacturing Techniques, Nov 5-6, 2009, organized by School of Mechanical Engineering, Shri Mata Vaishno Devi University, Katra.
6. National Conference on Recent Advances in Composites, March 12,13, 2010, Jointly organized by FRP institute, FIAAP, MSMEDI. KAFI, TIFAC at Hotel Taj Deccan, Hyderabad.
7. Student Seminar on 21 May, 2010. All students of M.A English batch 2008-2010 presented papers in the Seminar.
8. Extension Lecture delivered by Prof. K.B Razdan on the topic: Post modernist Problematics: The Literary Sisyphus on 26 March, 2010
9. Panel Discussion on Interrelationship between Philosophy, Science & Culture on International Philosophy Day held on 28th November, 2009 at SMVDU.
10. Special Lecture on Kashmir Shaivism and Culture by Prof. Ved Kumari Ghai on Interrelationship between Philosophy, Science & Culture on International Philosophy Day held on 28th November, 2009 at SMVDU.
11. Special Lecture on Human Desire and Peace of Mind by H.H. Swami Atmanand on 30th April, 2010 at SMVDU.
12. Three Days "Entrepreneurship Awareness Programme" w.e.f 19th to 21st Feb 2011 under Entrepreneurship Development Cell in association with SOBE.
13. One day Workshop on "Motivational Tools and Soft Skill Development" on 13.03.2010 under Entrepreneurship Development Cell in association with SOBE.
14. Three Days "Entrepreneurship Awareness Programme" w.e.f 19th to 21st Feb 2010 under Entrepreneurship Development Cell in association with SOB.
15. One day Workshop on "Motivational Tools and Soft Skill Development" on 13.03.2010 under Entrepreneurship Development Cell in association with SOB.
16. Sharma Suparn Conducted 14 days Faculty Training Programme as Sole Programme coordinator on "Applied Econometrics for Management Research", from 10th to 23rd July 2009.
17. SMVDU Colloquium Series on August 13, 2010. The inaugural lecture in the series was delivered by Prof. Jainendra K. Jain, Erwin W. Mueller Professor of Physics, Department of Physics, The Pennsylvania State University. The title of the inaugural lecture was "Exotic particles in MOSFETs: An intriguing road to quantum computation?"
18. Special lecture series in the School of Languages and Literature on August 11, 2010. The inaugural lecture in the series was delivered by Prof. G.K. Das, Retired Prof. of English, University of Delhi, former Director, University of Delhi South Campus and former Vice Chancellor, Utkal University, Bhubaneswar. The topic of the talk was: Contemporary Literature in English & the Indian Reader. The second lecture of the series was delivered by Prof. Das in the afternoon on another topic of contemporary relevance: Rethinking Modernism and Postmodernism.
19. Third lecture in the special lecture in the School of Languages and Literature on August 27, 2010 by Prof. Lalit Magotra, President Dogri Sanstha. The topic of the talk was "Development of Dogri Language & Literature.
20. Second Lecture in the SMVDU Colloquium Series was delivered on September 22, 2010 by Prof. P.M. Gauthier, Adjunct Professor, Department of Mathematics, University of Montreal, Canada. The topic of the talk was "Riemann Hypothesis".
21. One-day workshop on the theory vis-a-vis Text was organised by School of Languages and Literature on August 13, 2010.

ANNEXURE- III

Papers presented/workshop/short term courses attended by faculty

1. Thakur S.V, Dogra V.K, Kumar Ashwani, Hazarika Arshia K. Sharma Sumant, Sharma Anoop from School of Architecture and Landscape design, attended a short term training course Wipro Mission 10x on “ High Impact Teaching Skills” held at Shri Mata Vaishno Devi University Katra on 30th Nov. – 04th Dec 09.
2. Kumar Ashwani, Sharma Sumant, Sharma Anoop, “Role of Building Regulations for Energy Optimization in Hill Towns”, presented in International conference on Advances in Renewable Energy ICARE 2010 held on June 24-26, 2010 at Department of Mechanical Engineering, MANIT Bhopal.
