



Campus Jottings

Governor Inaugurates Resurgence



Resurgence 2017, the annual cultural festival of Shri Mata Vaishno Devi University, was inaugurated by the Governor of J&K State Sh. N. N. Vohra, who emphasizing the need for organizing festivals said that they provide opportunity for the youth of different parts of the country to come together and understand each other. He also highlighted in his address that cultural activities are as important as academic activities. By means of cultural activities students exhibit their artistic talent which is important for life as life goes far beyond academics. The festivals bring the youth together in which students not only compete but also share with each other valuable knowledge and experience. He further expressed concern over the need to reconnect the youth to our cultural roots, which unfortunately we are forgetting. We need enough opening to know the roots of our culture and its values. It involves you in a process of thought that every culture and religion carries. No religion, no culture ever teach violence or hatred, they all foster brotherhood, love, peace and a sense of living in a society helping each other. Violence, hatred and intolerance are sinful as they reduce the level of humanity. Culture provides opportunity to inculcate understanding for each other, coexistence and social harmony. The Governor also awarded fellowships to the meritorious students from various departments of the University.

The Vice Chancellor, Dr. Sanjeev Jain, highlighted in his address that culture defines people, their creativity and it fosters unity in diversity; diversity fosters tolerance which is the hallmark of our civilization. The festival will continue for coming three days. There are 15 institutions from J&K and outside the State participating in it. There will be more than 40 events under theater, dance, music and literary categories. The preliminary events for the grand convergence of Inter-University event had started in the mid of January itself. Vice Chancellor, felicitated the Governor by presenting a painting by Saurav Singh and Zainab Bhat from the Dept. of Architecture. Registrar, Prof. V. K. Bhat, Dean of Students, Dr. Yugal Khajuria, all faculty, students and students from participating institutions were also present. Dr. V. K. Tripathi President BCA delivered welcome address and Dr. Rakesh Kumar presented vote of thanks. Ms. Devika Sharma a first year student of M.A (English) was composer for the inaugural program.

Chancellor Awards Fellowship to Meritorious Students

UPCOMING EVENTS

- National Seminar: Research Opportunities and Challenges on 8th April, 2017
- International Conference on Theory of Architectural Design: Global Practices amid Local Milieu from 14th – 16th April, 2017

PATRON

PROF. SANJEEV JAIN

Vice Chancellor

EDITORIAL TEAM

Dr. Varun K. Tripathi

Dr. Ratna Chandra

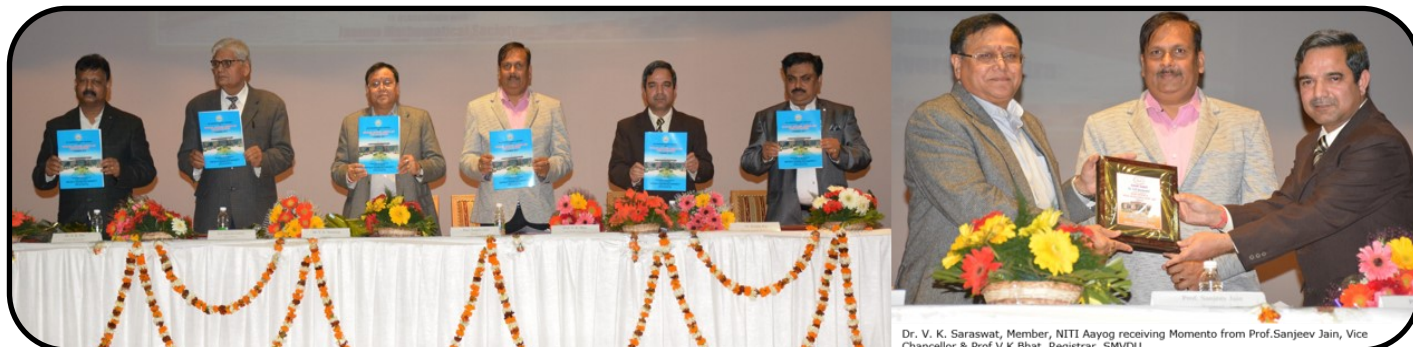
DESIGN & DRAFT:

Mr. Girdhari Lal Sharma

The Chancellor of Shri Mata Vaishno Devi University and Governor of J&K, Sh. N. N. Vohra visited the university on 28 March and gave away fellowship awards to meritorious students from different departments, those having SGPA above 9.0. Smile Janidial and Divya from Computer Science, Navleen Kour from Mathematics, Karuna Goyal and Parth Gupta from Computer Science, Shavi Gupta from Electronics, Ankita Gupta and Vidula Gandhi from Electronics & Communication Engineering, Aarushi Khajuria from Biotechnology, Kavita Saini from Mathematics, Sheetal Sharma, Payal Khajuria, Priyanka Sharma and Urosa Latief from Physics, Vimarsh Padha from Economics received the fellowships from the Chancellor. The Chancellor was visiting the campus to inaugurate the annual cultural festival, Resurrenace-2017. The University has SMMMS Program to recognize the merits of the students under which a range of fellowships are awarded. There are fellowships for UG students like Full Tuition Fee waiver for 01st year & 50% Tuition Fee waiver for 2nd Year for those having up-to 10000 AIR (CRL) in JEE (Mains) Examination; full Tuition Fee waiver for 01st year for those having rank above 10000 & up-to 30000 AIR (CRL) in JEE (Mains) Examination; 50% Tuition Fee waiver for 01st year for those having above 30000 & up-to 50000 AIR (CRL) in JEE (Mains) Examination. Similarly, there are lucrative fellowships in B. Arch. Program, MBA and others. Sh. N. N. Vohra also interacted with the meritorious students details along with the Vice Chancellor Dr. Sanjeev Jain.



National Conference on Topology, Analysis, Algebra and Their Application



Dr. V. K. Saraswat, Member, NITI Aayog receiving Memento from Prof. Sanjeev Jain, Vice Chancellor & Prof. V. K. Bhat, President, SMVDU

National Conference on Topology, Analysis, Algebra and Their Application organized by Department of Mathematics was inaugurated on 7th March, 2017 at Shri Mata Vaishno Devi University sponsored by UGC. At the very outset Dr. A. K. Das, Convener of the conference, welcomed all guests, participants and explained about the theme of the conference. Dr. V. K. Saraswat, Member, NITI Aayog, was the Chief Guest on the occasion. Dr. Saraswat in his Inaugural address stressed upon the value added and sustainable research and developments. He advised the students of the University to work on innovations in order to counter the future challenges like food security, water security etc. Dr. Sanjeev Jain, the Vice Chancellor, SMVDU, apprised the guests and delegates that University is marching ahead with a vision of technology based innovations. He also advised students and faculty members of the University to contribute in all possible manners so that the University can move forward and towards on the path of excellence. The Guest of Honour of the ceremony was Prof. Satya Deo, Harish Chander Research University, Allahabad. Prof. Satya Deo explained the direct and indirect applications of pure mathematics such as Topology, Analysis and Algebra in Technology and other Sciences.

Prof. V. K. Bhat, Dean, Faculty of Sciences, emphasized the importance of mathematics in other branches of Science. The inaugural session was ended by the vote of thanks delivered by Dr. Kuldip Raj, Organizing Secretary of the conference. The Conference was organized in association with Jammu Mathematical Society. Prof. D.S. Jamwal, President of Jammu Mathematical Society was present in the Inaugural Ceremony. Organizing Committee members Dr. Sandeep Bhoulal, Dr. Ajay Sharma, Dr. Surender Singh and Dr. Sandeep Sharma were also present. Prof. H. N. Ramaswamy, University of Mysore, Prof. Anima Nagar, IIT Delhi, Prof. Rais Ahemad, AMU, Aligarh, Prof. K.S. Charak, University of Jammu, Prof. V. Verma, Dean Faculty of Engineering, Heads of various Departments and many faculty members of the University were also present on the occasion.

Dr. Jitendra Singh inaugurates the North India Student Parliament



The North India Student Parliament (NISP) – a non-political platform for sensitizing the youth for nation building was inaugurated by Dr. Jitendra Singh, the Hon'ble Minister PMO, at Shri Mata Vaishno Devi University on 26th March. The Two-Day event witnesses participation of more than 100 outstation participants, from as far North East as Dibrugarh. Dr. Jitendra Singh highlighted in his speech the role of NISP as an internship of a responsible citizenship and values of democracy. The parliamentary model that our country adopted after independence is though in its infancy stage – if compared to the history of polity, yet it has proved its worth and acceptability for last 70 years. The success of the parliamentary model has compensated various pitfalls that one may point out. We often compare the success or failure of a governance type with the age of mortal human beings and find it easy to blame the government, but one must remember that in case of a country – a civilization, histories are written in centuries. The most remarkable feature of Indian democracy is that the common man in India has grown much wiser than the politicians. The old tricks of politicians – the politics of caste, creed, religion and the politics of disruption are failing now. A voter today does not approve of the politics of disruption, people are not going to forgive the politics of disruption. Growth and development is the main chord, not the opportunistic politics. In a country like India where the demography is dominated by youth, the guidelines of development should be youth-centric, rather the entire future road-map should be youth-centric. It is important for all of us to understand that the young generation is at departure from the earlier age and outlook of political values.

Dr. Sanjeev Jain, the Vice Chancellor, highlighted in his address the need to understand and strengthen the democratic values among the younger generation which is more techno-centric and he also emphasized the fact the SMVDU has already taken initiative in this regard by introducing a platform like NISP. Prof. V. K. Bhat, Registrar, Dr. Yugal Khajuria, Dean of Students, Dr. T. R. Raina, Guest of Honour shared the dais. Dr. V. K. Tripathi, President BCA, presented welcome address and Mr. Chandan Maurya, student coordinator, presented the vote of thanks. Dr. T. R. Raina in his talk highlighted the benefits of yoga, particularly for a stress-free life for youth. Prof. S. K. Sharma, former State Information Commissioner, elaborately presented to the students the history of Jammu and Kashmir and its Constitution. Dr. Ashutosh Vashishtha spoke on the present economic scenario of the country and the challenges for the youth.



National Symposium on Road to Resurgence: Indigenous Learning for Business and Society

National Symposium on Road to Resurgence: Indigenous learning for business and society was organized by School of Business, Shri Mata Devi University, Katra, J&K. The two day event's inaugural took place in presence of eminent researchers and scholars from various parts of the country. The key note address of Prof. Rajendra Kumar Gupta, researcher of high repute, who has nurtured scholars at IIM and MDI under his service, emphasized upon the requirements of resurgence of Indian thinking and contribution of original Indian theories to the world.



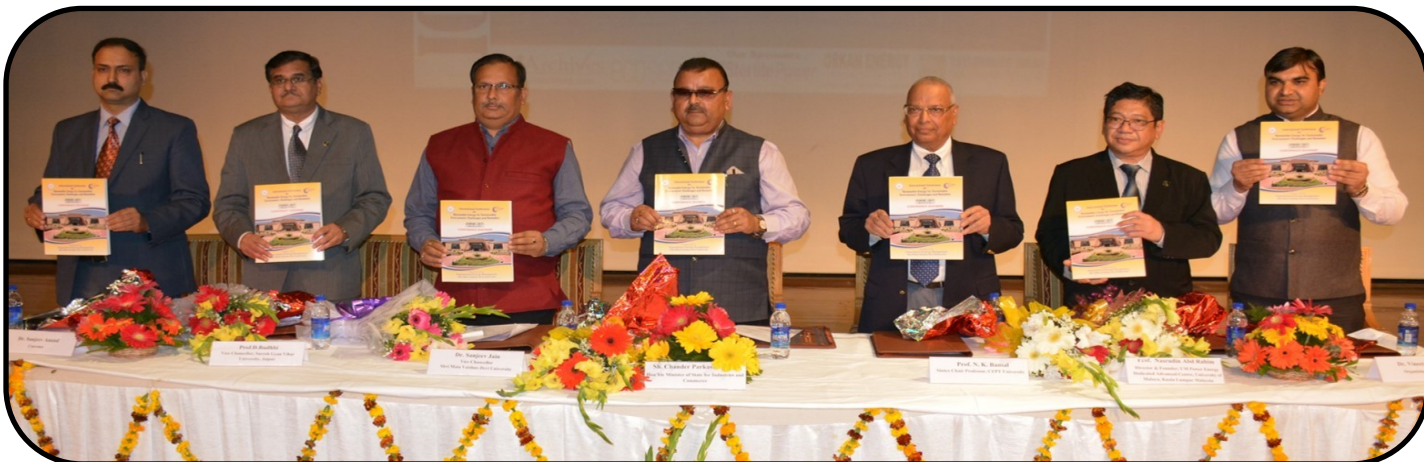
Dr. Sanjeev Jain, the Vice Chancellor, SMVDU, in his message wished success to the symposium and said that the platform such as this symposium are required to deliberate on the issues for revisiting the galore of our traditional learning for futuristic discourses. He mentioned that Shri Mata Vaishno Devi University in a very short span of time has been able to create a mark and has the fundamental vision for nurturing young talented human resource for the service of Indian society & world at large, preserving the integrity and sanctity of human values. Prof. Dr. D. Mukhopadhyay, Dean, Faculty of Management, provided insight for the importance of such programs. HOD, School of Business, Dr. Ashutosh Vashishtha, said that the country requires the research that is rooted in the Indian ethos and its time when we can relive the Indian glory. Dr. Saurabh organizing secretary informed that the program is being attended by the scholars from scholars of various institutions of India. He said that in the time when the India is set to regain its glory and provide leadership to the world in terms of the sustainable solutions for the various issues at the organizational, technological, social, and economic level, we need to deliberate deeply over the roadmap for design of research and solutions and hence symposium shall provide input to the same. Dr. Ashish Pandey, SJMSOM, IIT Bombay took a workshop on research for resurgence. Dr. Pankaj Mehta focused upon the sustainability of Green Building for resurgence. Dr. Vishawajeet Pendse, Nagpur, provided his insight upon the requirement of Indian research and informed the audience upon the Research for Resurgence foundation.

International Conference on Renewable Energy

A Two-day International Conference on Renewable Energy for Sustainable Environment: Challenges and Remedies was organized by Dept. of Energy Management, in SMVD University on 20th March, 2017. The event marked the presence of many dignitaries with Mr. Chander Parkash, Hon'ble Minister for Industries and Commerce, J&K Govt. who graced as Chief Guest on the occasion, Prof. N. K. Bansal, Ex Vice Chancellor, SMVDU, Dr. Sanjeev Jain, Vice Chancellor, SMVDU, Prof. D. Bhdhi, Vice Chancellor Suresh Gyan Vihar University, in Jaipur, Prof. N. A. Rahim, UMPEDA Centre, University of Malaya, Malaysia shared the Dais. The conference started with welcome address by Dr. Sanjeev Anand, Convenor of the conference. He briefed the audience about the objective of holding such a conference and its interdisciplinary nature. He also apprised that the conference is having participation of around 150 participants all across the state, country and abroad. Focusing on the theme of the conference he stated that there

are extensive Plenary, Keynote and Invited Lectures and this would be followed by Technical Sessions (both Oral and Poster). Dr. Anand also informed the delegates that the Dept. of Energy Management is the only Department in the State of Jammu and Kashmir to offer an interdisciplinary course on Energy Management.

Prof. N. K. Bansal, Sintex Chair Professor, CEPT University and Ex Vice Chancellor, SMVDU, deliberated on the need of energy conservation. He enlightened the audience about the role and position of the country in the global scenario and highlighted the



role of oil storage and refinery in the country. He also deliberated upon the futuristic goals to develop the storage techniques, reduction in the oil usage and also insisted upon organising such conferences for making people more aware about the present issues. Prof. D. Buddhi stressed upon the extension of the research in the field of energy as the need of the present hour. Prof. N. A. Rahim stressed that it is the time to take appropriate action. He said the India being the oldest country on the map holds a greater responsibility for the initiative and should invest extensively in this direction. Dr. Sanjeev Jain, Vice Chancellor, SMVDU, stressed on the sustainability in the energy usage as an important factor. He insisted upon the rise in population and the ever changing life style as the factors for increased energy demands and also contributors towards energy wastage. Sh. Chander Parkash, Hon'ble Minister for Industries and Commerce, J&K Govt., insisted upon the energy as the need of the hour and also stressed upon the all the necessary measures to be taken to ensure energy conservation in the state. He was also very particular that such events are essential for finding the remedies to the challenges faced in this sector and hence such conferences should be organised more often. Dr. Vineet Tyagi, Assistant Professor, Department of Energy Management, presented vote of thanks.