3. Sharma Sumant, School of Architecture & Landscape Design SMVDU, attended a short term course on green architecture and carbon free living from 18- 24 June-2009. This short term course was organised by Departments of Architecture, IIT Kharagpur.
4. Thakur S.V, Hazarika Arshia K, Sharma Sumant, Sharma Anoop from School of Architecture and Landscape design, attended advanced workshop Wipro Mission 10x on “ High Impact Teaching Skills” held at Shri Mata Vaishno Devi University Katra on 16th - 17th March 2010.
5. Kumar Ashwani, Hazarika Arshia, Sharma Sumant, Sharma Abhimanyu & Sharma Anoop from school of Architecture & Landscape Design, SMVDU attended the course on Passive Solar Building Design from 7-11th June-2010 was organised by Departments of Architecture, mechanical & civil engineering- NIT Hamirpur (H.P).
6. Verma, V. Genetic polymorphism in *Trichoderma* species. Proceedings of 50th Annual Conference of Association of Microbiologists of India (AMI-2009) NCL, Pune, 15-18 Dec. 2009: pp231-234.
7. Gupta, A., Narayan, J. and Potukuchi, S. M. Three Dimensional Structure Modelling and Analysis of Ribulose 1,5 Bisphosphate Carboxylase of *Hypericum perforatum*. The Eighth Asia Pacific Bioinformatics Conference (APBC 2010), Indian Institute of Science (IISc), Bangalore, Karnataka, 18-21 Jan. 2010: Poster ID 9.
8. Singh, B., Potukuchi, S.M. and Namdeo, R. Comparative modelling of 3-D structure for Hemagglutinin (Influenza A) and InSilico drug designing for H1N1 Influenza (2009) and toxicity check International Colloquium on Biotechnology, Department of Biotechnology, DAV College, Jalandhar; 27-28 Nov. 2009: pp. 113.
9. Trisal, S., Magotra, A and Potukuchi, S.M. Carbon sequestration - A method to combat global warming and climate change. International Colloquium on Biotechnology, Department of Biotechnology, DAV College, Jalandhar; 27-28 Nov. 2009: pp. 117.
10. Slathia, P.S., Mahajan, D., Gupta, S. and Sharma, P. Ethanol production from *Typha latifolia* using SSF. National conference on Emerging Paradigms in Biochemical Engineering. Banaras Hindu University, Banaras; Oct. 2009.
11. Slathia, P.S., Mahajan, D., Gupta, S. and Sharma, P. SSF for ethanol production from *Saccharum munja*. International Conference on Emerging trends in Biotechnology. Banaras Hindu University, Banaras; Dec. 2009.
12. Slathia, P.S., Mahajan, D., Gupta, S. and Sharma, P. Ethanol production from *Saccharum munja* using simultaneous saccharification and fermentation. The Third BioMicroWorld Conference. Lisbon, Portugal; Dec. 2009. (Published online).
13. Sharma, P., Somal, P., Kahjuria, R.K., Mehta, P. and Slathia, P.S. Production of 17 ketosteroids using *Nocardia* sp. The Third BioMicroWorld Conference. Lisbon, Portugal; Dec. 2009. (Published online).
14. Slathia, P.S., Chandan R, Kumar T, Sharma, P. and Verma, V. Jaiv Oorja: A biofuels Database. The Eighth Asia Pacific Bioinformatics Conference (APBC 2010), Indian Institute of Science (IISc), Bangalore, Karnataka, Jan. 2010.
15. Kumar A., Kapoor K.K. A mild and efficient method for the regioselective epoxide ring opening. 11th International Conference of the International Academy of Physical Sciences, Institute of Interdisciplinary Studies, University of Allahabad, Allahabad; 20-22, Feb. 2010.
16. Rai, V.K., Yadav, A. K., Singh, S., Singh, P., Yadav, L.D.S. N-Heterocyclic Carbene-Catalyzed Efficient Synthesis of Functionalized Enones, In 5th JK Science Congress, University of Jammu, Jammu; 8-10 Feb, 2010.