Two Weeks Refresher Course on "Research Methodology"

Two Week Refresher Course on "Research Methodology" organized by Human Resource Development Centre, Shri Mata Vaishno Devi University from 14th to 27th March, 2017 was inaugurated on 14th March, 2017 at SMVDU in which participants from various States like Punjab, Haryana, Uttar Pradesh, Jammu & Kashmir etc. enrolled for the refresher course. On the occasion, Prof. Sanjeev Jain, Vice Chancellor, was the Chief Guest and Prof. (Dr.) V. K. Bhat, Registrar, SMVDU, was the Guest of Honour in the



inaugural ceremony of the course. Welcoming the Chief Guest, Guest of Honour and participants to the occasion; Prof. D. Mukhopadhyay, I/c Director, HRDC encouraged the participants to exploit this opportunity of learning with full zest and vigour. Prof. V. K. Bhat detailed about the importance of Research Methodology in the current education scenario. Prof. Sanjeev Jain expressed hope for the success of the course and wished the great learning experience for participants.

International Conference on Beyond Postcolonialism



International Conference on “Beyond Postcolonialism: Rethinking Feminist and Dalit Discourses in South Asia” organised by the department of Languages and Literature, was inaugurated in the Matrika Auditorium of Shri Mata Vaishno Devi University on 10th March, 2017. The conference aims at deliberating over the dynamics of power that have operated across various dimensions in South Asian societies and how postcolonial intervention provided a distinct ideological and institutional framework for the oppressed as reflected in various literary texts. Prof. V. K. Bhat, Dean, Faculty of Sciences and Registrar of the university inaugurated the conference. In the inaugural address, Prof. Bhat extended his felicitations to various scholars and academicians attending the conference. Speaking on the occasion, Prof. Bhat appreciated the endeavours of the department in organizing such fruitful academic discourses which bring fresh lease and vibrancy to a University.

Earlier, in her welcome address, Dr. Vandana Sharma, Dean, Faculty of Humanities and Head, Social Sciences and Department of Languages and Literature highlighted the objective of the conference which is to initiate discourse on the necessity to stretch beyond the classical aesthetics of post colonialism and to enter the realm of “Beyond” to explore new horizons and challenges in the field by focussing on certain issues pertaining to Dalit and feminist scholarship in South Asia. In her keynote address, Prof. Anna M. Horatschek, Kiel University, Germany, remarked that the conference shall be a challenge to the highly successful branch of academic knowledge production in the ‘West’, which has been criticized for its normative implications with a political attitude, aesthetic forms of representation, and canon formation by way of capitalist commodification. Prof. Horatschek, further, emphasized upon the conception regarding what needs to be done beyond postcolonial literature. Prominent invited speakers on the occasion were Prof. Jutta Zimmermann, University of Kiel; Prof. Radha Chakravarty, Department of Comparative and Translation Studies, Ambedkar University Delhi; Prof. Sanjoy Saksena, University of Allahabad; and others. Approximately seventy papers on various aspects of Feminism and Dalit discourse in South Asia will be discussed and deliberated during the conference. Prof. Deepshikha Kotwal, Head, Department of English, Central University, Jammu will be delivering the valedictory address on 11th March, 2017. During the conference, students of Department of Languages and Literature made a poster presentation on their areas of dissertation which is a part of their curriculum of MA English. Dr. Anurag Kumar, Assistant Professor, Department of languages and Literature and organising Secretary of the conference delivered the vote of thanks. Ms. Simranpreet Kaur, Assistant Professor, conducted the proceedings of the inaugural session.

One Day Workshop on IPR

Workshop on “Scientific Innovation and Intellectual Property Rights” was organized by Department of Biotechnology in collaboration with Jammu Kashmir Department of Science Technology and innovation Council at Shri Mata Vaishno Devi University. Prof Prabhat Ranjan, Executive Director, TIFAC was chief Guest and Prof V Verma, Dean, Faculty of Engineering, highlighted the need for seeking Intellectual Property Rights in scientific research and also cited examples of CSIR which has been able to claim rights globally for traditional uses of medicinal plants like Neem, Ashwagandha, etc. Prof Prabhat Ranjan spoke in detail about the Technology Vision 2035 prepared by TIFAC for seeking protective rights on varied fields of Science and Technology and also showcased some of the latest upcoming technologies that would be available to the common man by 2020. Dr. A. Goswami, principal Scientist, IIM, Jammu, briefed the participants about the various methods for Management of Intellectual Property Rights.



He appreciated that the Faculty and Research Scholars of SMVDU have highly innovative patentable ideas and their participation in the Workshop will be useful to enrich the status of the University at International level by claiming rights for such technologies. Er Kalyan Pottukuchi, Patent Analyst from molecular Solutions in Kashmir briefed the participants about the features of patent application form and procedure. Dr. Pankaj Mehta, from Central University Jammu explained the details for the procedures involved in the Patenting System in India and other faculty who spoke in the occasion was Dr. Yashpal Khajuria from University of Jammu. The event was moderated by Ms. Bhanu Sharma and vote of thanks was presented by Ms. Divya Bakshi. In this workshop, more than hundred faculty and Scholars of different colleges and Universities of Jammu participated.

An IPR quiz was also held at the end of the lectures and organizing team members Ms. Ruchi Shah and Ms. Sonali Verma held a written quiz examination of M.Sc. and B.Tech Students and three awards were given to the students. First award was gathered by Ms. Kavinay from M.Sc. Biotechnology, SMVDU, Second award was shared by Ms. Iram from Central University, Jammu and Ms. Vandita from MSc Biotechnology, SMVDU, Katra, Third prize was shared by Ms. Nipunta and Ms. Rabia from MSc. Biotechnology, SMVDU. The awards were presented by Prof. V. Verma and Prof. PVKS Baba from Jammu University in the valedictory session. Dr. Rakesh Kumar, organizing secretary of workshop thanked all the participants and delegates for attending the lecture and also presented certificate of appreciation to Mr. GR Bhat and Ms Amrita Bhat for coordinating the workshop and making it a success.

National Conference on ICT Initiation for Economic Development of North-West India

One Day National Conference on “ICT Initiation for Economic Development of North-West India” was organized by the Department of Economics, Shri Mata Vaishno Devi University on 30th March 2017. The chief guest of the Conference was Dr. Surabhi Mittal who is Senior Economist and Coordinator of Centre of Excellence, Tata Cornell Institute, Cornell University.

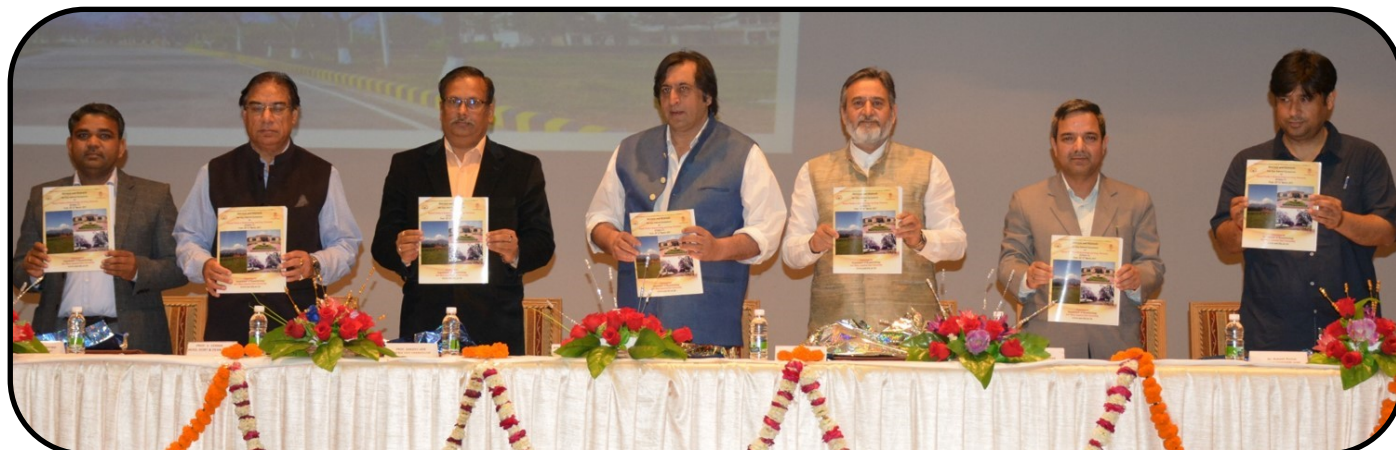
While speaking on the occasion she emphasized on the role of ICT in social and economic development of the north-west region in particular



and the country in general. She said the earlier fear that computers will end up taking the jobs away has been proved wrong. Rather computerization has helped enormously in job creation and growth in almost all the sectors of the economy. Therefore, digitization in every sector is need of the hour. It also helps in elimination of poverty and inequality in the society. So efforts need to be placed in this regard with greater degree of implementation. The welcome address was given by Dean, Faculty of Management,

Prof. D. Mukhopadhyay. He mentioned that without technology nothing is possible in today's world. Technology makes things easier and faster and ICTs have greater role to play in overall development of the economy. Head of the Department of Economics and conference convener, Dr. Kakali Majumdar talked about the role of ICTs in developmental process. She also introduced the department on the occasion and gave the information about the activities that department of economics has been conducting. Dr. Showkat Ahmed Bhat, organizing secretary of the conference, discussed about the objectives of the conference. And at the end, formal vote of thanks was given by Dr. Kirtti Ranjan. Around 20 papers were presented in the conference.

National Symposium on Recent Trends in Biotechnology and Drug Discovery



Two Days National Symposium on Recent Trends in Biotechnology and Drug Discovery from 30th- 31st March, 2017 sponsored by UGC was inaugurated on 30th March, 2017 by Mr. Sajjad Gani Lone, Hon'ble Minister of Science and Technology, J&K organised by department of Biotechnology, Shri Mata Viashno Devi University. The aim of the symposium was to bring scientists and participants from different areas of Plant, Microbial, Human Health, Yeast and Computational Biology together. Over 100 researchers submitted their research work and participated in the event from different institutes and Universities in the symposium.

Chief Guest of the symposium was Minister of Science and Technology, Jammu and Kashmir, Mr. Sajjad Gani Lone and Padama Shri, Prof. R.N.K. Bamezai former Vice Chancellor of SMVDU, was the Guest of Honour. Head, Department of Biotechnology and Dean, Faculty of Engineering, in his opening remarks highlighted the need for seeking the recent research in different aspects of Biotechnology from plants to computational biology to advancements in finding the causes of rare disorders by whole exome sequencing and NGS technologies. Dean FoS and Registrar, Prof. V.K.Bhat wished the symposium success and all the fruitful discussions. Guest of Honour, Padama Shri, Prof R.N.K. Bamezai, highlighted the need of bringing research to common man. He delivered the keynote address on the topic "Metabolic Tuners as Potential Drug Targets in Cancer– a Biotechnological Approach to Human Disease" and enlightened the participants.

Hon'ble Vice Chancellor of SMVDU, Prof. Sanjeev Jain, wished the success to the symposium and stressed the need of blending of Biotechnology with the ayurveda principles. Convener of the Symposium Dr. Narendra Kumar Bairwa welcomed and thanked the eminent speakers



from various National Institutes and Universities i.e. Prof. KK Kapoor, Jammu University, Prof. Yashpal Sharma, Jammu University, Dr. Shilaja Singh, SCMM, JNU, New Delhi, Dr. Jitendra Thakur, NIPGR, New Delhi, Dr. Fayaz Malik, IIM, Jammu Dr. Neel Sarover Bhavesh, ICGEB, New Delhi, Dr. Deepak Salunke, PU, Dr. Shaida Andrabi, KU, Dr. Rajnikant Dixit, New Delhi, Dr. Surender Nimesh, CURAJ, Dr. Biswajit Gopal, Sikkim University. He also thanked all the participants.

Two Day International conference on Sustainable Economic Development: Paths & Obstacles



Two day international conference on Sustainable Economic Development: Paths and Obstacles was organized by the Department of Economics, Shri Mata Vaishno Devi University on 24th March, 2017. Around 50 papers are being presented in the conference. The Chief Guest for the International Conference was former Mumbai University Vice Chancellor and former *Rajya Sabha* member and renowned economist, Prof. B. L. Mungekar. While speaking on the occasion, Prof. Mungekar stressed upon social and economic equity that needs to be prioritized in our policies rather than merely bragging about sustainable development and further said that sustainable development doesn't mean only protection of environment rather it is comprehensive and it also includes the elimination of inequality in the society and efforts need to be placed in this regard with greater degree of implementation.

The welcome address was delivered by Dean, Faculty of Management, Prof. D. Mukhopadhyay. Prof. Mukhopadhyay emphasized that the sustainable economic development is a key problem that India is facing. There should be suitable planning in sustainable development in social, political and economic aspect. Dr. Kakali Majumdar, Head, Department of Economics briefed about the activities of the Department of Economics. Further, Dr. Pabitra Kumar Jena, organizing secretary of the conference presented the objectives of the conference and finally vote of thanks was given by Amarjit Singh.

National Conference on Innovative Trends in Mechanical Engineering



Two Day National Conference on Innovative Trends in Mechanical Engineering was inaugurated by the Vice Chancellor Prof. Sanjeev Jain. The conference was held in collaboration with Indian Institute of Industrial Engineering, Mumbai. Dr. Balbir Singh, Asst. Prof., Mechanical Engineering and the convener of this Conference. The Vice Chancellor highlighted the role of innovation in present era and deliberated on technology incubation. Prof. V. Verma, Dean, Faculty of Engineering also spoke on the relevance of science and technology. Commander Dr. Bhaskar M Bhandarkar, Director General IIIE, Mumbai, was the chief guest on the occasion. Prof. Pundir from NITIE was the guest of honor. The key note address was delivered by Prof. R. Arvind Singh from BIT, Tamil Nadu and Prof. S Jayalakshmi. Prof. Sanjeev Jain congratulated all the delegates. More than 50 papers were presented at the conference. The participants from different states attended the conference. Prof. Pundir and Commander Dr. Bhaskar and all the key note speakers spoke on various aspects of this conference during the inaugural ceremony. At the end Dr. Yatheshth Anand presented the vote of thanks.

Industry Academia Conclave (IAC – 2017) held

An Industrial Academia Conclave was conducted by SMVDU on the occasion of NCITME 2017 (National Conference on Innovative Trends in Mechanical Engineering). The session was presided over by Dr. Balbir Singh (HOD Department of Mechanical Engg.). He briefed everyone about the conclave. The conclave saw the participation of various industries from Jammu namely Kamal Gupta (M/S Shubham Industries), Sandeep Gupta (M/S Kashmir Jam Industries), Milind Gupte (Emcure Pharmaceuticals), Vinay Sharma (Berger Paints India Ltd.), D. S. Gujral (TV Super Filter Industry).



The academicians present for the discussion were Dr. Bhaskar Bhandarkar (Director General IIIIE, Mumbai), Prof. Ashok Pundir (NITI, Powai), Dr. R. Arvind Singh (BIT, Tamil Nadu), Dr. Suparn Sharma, Dr. A. Vashishtha and Mr. B. K. Bhatia. The event started with a presentation on the Department of Mechanical engineering by Dr. Yatheshth Anand. It was followed by the discussion which pondered upon the live projects which can be done with industrial collaboration. The discussion mainly focussed on how the students can be a part of the industrial setup at a very early stage so as to have a better understanding of the industrial setup.

Prof A. Pundir also talked about strengthening the surrounding areas and the institution by generating demand of the products that can be locally fabricated. The students from B.Tech (Mechanical) and M.Tech. (M&A) also asked many questions related to their trainings, live projects and placements, to which the representatives responded positively. Dr. Balbir Singh, concluded the conclave with a vote of thanks to all the academicians and industrial representatives. A joint opinion was to have more of such conclaves. The representatives were felicitated for their participation.

Guest Lecture Delivered by Adjunct Professor H. N. Ramaswamy

Adjunct Professor H. N. Ramaswamy from University of Mysore, Mysore, visited Department of Mathematics and delivered a series of lectures in Algebra during 2nd to 11th March 2017. On the first day of the lecture series Dr A. K. Das, Head, Department of Mathematics, introduced Prof. Ramaswamy to the students, Research Scholars and Faculty members of the Department. Prof V. K. Bhat, Dr. A. K. Sharma, Dr. K. Raj, Dr. S. Bhoulgal, Dr. S. Singh and Dr. S. Sharma were present during the introduction. Professor. Ramaswamy started his lecture by introducing basic notions of Algebra and in the subsequent lectures he covered advanced topics which include Group Theory, Ring Theory and Field Theory. The entire lecture series was attended by M.Sc.(Maths.) students and research scholars. Apart from taking



classes, Prof. Ramaswamy spent time in the Department and interacted with research scholars and faculty members of the Department. During this visit, Prof. Ramaswamy also delivered an Invited talk in the “Two- Day National Conference on Topology, Analysis, Algebra and Their Applications” organized by the Department of Mathematics. On the last day of the lecture series, Dr. A. K. Das thanked Prof. Ramaswamy for his visit to the Department and requested him to visit again in the next semester.