17. Singh, S., Singh, P., Rai, V. K., Yadav, L.D.S. Novel Synthesis of β -Amino Enones via

- organocatalytic ring opening of aziridines, CONIAPS, University of Allahabad, Allahabad, U.P.; 18-20 Feb, 2010.
18. Kumar, I., Rana, S., Cho, J.W. and Rode, C.V. "Click chemistry" as a tool for the functionalization of CNTs. National Conference on Nanomaterials and Nanotechnology (NCNN-2010), Visvesvaraya National Institute of Technology (VNIT), Nagpur, 18-20 Jan. 2010.
 19. Manoj Kumar attended AICTE sponsored staff development program on "Wireless & Wimax Issues" from Jul 05, 2010 – Jul 16, 2010 at Sant Longowal Institute of Engg. & Tech. (SLIET), Longowal, Punjab, India.
 20. Koul Ajay presented a paper during the 5th JK State Science Congress at Jammu University 8-10 Feb, 2010.
 21. Koul Ajay attended workshops on cloud computing at NIT Hamirpur in December 2009.
 22. Koul Ajay participated as invited expert in "4th Regional Workshop of MeLT Project" a nationally coordinated project funded by MHRD, GOI at IIT Roorkee, on 13th Feb, 2010.
 23. Koul Ajay participated as invited expert in "2nd Regional Workshop of MeLT Proejct" a nationally coordinated project funded by MHRD, GOI at Panjab University, Chandigarh on 2nd December, 2009.
 24. Koul Ajay participated as invited expert in "Regional Workshop of MeLT Proejct" a nationally coordinated project funded by MHRD, GOI at Panjab University, Chandigarh on 15th October, 2009. Presented the results of NAS-I during this workshop.
 25. Nehra Neeraj attended Summer School SENSUS 09 from 29th June-3rd July 2009 at Budapest University of Technology and Economics in Keszthely, Hungary.
 26. Kumar Manoj attended MHRD/AICTE sponsored short term course on "Cloud Computing" (CC-09) from Dec 28, 2009 – Jan 01, 2010 at National Institute of Technology, Hamirpur (Himachal Pradesh).
 27. Gupta Sunanda presented a paper titled "GA Implementation of the MultiDimensional Knapsack Problem using Compressed Binary Tries" in UGC sponsored National Conference on Recent Trends in Information Technology RTIT (2009).
 28. Gupta Sunanda presented a paper titled "Mobile Agent Based Approaches for Fault Tolerance" 2nd National Conference on Emerging Principles & Practices of Computer Science & Information Technology EPCSIT (2009).
 29. Arora Sakshi presented a paper titled "New Hybrid Evolutionary Algorithm for Solving the Bounded Diameter Minimum Spanning Tree Problem" at UGC sponsored National conference on 'Recent trends in Information technology (RTIT 2009)", Sep, 2009, Bangalore.
 30. Arora Sakshi presented a paper titled "Solving the bounded Diameter Minimum spaning tree" at 4rth JK Science Congress, 'Recent trends in Information technology (RTIT 2009)", Feb, 2010, University of Jammu.
 31. Arora Sakshi presented a paper titled "A mobile agent based intelligent immune Network Intrusion Detection architecture" at National Conference on "Emerging Principles and Practices of Computer Science and Information Technology (EPPCSIT 2009)", Sep 2009, Ludhiana.
 32. Gondhi Naveen attended a workshop on "High Impact Teaching Skills" sponsored by Dale Carnegie & Associates, Inc. Trainer and WIPRO held on 30-11-09 to 04-12-2009 at Shri Mata Vaishno Devi University, Kakryal- Katra(J&K).
 33. Sharma Pooja attended a workshop on "High Impact Teaching Skills" sponsored by Dale Carnegie & Associates, Inc. Trainer and WIPRO held on 30-11-09 to 04-12-2009 at Shri Mata Vaishno Devi University, Kakryal- Katra(J&K).
 34. Sharma Sanjay Kr. attended MHRD/AICTE sponsored short term course on "Mobile Computing" at National Institute of Technology, Hamirpur (Himachal Pradesh).