Translate Knowledge into Service: K. L. Chopra



'We need to translate knowledge into service to mankind', said Prof. K. L. Chopra, former Director of IIT Kharagpur and Member of the Executive Council of SMVDU during his visit to the university. Prof. Chopra is a noted Physicist, whose 1969 work on 'thin films' triggered the today's buzz research area of nanotechnology. He stressed in his talk that the institutions which just teach or where students are just taught are either dead institutions or dying institutions. The purpose of education is learning, one has to end up with learning process, not only learn to do something, but learn to learn also – learn to work together, collaborate together. Education today cannot be confined to the boundaries of disciplines, the boundaries of disciplines must melt, the disciplines must converge.

Every university must develop some peaks of excellence, he further stressed. The key of today's teaching-learning is the outcome based learning. Gone are the days of pure theoretical knowledge and scholarship that just exercised freedom of thought and expression. Outcome based learning is an important concept because it engages in continuous learning process. For teachers it is important to teach that much what can be learnt, even if the course is to be cut down. Students must also be taught how he learns to use what he is taught, how things are connected in life, or how a thing is dangerous; for example, we all throw away every year millions of mobile phone batteries all of which made of lithium, a substance dangerous for the environment, and nobody is mindful about it. So the curricula and the way of teaching have to be revised and at the same time teachers must also know how knowledge relates to life and in what way. Everyone cannot be a researcher, but one has to have a very clear attitude towards learning as how one uses the knowledge matter a lot and affects all. The session was attended by all faculty members of SMVDU and was followed by extensive interactive session. Dr. Sumeet Gupta, Dean Academic Affairs, gave welcome address.

Education must be upgraded for 3.0 G Generation: Dr. Saraswat

Dr. V. K. Saraswat, an eminent scientist and former Director DRDO, visited Shri Mata Vaishno Devi University and delivered a special talk to all faculty members on 8th March. He highlighted the path for transforming science for the growth of the nation. He emphasized that

without upgrading the education as per the need and challenges of the future, the education is not worthwhile. This can be done by providing



skills, technical knowledge and creating sets of people to find solution to the problems. Without upgrading the education for the 3.0 G (generation), we can't bring our country to the forefront. Education for 3.0 G means student-centric education, field-centric education instead of classroom-centric education, problem solving-centric education, and project based teaching-learning leading to creation of sets of capable people. The economic growth of the nation depends upon putting the science and technology to the right direction. We need to take the demographic advantage of the country by training the youth and that can only be possible by a spirited teaching. A good teacher must not confine himself just to imparting information, but must equip himself for training students to meet the challenges. We have to relate our education to the emerging demands of service-centricity and e-centricity of market, economy or even education. We can't educate students the same way we have been doing so far.

The education must be in tune with the 6th wave of innovation. He quoted Dr. A.P.J. Abdul Kalam who talked about a nano-mission for the nation. What we need is to be able to translate our research into innovation. People in India still lag behind in applying research to problem-solving of real life, real experimentation, design and manufacturing. Where we lack is the technology-readiness. In the present era of convergence of technology, our education must ensure technology-readiness; otherwise we shall not be able to take advantage of the demography. He also emphasized the sustainability question in terms of economy, society and environment and proposed that reuse and recycle technologies be invented and the motto of education should be “Education for Sustainability” which will in turn be sustainable education. The talk was followed by extensive interaction and questionnaire session. Dr. Vandhana Sharma, Dr. Swarkar Sharma, Dr. Pabitra Jena, Dr. Ashutosh Vashishta engaged in dialogue with Dr. Saraswat. In answer to a question Dr. Saraswat emphasized the special ability of India, i.e., doing engineering in a frugal way, with less cost involvement as compared to some developed countries like USA. We need to recognize this strength. He substantiated his claim with examples of several missile projects, and India’s Mars Mission. He also emphasized on living in close communication with nature, a *shastra*-way of living that leads to sensitivity for protection and appreciation of nature. The Vice Chancellor felicitated him by presenting a memento. Prof. V. K. Bhat, Registrar, Prof. V. Verma, Prof. D. Mukhopadhyaya and all faculty members of the university were present. Dr. V. K. Tripathi presented vote of thanks

Ashwani Nachappa, former athlete & Indian film actress interacts with Students

Ashwani Nachappa, an accomplished former athlete and an Indian film actress from Karnataka, visited Shri Mata Vaishno Devi University on 3rd March 2017. She interacted with students in Matrika Auditorium; the hall was full of students. In her address, she emphasized that everybody today wants to climb the ladder of success as fast as possible, but for every successful person the path has been the same and there have been challenges along the path of success, and one needs passion to meet the challenges. The difference is made not only by passion, but also by a deep interest in what one does – the interest makes the passion flow. What you do today should be different from what you did yesterday, with zeal and creativity. But remember, there are no shortcuts in life. You must feel lucky that your parents and this institution have given you everything you need. Now it is your task to shape your life. When you set your goals, you are the competitor of your own goals and the only way to succeed in such a competition is to excel not to compete. Excellence is not competition. The talk was followed by an extensive interaction session. Dr. Yugal Khajuria, Dean of Students, delivered a vote of thanks. Ms. Vedika Sumbli conducted the show.



It may be noted that Ms. Nachappa had won 2 silver medals in South Asian Federation games in 1984 hosted by Nepal. She had also won 2 silver medals, 3 gold medals in South Asian Federation Games in 1986 and 1988 hosted by Bangladesh and Pakistan respectively. She had also won Silver Medal in 4x100 m relay in Asian Games held in Beijing, China in 1990. During the interaction here, Mr. Ashok Sharma, Director Sports SMVDSB, Dr. V.K. Tripathi, President BCA, Mr. Rajeev Kumar, In-Charge Sports SMVDU, Cp. Sucha Singh Sports Coach. Mr. S. S. Sharma, Coordinator NSS, Dr. Pabitra Jena and Dr. Ajay Sharma were present. Ms. Nachappa also interacted with the Vice Chancellor Dr. Sanjeev Jain on promotion of sports and athletics at SMVDU. Dr. Jain also felicitated her.

Jammu Division Co-ordinators meets of 2nd JK Medical Science Congress held

SKIMS Soura and MPPCOS (Metabolic Syndrome-Pre-diabetes- polycystic ovary syndrome Society), in association with all Universities of Jammu and Kashmir, Medical colleges, and Directorates of health is organizing 2nd JK Medical Science congress 2017 and from 10-13 May 2017 at SKICC, Srinagar. The JK Medical Science Congress is an initiative of Jammu and Kashmir State Council for Science and Technology and the event is co-sponsored by MP PCOS society. Being an academic partner in the event, a pre-conference meet of coordinators was held at SMVDU, Katra. The meeting was co-ordinated by Dr. Rakesh Kumar, Assistant Professor, Department of Biotechnology, SMVDU. Prof. Mohammad Ashraf Ganie, Department of Endocrinology, SKIMS and Convener Medical Science Congress chaired the meeting and gave an Introduction to the conference and discussed the background of the MPPCOS society. It was deliberated in the meeting to explore the academic partnerships from different Universities

and Institutes of Jammu division. Dr. Ashraf laid stress on scientific contributions from various institutes from within and outside the state. He emphasized that there is a need for such a platform so that all scientists from different and varied fields of Biological sciences can come and share their observations. It was also decided to extend the early bird registration of the meeting and all institutes must give a wide publicity to the event. It will be a major event in the state of Jammu and Kashmir with over 1200 delegates expected to attend the event. Dr Ashraf also presented the draft brochure and announced that 20 international speakers are expected to present in the meeting. Other coordinators who attended the meeting were Prof. Ravinder Gupta from ASCOMS, Dr. Jitendra Mehta (National Health Mission), Dr. Sandeep Kaul from SMVDNH, Dr. Rakesh Raina (Dental Surgeon-Directorate of Health services, Govt. of J and K), Dr. Parvinder (Jammu University), Dr. Vikas Sharma (SKUAST Jammu), Dr. Aadesh Bhat (Central University, Jammu) and Dr Ritesh from Dental College, Jammu. All the co-ordinators thanked SMVDU for hosting the meeting.

Faculty Update

Prof. V.Verma attended International Conference in Italy

Prof. V. Verma, Head, Department of Biotechnology & Dean, Faculty of Engineering, Shri Mata Vaishno Devi University, Kakryal, Katra (J&K State) gave an oral presentation on “Cell wall integrity checkpoint protein Rlm1p as novel transcriptional regulator of F-box encoding gene SAF1 of *S. cerevisiae* during stress” in the “15th World Congress on 2nd International Conference on Biotechnology and Biotech Industries Meet Enzymology and Molecular Biology” held during 20th -21st March, 2017 in Rome, Italy.

The Conference was attended by about 100 Scientists & Scholars from India as well as many foreign countries. Prof. V. Verma also chaired a session on “Young Research Forum” in the conference. Delegates from the countries namely USA, UK, Japan, India, Austria, Poland, Egypt, UAE, Iran, Iraq, Pakistan, Turkey, Lebanon and Serbia participated in the conference. Prof. V.Verma also interacted with other academicians and researchers, Scientists from across the globe. Prof. V. Verma is highly grateful to the SMVDU authorities for funding his visit to Rome, Italy, under PDA grant for attending this international conference.



Faculty presented paper in Singapore

Dr. Balbir Singh, Associate Professor and Head, Department of Mechanical Engineering, Shri Mata Vaishno Devi University, attended International Conference on Advanced Materials and Engineering Materials (ICAMEM2017) at Ibis Singapore during 11th -12th Mar, 2017. Dr. Balbir Singh presented a paper entitled ‘Multi-objective Optimization in Electrical Discharge Machining of 6061Al/SiC_p using RSM and NSGA-II’. Dr. Singh also interacted with other academicians and researchers from South East Asian countries especially China, Japan, Malaysia, Indonesia, and Thailand, participated in the conference and also invited them to SMVDU for expert lectures and forthcoming International conference in Department. Dr. Balbir Singh is highly thankful to SMVDU for sponsoring his visit to present paper at International conference in Singapore.



Faculty presented paper in London

Dr. Azher Jameel, Assistant Professor, Department of Mechanical Engineering, Shri Mata Vaishno Devi University Katra, attended the 19th International Conference on Theoretical and Computational Mechanics (ICTCM-2017) held at London, United Kingdom from 14th -15th March, 2017. Dr. Azher Jameel presented a paper entitled “Effect of Inclusions on the Shape and Size of Crack Tip Plastic Zones by Element Free Galerkin Method” at ICTCM-2017. He also interacted with several academicians and researchers from different parts of the world. The conference was organized to attract leading experts from academia and industries across the globe and eminent experts from different countries which include USA, Japan, South Korea, China, and India were participated in the conference for the deliberation and discussion on the latest developments in the field of Computational Mechanics during the conference. The visit was fully supported by SMVD University.



Faculty presented paper at MIT Chennai

Dr. Vijay Kumar Sharma, Assistant Professor, Department of Electronics & Communication Engineering, participated in 4th IEEE International Conference on Signal Processing, Communications and Networking (ICSCN 2017) held at Madras Institute of Technology Campus, Anna University Chennai, from 16th -18th March, 2017.



Dr. Vijay Kumar Sharma presented a paper on “Low Leakage Circuit Design using Bootstrap Technique” in the conference. The paper proposed a method to design the low leakage power digital circuits in sub-threshold regime of the MOS devices & received the best paper award”. The conference was attended by people from IISc, IITs, NITs, industries and other reputed institutes. This conference aims to bring together innovative academics, researchers and industrial experts in the field of Communication, Signal Processing, VLSI Design, Computing and Networking to a common forum, for a constructive dialog on theoretical concepts and practical ideas. The objective of this conference is to provide a forum for the researchers to present their state-of-the-art work.

Faculty presented research paper in Italy

Dr.Shafaq Rasool, Assistant Professor, Department of Biotechnology, attended an International Conference 15th World Congress on Biotechnology and Biotech Industries Meet in Rome, Italy from 20th -21st March, 2017. The theme of the conference was Meeting the global Challenges through Biotechnology. Dr.Shafaq presented a research paper on Functional Metagenomics entitled “Identification and Characterisation of a novel Thermostable and Oxidant stable Protease from “Chumathang” Hot spring using Functional Metagenomics “. The research paper discussed in detail the potential of using functional metagenomics for the discovery of novel genes/proteins useful for different biotechnological endeavours. The abstract of the paper has been published in reputed journal “Journal of Biotechnology and Biomaterials” as conference proceedings. The research paper is an outcome of sponsored research project on Metagenomics by CSIR. The Conference was attended by renowned speakers and delegates from USA, Poland, Canada, Austria, UK, India, Italy, Greece and others. Dr.Shafaq got a unique opportunity to discuss and exchange ideas about various research findings and new advancements in the areas of Metagenomics and biotechnology with the eminent Scientists and academicians, researchers across the globe. Dr.Shafaq Rasool is highly grateful to the SMVDU authorities for funding her visit to Rome, Italy under PDA grant for attending this international conference.



Faculty presented research paper in Kolkata

Mr. Vikram Singh Assistant Professor, Department of Electronics & Communication Engineering, gave an oral presentation on “A 2-10 GHz Ultra-Wideband Common-Gate Low Noise Amplifier using Body Bias Technique in 0.18 μm CMOS” in the “2nd IEEE International Conference on Devices for Integrated Circuit (DevIC)” held during 23rd -24th March, 2017 in Kalyani Govt. Engineering College, Kolkata. The Conference was attended by about 150 Academicians, Scientists & Scholars from India as well many foreign countries like China and Japan. The aim and objective of DevIC 2017 is to provide an annual forum for the presentation and discussion of recent advances in solid-state devices, and circuits. During the Conference, Mr Vikram also exchanged the ideas with renowned academicians and researchers. Mr. Vikram Singh is highly grateful to the SMVDU authorities for funding his visit to Kolkata, under PDA grant for attending this international conference.



Faculty presented research paper in Singapore

Dr. Rakesh Kumar from Department of Mathematics, presented a research paper in the 5th Annual International Conference of Global Science and Technology Forum on *Operations Research and Statistics* at Singapore during 6th -7th March, 2017. He delivered his talk on the paper entitled, “Transient numerical analysis of a single server Markovian queuing system with discouraged arrivals and retention of renegeing customers”. It was a very nice opportunity to present before the peers from all over the world. He was also made the Program Committee member of the next GSTF Conference on Operations Research and Statistics. Every session of the conference was very interactive and informative.



Delegates from the countries namely Singapore, Australia, Canada, China, India, Indonesia, Japan, Korea, Malaysia, Taiwan, Thailand, USA, UK, Sri Lanka and Philippines participated in the conference. Dr. Rakesh is highly grateful to the SMVDU authorities for funding his visit to Singapore for attending this international conference.

Faculty presents paper in Netherlands

Dr. Anil Kumar, Assistant Professor, Department of Biotechnology attended the 2nd European Organic Chemistry Congress on “Enhancing the New Innovations and Challenges in Organic Chemistry” held from 2nd -3rd March, 2017 in Amsterdam, Netherlands. Dr. Anil delivered his talk entitled “Chiral Octahedral Complexes as Catalyst for enantioselective Organic Synthesis”. In the present study unexplored family chiral hydrogen bond donor catalysts based on octahedral Cobalt (III) complexes have been synthesized and effectively applied for the enantioselective organic synthesis. The presented research work was conducted in Professor John A. Gladysz’s Lab, Department of Chemistry, Texas A&M University, USA and funded by Welch Foundation, USA and University Grant Commission, Govt. of India, under Raman Post Doctoral Fellowship. The work has been published in high impact factor Journals-*Organic Letters-Inorganic Chemistry*-published by American Chemical Society, USA. The conference was organized to attract leading experts from academia and industries across the globe. The conference was attended by eminent experts from different countries which include USA, India, France, Germany, Spain, Italy, Japan, Malaysia, Indonesia, UK, Poland, Singapore, Mexico, Netherland, South Korea, Slovenia, Taiwan etc. Experts from industries such as Janssen Pharma R&D., USA, Merck and Co., USA, Boehringer Ingelheim Pharmaceuticals, Inc., USA, Technology and Research (A*Star) Singapore, Sun Pharma, India were also participated. Latest developments in the field of synthetic organic chemistry and Pharmaceuticals were deliberated and discussed during the conference. The visit was fully supported by SMVD University



Papers Published/Presented/Invited Talks

Dr. Rakesh Kumar, Assistant Professor, Department of Mathematics attended the mid-term evaluation meeting of the ongoing major research project at UGC, New Delhi on 1st March, 2017. He is working on transient solutions of Markovian queuing models with customers' impatience and retention of renege customers.