 35. Sharma Sanjay Kr. attended a workshop on "High Impact Teaching Skills" sponsored by Dale Carnegie & Associates, Inc. Trainer and WIPRO held on 30-11-09 to 04-12-2009 at Shri Mata Vaishno Devi University, Kakryal- Katra(J&K).
 36. Sharma Sanjay Kr.attended MHRD/AICTE sponsored short term course on "Cloud Computing" (CC-09) from Dec 28, 2009 – Jan 01, 2010 at National Institute of Technology, Hamirpur (Himachal Pradesh).
 37. Prakash Deo attended a workshop on "High Impact Teaching Skills" sponsored by Dale Carnegie & Associates, Inc. Trainer and WIPRO held on 30-11-09 to 04-12-2009 at Shri Mata Vaishno Devi University, Kakryal- Katra(J&K).
 38. Prakash Deo attended MHRD/AICTE sponsored short term training programme on "Recent Treads in Digital Signal Processing(RTDSP-09)" held on 7th to 11th December-2009 at ABV-

- Indian Institute of Information Technology & Management (Gwalior).
39. Sabraj Manish, Kakkar Vipan, Abrol R.K, "Spectrum Estimation of Signal from the Noisy Measurements using Window-Based and AR Model-Based Methods", International Conference on Engineering Innovations, Feb. 2010.
 40. Sabraj Manish, Kakkar Vipan, Abrol R.K, "Spectrum Estimation using FFT", National Conference on Emerging Trends in Electronics Engineering and Computing, Feb. 2010.
 41. Jha Kumud Ranjan and Singh Ghanshyam, "Analysis of Dielectric Permittivity and Losses of Two- layer Substrate Materials for Microstrip Antenna at THz Frequency," IEEE Int. Conf. on Advances in Recent Communication and computer, Kottayam, Kerala, India, Oct. 27-28, 2009, pp. 672-675.
 42. Jha Kumud Ranjan and Singh Ghanshyam, "Improved Performance Analysis of Square Patch Microstrip Antenna at Terahertz Frequency" IEEE Int. Conf. on Advances in Recent Communication and computer, Kottayam, Kerala, India, Oct. 27-28, 2009, pp. 676-679.
 43. Jha Kumud Ranjan and Singh Ghanshyam, "Microstrip Patch Antenna on Photonic Crystal Substrate at Terahertz Frequency," IEEE Int. Conf. on Advances in Electromagnetic Communication, , Kolkata, India, Dec. 14-16, 2009.
 44. Jha Kumud Ranjan and Singh Ghanshyam, "Dual-Frequency Terahertz Rectangular Microstrip Patch Antenna," IEEE Int. Conf. on Advances in Electromagnetic Communication, Kolkata, India, Dec. 14-16, 2009.
 45. Jha Kumud Ranjan and Singh Ghanshyam, "Design Consideration of Rectangular Microstrip Antenna on Two-layered Substrate at THz Frequency,"12th International Symposium on Microwave and Optical Technology, New Delhi, India, Dec. 16-19, 2009, pp. 950-954.
 46. Jha Kumud Ranjan, Rao S.V.R.K, and Singh Ghanshyam, "Constructive Interference in Yagi Uda type Microstrip Terahertz Antenna on Photonic Crystal,"33rd IEEE Sarnoff Symp. Princeton, New Jersey, USA, 12-14 Apr. 2010.
 47. Garg Amit Kumar, "Capacity Improvement Technique for Optical Switching Networks" International Conference on Computing: Update and Trends, February 6th, 2010 JIIT, Ghaziabad.
 48. Garg Amit Kumar, Kaler R.S, "Burst Dropping Techniques Supporting Differentiated Services for Optical Networks" National Conference on Recent Advances in Computational Techniques in Electrical Engineering (RACTEE-2010), SLIET, Longowal Sangrur (Punjab), 2010.
 49. Gupta Sumeet, Verma Shekhar, Tomar G S, Abrol R.K, "Wireless Sensor Network based Industrial Monitoring & Diagnostic System", IEEE sponsored 1st International Conference on Computational Intelligence, Communication System & Networks, Indore July, 2009.