Dr. Suparn Sharma, Associate Professor, School of Business, delivered Talk as Chairperson Valedictory session on “Opening the Gate for FDI-Boon or Bane” in National Seminar at DAV College, Jalandhar on 25th March, 2017. Conducted training sessions on, “Research Methodological Tools & Applications” on 24th March, 2017 at Bhagat Phool Singh Mahila Vishwavidyalaya, Sonapat.

Dr. Suparn Sharma, Associate Professor, School of Business, delivered Keynote Address Session on “Happening Haryana & its Role in Economic Growth” in National Conference at Vaish Arya Kanya Mahavidyala, Bahadurgarh, Haryana on 22nd March, 2017.

Dr. Suparn Sharma, Associate Professor, School of Business, delivered training sessions(03) on, “Quantative & Qualitative Data Forecasting; Attitude Measurement & Multi-Dimensional Scaling; Autocorrelation ” in Two Week Refresher Course on “Research Methodology” conducted during 14-27th March, 2017 by HRDC, SMVDU, Kakryal, Katra.

Dr. Suparn Sharma, Associate Professor, School of Business, delivered training session (01) on “NPA Management” in Three Day Management Development Programme on, “Capacity Building for Banks Officers/Managers” during 19-21st March, 2017 by HRDC, SMVDU, Kakryal, Katra.

Dr. Suparn Sharma, Associate Professor, School of Business, delivered Invited Talk on “Measurement of Relationship Applying Panel Error Correction” on 7th of March, 2017 in 19th Annual National Conference of Society of Statistics, Computer and Application at Sher-e-Kashmir University of Agriculture, Jammu.

Er. Mir Irfan Ul Haq, Assistant Professor, DoME, attended and presented a paper in the 7th International Conference on Materials Processing and Characterization (ICMPC-2017), organized by GRIET Hyderabad and MANIT Bhopal, held at Hyderabad, India, March 17-19, 2017.

Student's Update

NSS conducted Campus Cleanliness Drive

NSS at SMVDU conducted Campus Cleanliness Drive on Sunday, 05th March, 2017. More than 150 students who are registered for NSS along with 8 volunteers participated with great enthusiasm and devotion. At 10 am, students assembled at B-C junction. Volunteers divided them into groups comprising 20 to 25 students. They were then assigned lecture halls (A, B and C), classrooms, and common areas Trikuta, Kailash and Vindhychal hostels, Architecture and Landscape block, Faculty of Management and Faculty of Humanities and Social Sciences. All the students came with their own buckets and rest of the materials like broom; cleaning liquid, mopping mats, etc. were provided by housekeeping which was coordinated by Security Officer. Students dusted their allotted places respectively and then mopped it. The event went on till 12 in the noon. After this, some refreshments were provided to all those who participated. The event was coordinated by Mr. Sumanta S. Sharma (Faculty Coordinator, NSS & Vikalp), along with Mr. Ajit (Student Coordinator, NSS), and Mr. Rajat Mishra (Student Coordinator, Vikalp). Ms. Ankita, Ms. Navneet, Ms. Jyoti, Ms. Shreya, Ms. Nidhi, Mr. Amit and Mr. Rakesh also volunteered for the event.



Research Scholar got Prize in National Conference in Dehradun

Ms. Savita Sharma, Research Scholar, Department of Biotechnology, SMVD University, Katra was awarded the Third Prize in Poster Presentation during the National conference cum workshop on "Biology, Culture, Conservation, Commercialization & Sustainable utilization of Medicinally & Floriculturally Important orchids" held at Graphic Era University, Dehradun organized jointly by The Orchid Society of India (TOSI), Chandigarh. The award was conferred to her by Padamshree Prof. (Redt.) Purohit, Punjab University, Chandigarh for the research work which was focused on medicinally important terrestrial Orchids *Epipactis helleborine* & *Spiranthes sinensis* reported from forest areas of Patnitop, J&K. The work was carried out under the able guidance of Dr. Sharada M. Potukuchi (Assoc. Prof. DoBT, SMVDU), Dr. Shaveta Chauhan (Asstt. Prof. Dept. of Botany, HVM, Jalandhar) & Dr. Sanjay Sharma (Asstt. Prof. Dept. of Biotechnology, DAV college, Jalandhar). The presentation was possible due to the liberal funding sponsored by University. Four M. Sc. (Biotechnology) students, Ms. Rajni Sharma, Ms. Fidrah Batool, Ms. Kirti Sharma and Ms. Anamika Khajuria also attended the Conference and greatly benefitted from the proceedings.



Research Scholar won Prize in JK Science Congress

Ms. Sehar Shakeel Raina, Research Scholar, Department of Mathematics, Shri Mata Vaishno University bagged 3rd Best Oral Paper Presentation Award in the category of Mathematical Sciences in 12th JK Science Congress held at University of Jammu during 2nd - 4th March, 2017. She presented a paper entitled "Relative p-Normal and Relative Quasi Normal Spaces".

In the past few years she has also achieved many prizes and awards including the prestigious Alka Memorial Award from Jammu Mathematical society, various prizes in One day Students Conferences and symposia organized by University of Jammu, Jammu Mathematical Society, Baba Ghulam Shah University and several other institutions. She has completed her master's degree in Mathematics from SMVD U by securing 1st position. Presently she is perusing her PhD in Mathematics under the supervision of Dr. A. K. Das, Head Department of Mathematics, Shri Mata Vaishno Devi University, Katra. Sehar expressed her heartfelt thanks to her parents and teachers for their guidance throughout her studies.

Student wins first prize in JK science congress

Ms. Sheetal Bhat, a student of Shri Mata Vaishno Devi University, D/o Smt. Sweety and Mr. Pran Nath Bhat brought laurel to the University as she won First Prize in poster presentation in Health and Dentistry. She is perusing her M.Sc. in Biotechnology and is presently working under the supervision of Dr. Rakesh Kumar, Assistant Professor and Mr. Arvind Yadav for her dissertation work. She presented her poster on “Genetic characterization of human pulmonary neoplasm & its effect on human health” and her study laid stress on understanding the dynamics of lung cancer genetics and to target various biomarkers in respiratory secretions and tissue specimens, which hold promise for early, non-invasive diagnosis of lung cancer.



Dr. Rakesh Kumar is cancer biologist working as an Assistant Professor in the Department of Biotechnology. All his major research projects focus on different cancers and presently his major research grants are on Breast and Lung Cancer funded by DST-Govt. of India and SERB-Govt. of India. He thanked DST-Govt. of India for sponsoring the recently funded research project on Non-Small cell lung carcinoma. The Vice Chancellor Dr. Sanjeev Jain congratulated the student and faculty for the award. He has been laying stress on quality work and encouraging the students for it. He laid emphasis on such studies and reiterated that these studies are commendable for their international standards, which will go a long way in patient care and data generation from Jammu and Kashmir. It is worth mentioning here that SMVDU has set benchmarks for the outgoing students of B. Tech. and M.Sc. for their dissertation work and such benchmarks will raise the standard of University. Ms. Sheetal Bhat thanked her supervisors and Head of the Department Prof. V. Verma for the guidance and support for study.