 50. S.B Kotwal, Nigam Suryansh, Verma Shekhar, R.K Abrol "Multi-hop Multi-anchor based Localization Algorithm for Wireless Sensor Network" in IEEE sponsored International Conference, WCSN 2009, Allahabad, 2009.
 51. S.B Kotwal I, Nigam Suryansh, Verma Shekhar, Abrol R.K" Multi-hop Adaptive Iterative Localization for Wireless Sensor Networks" cicsyn, pp.149149-154, 2009 First International Conference on Computational Intelligence, Communication System & Networks.
 52. Kotwal Shashi Bhushan, Assistant Prof. attended AICTE sponsored Faculty Training Programme on "Applied Econometrics for Management Research" at SMVD University Katra (J&K) from 10-23 July 2009
 53. Pandit Amit Kant, Lecturer attended AICTE sponsored Faculty Training Programme on "Applied Econometrics for Management Research" at SMVD University Katra (J&K) from 10-23 July 2009.
 54. Suri Ashish attended two day workshop on "Research Issues in Modern VLSI Devices" at NIT Hamirpur (H.P) on 6-7th Nov, 2010.
 55. Kotwal Shashi Bhushan, Assistant Prof. attended AICTE sponsored International Workshop on "Wireless Communication & Sensor Networks" WCSN-2009" at IIIT Allahabad from 15-17 Dec. 2009.
 56. Ranjan Jha Kumud, Asstt. Prof. attended an International symposium on Microwave and Optical Technology, New Delhi, India on 16-19th Dec, 2010.
 57. Sharma Dinesh and Singh Narrotam, Lab Assistants underwent a training program on "Repair & Maintenance of CRO & Function Generator" at NITTTR Chandigarh from 15-19th Feb. 2010.
 58. Course on Passive Solar Building Design during June 7-11, 2010, Deptt. of Mechanical, Civil and Architecture Engineering, National Institute of Technology, Hamirpur (HP) India.

59. Course on Energy & Environment Management during May 10-14, 2010, Deptt. of Mechanical, Civil and Architecture Engineering, National Institute of Technology, Hamirpur (HP) India.
60. Sharma Ritesh, Singh Balbir, Malhotra Navdeep & Saini Abhijit,, Study of Total Productive Maintenance and its applications in the industries. National Conference on Advanced Manufacturing Techniques (NCAMT-2009) SMVDU, Katra. 2009.
61. Kumar Sanjay, Singh Balbir. Study Of Niosh Equation And Its Application In Manual Load Lifting Jobs In Industries All India Seminar on Ergonomics for Improved Productivity Aligarh Muslim University, Aligarh. 2009.
62. Singh Balbir, Kumar Sudhir and Kumar Jatinder. Study of Various challenges iin Electro-Discharge Machining Process (EDM). National Conference on Emerging Trends in Computational Science and Engineering KEC, Ghaziabad. 2010.
63. Singh Balbir, Kumar Sudhir and Kumar Jatinder. A Review of Electro-Discharge Machining of Aluminium Metal Matrix Composite. 3rd International Conference on Advances in Mechanical Engineering, SVNIT.
64. Kumar Sudhir, Kumar Pradeep, Shan H.S, Rajesh Bhushan.“Parametric Optimization of Percent Deviation for Casting dimensions in VAEPC Process by Using Taguchi Technique”. International Journal of Manufacturing Research.4, 2009. Pp.395-409.
65. Kumar Bhushan Rajesh, Kumar Sudhir, and Das. S“An Investigation of Machinability of SiC Particle reinforced Al-MMC” International conference on Advances in Mechanical Engineering (ICAME 2009), N. I. T. Surat 2009.
66. Advanced Engineering Optimization through Intelligent Techniques Institute, SVNIT, Surat, 13-07-09 to 17-07-09.
67. Anand Yatheshth, Finite Element Mesh Orientation, Vdm Verlag, Berlin, Germany, 2010.
68. Attended a Seminar on “Nanotechnology and Nano-devices” held at Jammu University.
69. Shahu R.K., Data Management System, NCAMT-2009, S.M.V.D.University, Katra, 5-7 Nov, 2009.
70. Sharma Vandhana, Attended Two-Day ELTAI Chapter Leadership Development Workshop supported by IATEFL & Hornby Trust UK at Delhi, 16-17 April, 2010.
71. Sharma Vandhana, Participated in International MELUS MELOW Conference on Literature and Culture since 1980, Panjab University Chandigarh February 2010.
72. Sharma Vandhana, Attended General Orientation Course offered by Academic Staff College University of Jammu. December 5, 2009 - January 5, 2010
73. Sharma Vandhana, Presented a paper entitled: “ I am the land, the land is me: Travails of peasants in Steinbeck's The Grapes of Wrath, Premchands's Godan and Pt. Ramnath Shastri's Baba Jitto” in a National Seminar on Literature of Farmland: 1850- 1950, BPS Mahila Vishvavidyala Sonipat. September 2009.
74. Gupta Garima, Attended, 5 days workshop on High Impact Teaching Skills organized by Mission 10X Wipro in collaboration with SMVD University, Katra, Dec 2009.
75. Gupta Garima, Participated in a two day workshop on Development of Self Learning Material organized by the Directorate of Distance Education, University of Jammu, Jammu, Feb 2010.
76. Gupta Garima, Participated and presented a paper entitled “a pair of stairs to marriage” in the 1st International Conference organized by Maharishi Dayanand University, Rohtak in collaboration with The Shakespeare Association, October 2009.
77. Gupta Garima, Participated and presented a paper entitled “Assaulting the Darkness: A Feminist Critique of Kiran Desai's The Inheritance of Loss, March 2010.
78. Misra R.S, visited Akhil Bharatiya Darshan Parishad as Observer appointed by Indian Council of Philosophical Research, New Delhi, held from 6-8 November, 2009, University of Jammu.
79. Tripathi V.K, presented a paper titled 'Science as a Cultural Institution' in Panel Discussion on Interrelationship between Philosophy, Science & Culture on International Philosophy Day held on 28th November, 2009 at SMVDU.
80. Tripathi V.K, presented a paper titled 'Reason and Intuition: The Status of Indian Philosophy' in First Asian Philosophy Congress held from 6-9 March 2010 at JNU, New Delhi.
81. Tewari Anil K, presented a paper titled 'Interrelationship between Philosophy, Science and Culture' in Panel Discussion on International Philosophy Day held on 28th November, 2009 at SMVDU.
82. Tewari Anil K, presented a paper titled 'A Reflective Overview of God and Human Cloning' in the National Seminar on Meet the Philosopher: Dr. V.S. Rai, Govt. M.K.B. College for Women, Jabalpur, held from 5-6 February, 2010.

83. Tewari Anil K, presented a paper titled 'The Apoha Understanding of a Negative Expression' in First Asian Philosophy Congress held from 6-9 March 2010 at JNU, New Delhi.
84. Sharma Jyoti attended Staff Development Programme Analytical Techniques for Research: Statistical Methods, Econometrics & Time Series Analysis from 1st December to 8th December 2009.
85. Sharma Jyoti attended FTP on Applied Econometrics for Management Research during 10-23 July 2009 by SMVD University.
86. Mehta Sushil “ Women Empowerment: A Case – Analysis of Saadhna Microfin Society” in International Conference on Microfinance in Department of Commerce, School of Management, Pondicherry University, Pondicherry on 22nd -24th January 2010.
87. Mehta Sushil “Critical Evaluation of Jammu Theatre” in National Case Writing and Presentation Competition held on 19th Feb., 2010 in Bharti Vidyapeeth Univerrity, Institute of Management and Research, New Delhi.
88. Mehta Sushil attended Faculty Training Programme on “Applied Econometrics for Management Research” organized by School of Economics, College of Management, SMVDU from July 10-23, 2009.
89. Taggar Rashmi attended workshop on “Applied Econometrics for Management Research”, organized by SMVDU, 10-23 July 2010.
90. Taggar Rashmi attended Orientation course from 7 Dec 2009 to 4 Jan 2010 at University of Jammu.
91. Devi Arti attended Faculty Training Programme on “Applied Econometrics for Management Research” at SMVDU, 10-23 July 2009.