B.Tech (ECE) students visit Industries in Chandigarh

Pre & Final Year students of B.Tech.(ECE) of Shri Mata Vaishno Devi University, visited Industries in Chandigarh between 19th - 21st February 2017 for a field exposure. B.Tech. students got an opportunity to see the facilities for VLSI design & fabrication at Semiconductor Complex Lab (SCL), a part of ISRO, Govt. of India. Shri Sanjay Bhatnagar, Group Head Project Planning Group, interacted with the students and introduced them to the activities of SCL which primarily focus on VLSI and MEMS Chip



design. The students appreciated the MEMS designing and fabrication techniques available at SCL as they study these courses as part of their curriculum at SMVDU. It was wonderful experience for them to see the fabrication and designing steps live which they study in their classes. The students also visited the packaging and quality assurance unit as a part of the visit. The stringent quality control techniques followed by the SCL for packaging was explained to them in great detail. Earlier, Dr. Purnima Hazra, and Mr. Vikram Singh, faculty members of Dept. of Electronics and Communication Engineering presented memento to Shri Sanjay Bhatnagar on the behalf of Shri Mata Vaishno Devi University. Mr. Neeraj Tripathi informed about the faculty working in the field of VLSI, MEMS and the availability of highly sophisticated CAD software with the Dept. at SMVDU. In the latter part of the visit, the students visited CSIO, Chandigarh and Bio-medical lab to learn the latest trends in prosthetics, mainly in the field of bone implants. The interactions with the CSIO scientists proved to be very productive for the students as they saw usage of computer simulation programs for design of jaw bone prosthetics. The students were also shown the modern wheel chairs for needy people with very sophisticated embedded technology. As a part of the visit, the students visited the mechatronics lab at Indo-Swiss Training Institute at CSIO and watched the functioning of tools. The whole journey was accompanied by the faculty members from the Department of Electronics and Communication Engineering, SMVDU. The overall tour was planned by Mr. Ashish Suri.

Research Scholar won 1st Best Poster Award in JK Science Congress

Niharika D/o. Bharti who has been awarded 1st best poster award in the 12th JK Science Congress on the theme "Science and technology: Emerging trends and Innovations" held at University of Jammu from March 2nd -4th, 2017, in the section mathematical, statistical and computer sciences. The poster was presented on "Task Scheduling Algorithms in cloud orchestration". Niharika is pursuing Ph.D. under the supervision of Dr. Naveen Kumar Gondhi at Department of CSE at SMVDU, Katra.

Mr. Ram Krishan, DST INSPIRE Fellow & Research Scholar, Department of Mathematics, SMVD University, Katra, participated in the Science Academies' Lecture workshop on Algebra and Geometry, Funded by IASc. Bangalore, INSA New Delhi, NASI Allaha-bad organized by Department of Mathematics, Central University of Jammu, Jammu during 24th-25th March, 2017 .

Mr. Ram Krishan, DST INSPIRE Fellow & Research Scholar, Department of Mathematics, SMVD University, Katra, presented a paper titled, " Composition followed by differentiation between Hardy type subspaces" in the UGC Sponsored National Confer-ence on Topology, Analysis, Algebra and their Applications organized by Department of Mathematics, SMVD University, Katra from 07th-08th March, 2017.

Mr. Ram Krishan, DST INSPIRE Fellow & Research Scholar, Department of Mathematics, SMVD University, Katra, presented a paper titled, "On compactness of concrete operators acting between some spaces of holomorphic functions on the unit disk" in the 12th JK Science Congress organized by University of Jammu, Jammu from 02nd-04th March, 2017

10th Thursday Mind-Meet

10th Thursday Mind-Meet was organized on the theme "The Constitution of Jammu & Kashmir-First Session" at 5PM on 9th March 2017 in the Lecture Theatre C. The speaker on the occasion was Dr. Anil Kumar Tewari, Asst. Prof., DOPC. He initiated the dis-cussion by pointing out the Puranic and Historical background of the State of Jammu and Kashmir. The present valley of Kashmir is believed to have first populated by Rishi Kashyapa after draining the lake by cutting the gap at Varaha-mula (Barramula). Mahara-ja Gulab Singh established the present form of the State of Jammu and Kashmir on 16th Mar. 1846. He ruled initially Jammu region and finally the whole of the present State from 1822-1856. He was followed by Maharaja Ranbir Singh (1856-1885), Maharaja Pratap Singh (1885-1925) and Maharaja Hari Singh (1925-1949). The last king Maharaja Hari Singh signed on the instrument of ac-cession to merge the State into the then Dominion and now Republic of India. In view of the carrying capacity of the geographical region and for the socio-economic welfare of the people of the State, Maharaja Hari Singh classified his subject into three classes. Class I subjects were the permanent residents in the State since Gulab Singh's time. Class II subjects were the people who, other than class I, settled in the State and have immovable property till 1911. Class III subjects were those who would become perma-nent resident after acquiring property under raiyyatanama or would be settled under ijazatnama and may be given raiyyatanama after 10 years of their settlement. All these subjects became the permanent residents of the State (abolishing therefore the status of 'subject') after the adoption of the J&K Constitution on 17th Nov. 1956. The Constitution was implemented in full on 26th Jan. 1957.

11th Thursday Mind-Meet

The discussion continued in the 11th Thursday Mind-Meet which was organized with the theme "The Constitution of Jammu & Kashmir-Second Session" at 5PM on 16th March 2017 in the Lecture Theatre C. In this session, a survey of the whole Constitution of Jammu & Kashmir carried out. It was pointed out that this Constitution is really a gem in the Union of India. The significance of the Constitution of Jammu & Kashmir lies in its promising character with regard to the federal provisions in the Constitution of India. The laws passed by the Parliament cannot be unconditionally applied to the State of Jammu & Kashmir without keeping its geographical, social and cultural conditions in mind. There are altogether 13 Parts and 158 Sections (called Articles in the Consti-tution of India). Following are the highlighted sections:

Part II

Sec. 3: The State of J&K is and shall be an integral part of the Union of India.

Sec. 4: Territory of the State: all the territories which on the 15th Aug. 1947 were under the sovereignty or suzerainty of the Rul-er of the State.

Sec. 5: Extent of executive and legislative power of the State: The executive and legislative power of the State extends to all mat-ters except those with respect to which Parliament has power to make laws for the State under the provisions of the Constitu-tion of India.

Part III

Sec. 6: Permanent Residents: Citizen of India if on 14.5.1954, he was a State subject of class I or II, or having acquired immovable property lived not less than 10yrs in the State prior to the date.

Part IV

Sec. 13: The objectives of the freedom movement of “New Kashmir” shall be pursued.

Part V

Sec. 26: Head of the State Governor (before 1965 Sadar-i-Riyasat, changed through 6th amend.)

Sec. 28: Term of office, 5yrs/till the pleasure of the President or successor takes over.

Sec. 29: Governor’s qualification: citizen of India and minimum 30yrs age (in other States it is 35 years).

Part VII

Sec. 103: District Judge can be appointed on the advice of HC from persons with 7 or more years legal practice (in other States the District Judges are appointed through promotion only from lower rank Judges).

Part XI

Sec. 144: Flag of State

Red Color: Martyrs (13 July 1931)

Three white strips: Three regions (Jammu, Kashmir and Ladakh)

Plough: Laborers and Peasants



Sec. 145: Official language of the State-Urdu, but English language shall be used for all official purposes, unless the Legislature by law makes it otherwise.

Part XII: Amendment of the Constitution

Sec. 147: An amendment bill can be introduced in the Legislative Assembly or Legislative Council and need to be passed in each House by a majority of not less than two third of the total membership of that House, before its presentation to the Sadar-i-Riyasat (now called Governor) for his assent. After his assent to the Bill, the Constitution stands amended. But, any proposal for the abolition of the Legislative Council must be passed by a majority of the total membership of the Assembly and by a majority of not less than two-thirds of the members of the Assembly present and voting for any amendment.

The State Legislatures however have no power to introduce any Bill for Amendment to make any change in (a) this section; or (b) the provisions of Sections 3 and 5; or (c) the provisions of the Constitution of India as applicable, in relation to the State.

Alumni Corner**ALUMNI Interaction held**

An alumni interaction was held at department of computer Science and Engineering on 6th of March 2017. Mr. Sumit Kesarvani 2011 batch and Mr. Pratush Kumar 2013 batch alumnus presently working with TATA IQ and AMAZON Bangalore Visited the department. They interacted with faculty and staff members and apprised them about their job profile and the domain currently they are working on in the industry. They also interacted with the students of First, 4th and 6th semesters, CSE and shared their personal and professional experience during their stay at smvdu. Students during this interaction asked series of questions to them on various technologies and regarding their placement issues apart from recent trends in the IT market. Mr. Sumit assured to the students regarding the opportunity their company is going to provide for them in the coming Semester. The session was quite cordial, useful and encouraging. They stressed further on the importance of doing projects and internship programs the course of study offers to them during their studies. They also praised and shared some of best moments on the campus they enjoyed during their stay. Students were delighted to have them in person. At the end of interaction, Sanjay Sharma I/C faculty Coordinator, DoCSE thanks and blessed both of them in their future endeavors and for visiting and interacting with the students.