92. Bhat, V.K., On semi pseudo valuation rings and their extensions, 5th Asian Math. Conf., Kuala Lumpur, June 22-26, 2009.
93. Bhat, V. K., Bhat attended CIMPA-UNESCO-Philippines research school, Manila, Philippines (July 20-31, 2009).
94. Sadhana and R.S.Pathak, “Special Convolution on Distributions” “International Conference on Generalized Functions 2009” at Department of Mathematics, University of Vienna , August 31-Sept.4 2009.
95. Bhat, V. K., Weak - rigid rings and their extensions over Noetherian rings, Annual Conference of Jammu Math. Society, Feb. 2010.
96. Bougal,Sandeep, Workshop on Mathematical Modeling and Related Optimization Techniques, December 14-17, 2009, University of Delhi.
97. Bougal, Sandeep, Sequential Estimation of the Reliability Function of The Two Parameter Exponential Distribution, 5th JK Science Congress 8-10 February 2010.
98. Bogal,Sandeep, A general class of chain – type estimators in presence of non- response under double sampling scheme, 20th Annual Conference of The Jammu Mathematical Society 26-28 March 2010.
99. Kumar, Rakesh, Operations Research Application in Managing Construction Projects, National Conference on Advanced Manufacturing Techniques, SMVD University,Katra, November5-6, 2009.
100. Raj, Kuldeep, Weighted Composition Operator between Orlicz function spaces in 5th JK Science Congress from 8th to 10th February 2010 at University of Jammu.
101. Raj, Kuldeep, Integral operators between L_p –Spaces in 20th Annual Conference of Jammu Mathematical Society Department of Mathematics, University of Jammu from 28th February to 2nd March, 2010.
102. -Sadhana, “Watson Convolution of Distributions” 5th J&k Science Congress, University of Jammu, Feb. 8-10, 2010.
103. Sharma, Ajay K., Composition followed and proceeded by differentiation on Bergman spaces, 20th annual conference of the Jammu Mathematical Society, Feb. 2010.

ANNEXURE- IV
Sponsored Research and Development Division

Summary Sheet of Sponsored Research Projects & Consultancy

Sr. No.	Official File No. (For Off. Use)	Project Coordinators (PI and Co PIs)	Total Approved Funding	Sponsoring agency	Project/ consultancy Topic	Status (Ongoing/ completed/under extension)
1.	PR01	Mr. B. K. Bhatia, Placement Officer	Rs. 34.64 Lacs	Ministry of Textile(H) , GOI	Training through established institutions under HRD Scheme	Ongoing
2.	PR04	Dr. Ajay Kr. Sharma, Dr. Rajesh Kr. Sharma (School of Mathematics)	Rs. 7.93 Lacs	Deptt. of Atomic Energy, GOI	Composition operators and dynamics of complex valued function	Ongoing
3.	PR06	Manoj Kumar, Faculty IIM-L, Sanjay Mishra Faculty, COM	Rs. 28 Thousands	IIM -L	A comprehensive model of buying behavior of mutual funds	Completed,
4.	PR07	Dr. Suparn Sharma, Dir SOBE, COM	Rs. 1.78 Lacs	ICSSR, New Delhi	Performance and prospects of Small Scale Industries in state of J&K	Completed,
5.	PR09	Prof. V Verma, Biotechnology, Dean, COS		TRIFED (Tribal Cooperative Marketing Development Federation of India, Min of Tribal Affairs, GOI	Fermentative production of Lactic acid from Mahua flowers	Ongoing
6.	PR10	Dr. SushilKr. Mehta, Dr. H.G. Mishra, COM	Rs. 7.4 Lacs	AICTE, New Delhi	Enterprising Jammu	Ongoing
7.	PR011	Dr. Suparn Sharma, Dr. Sunil Giri, COM	Rs. 6.21 Lacs	AICTE, UGC	Entrepreneurship Development Cell	Ongoing
8.	PR12	Dr. Sunil Giri, Dr. H.G. Mishra	Rs. 3.69Lacs		Ethics in Police & social change	Ongoing
9.	PR15	Prof. Vijay Verma, Biotech, Dean COS	Rs. 5.69 Lacs	Mini of Biotech, GOI	Setting up Bioinformatics Infrastructure Facility to promote to promote Biotechnology Educational Activities	Ongoing
10.	PR16	Dr. M. Sharda Potukuchi, Biotech	Rs. 03 Lacs P.a. (Rs. 10 Lacs total)	National Medicinal Board	Establishment of Herbal Gardens Trikuta Hills at SMVD, University	Ongoing

11.	PR18	Prof. M.L. Garg, SCSE Dean, COE	Rs1.15 Lacs	UGC, New Delhi	Bipolar LogicNets for reasoning	Ongoing (Under Extension)
12.	PR19	Dr. Jyoti Sharma, Dr. Suparn Sharma, Ms. Aarti, COM	Rs. 4.5 Lacs	AICTE, New Delhi	Dynamics of stress at work places	Ongoing
13.	PR23	Dr. H. Chahal, Assoc. Prof, Commerce, JU, Mr. Sanjay Mishra, Lecturer, COM	Rs. 5.65 Lacs	UGC, New Delhi	A study on the impact of Corporate Social Responsibility Practices on SMEs (Small & medium Enterprises) performance in Jammu District	Ongoing
14.	PR29			National Board for Higher Mathematics	Rs. One lakh grant sanctioned for Library for School of Mathematics	
15.	PR35	Dr. S.K. Wanchoo, SOP; Ajay Koul, SCSE; Dr. Samantha Vaishnavi, Biotech	NA	HRD Ministry sponsored IIT Roorkee coordinated National project (SMVD acts as Network Institution)	Mobile VSAT Enabled e-Learning Terminals	Ongoing
16.	PR36	Prof. V. Verma, Dean COS, Dir, Biotech	Rs. 5.5 Lacs	Dabur India Ltd.	Development of DNA fingerprints in selected medicinal plants	Ongoing
17.	PR30	Dr. Sunil Giri, Mr. Saurabh, Ms. Rashi Taggar, COM	Rs. 6.05 Lacs	AICTE, New Delhi	Quality practices in supply chain management : A Case of large scale manufacturing in Jammu	Ongoing
18.	PR39	Prof S. Chandra, Former Dir, SOP		ISRO, DST, GOI	Anomalous Phenomena in C_3H_4 & C_3D Cyclic Molecules'	Completed
19.	----	Ms. Sonika Gupta, Mr. Ajay Koul, Mr Sumeet Gupta	-----	MHRD , GOI	Educational Resource Planning under NMEICT in association with IIT Kanpur	Ongoing

20.	CW-04	Mr. Amit Kant Pandit, SECE Dr. Sunil Giri, SOB and Mr. Sourabh, SOBE	Rs. 50 Thosand	M/S Manas Hosting PvtLtd throgh M/S Banyan Consulting, New Delhi	“Consumer complaint handling mechanism through IT integration”	Completed
21.	CW-01	Mr. Sumeet Gupta, A.P., SECE,	Rs. 2,20,400	M/S Spirax Marshal Pvt. Ltd., Pune	Design consultation for wireless sensor network (Zigbee) based product development	Completed.
22.	CW-02	Dr. Sunil Giri, Dir, SOB	Rs. 1.0 Lacs	Intex Industries, SIDCO, Bari Brahamana, Jammu	Industrial Consultancy assignment	Completed,
23.	CW- 05	Mr. V.K. Dogra, A.P. SALD	Rs, 12,500	XEN, PWD (R&B), Tawi Bridge cum Medical College Division, Jammu.	Structural consultancy for strengthening of corridor connecting two A –Blocks in the Dental Hospital Jammu	Completed
24.	CW-06	Dr. H.G. Mishra, Dr. S.K. Mehta, SOB	Rs. 60,000	Pahlwan’s Food Mall, Jammu	NA	Completed,
25.	CW-07	MR. Sumeet Gupta, Asst Prof SECE	Rs.50,000	M/S Godrej. Mumbai	MRT Survey of Godrej Bhawan, Mumbai	Ongoing