



Campus Jottings

UPCOMING EVENTS

- **National Conference on Interdisciplinary Aspects of Plant Sciences** from 2nd – 4th Nov, 2017
- **Music festival** from 3rd – 5th Nov, 2017 in collaboration with Sangeet Natak Akademi
- **National Entrepreneurship Development Program** from 27th Nov, – 23rd Dec, 2017
- **Titiksha- Annual Technical Festival** from 3rd – 5th Nov, 2017

PATRON

PROF. SANJEEV JAIN

Vice-Chancellor

EDITORIAL TEAM

Dr. Varun K. Tripathi
Dr. Ratna Chandra

DESIGN & DRAFT:

Mr. Girdhari Lal Sharma

8th meeting of Board of Academic, Research and Consultancy

The 8th meeting of Board of Academic, Research and Consultancy was held at SMVDU under the chairmanship of Vice Chancellor Prof. Sanjeev Jain. BARC is a statutory body that deliberates upon all academic issues of various departments and proposals recommended by the Board of Studies of various departments. The agenda items of the meeting were presented by Dr. Sumeet Gupta Dean Academic Affairs. The main issues under highlight were the review of eligibility criteria of some academic programs, students' placements, new parameters of faculty appraisals, consultancy rules, guest lectures by resource persons from industry and corporate etc.



The meeting held as a preparatory exercise for the awaited Academic Council meeting to be held on 16th September. Prof. V. Varma Dean Faculty of Engineering, Prof. D. Mukhopadhyaya Dean Faculty of Management, Dr. Hari Govind Mishra Director Internal Quality Assurance Cell (IQAC), Dr. Suparn Sharma Faculty In-Charge Central Library, all Heads of the Departments, Dr. Shaila Canni Principal Shri Mata Vaishno Devi College of Nursing and Mr. Samir Vohra AR Academic Affairs attended the meeting.

29th Academic Council

The 29th meeting of the Academic Council of Shri Mata Vaishno Devi University held on 16th September in the Chairmanship of the Vice Chancellor Prof. Sanjeev Jain. Prof. Jain impressed upon that the entire teaching has to be student centric, i.e., the courses should be designed and implemented keeping in mind the employability of students. The Action Taken Report (ATR) and the agenda items were presented by Dr. Sumeet Gupta, Dean Academic Affairs. ATR included issues like inclusion MOOC courses in curricula, eligibility criteria of admissions in certain programs, fee waivers for the wards of faculty and staff members, review of proportion of theory and practical in examinations, reservation of seats for persons with disability. Discussion on the agenda items included rationalization of seats in various programs, introduction of M.Sc. Genetics program in the Dept. of Biotechnology from next academic year, modification in students' merit-cum-means fellowship scheme, recommendations of the Board of Studies of Departments of Energy Management, Physics, Mechanical Engineering, Economics, Computer Science, Electronics and Communication Engineering, School of Business and College of Nursing. Revised Intellectual Property Rights bye-laws, award of degrees to the graduated students across disciplines, proposal for the creation of the post of Examination Controller and new faculty appraisal parameters were also discussed.



Flood Relief Camp organized

In the wake of the devastating floods in many parts of India like Assam and Bihar, the students of Shri Mata Vaishno Devi University had organized a Collection Camp this week in association with Goonj under their 'RAHAT Floods' campaign. The camp was set up in university campus itself as well as in Delhi Public School Katra and Shri Mata Vaishno Devi Narayana Hospital. It was a huge success with the support of faculty, staffs, students and people from the locality coming out to make generous donations. The collected commodities include clothes, utensils, footwear, bags etc. as well as some monetary support was also obtained for logistics. The commodities collected will be sent to the flood victims through Goonj – a leading NGO in the field of flood relief and rehabilitation. The camp was organized in the voluntary leadership of Mr. Roy Keshav Sharma coordinator of the camp, Shubham Upadhyay, Tushar, Sandeep Mishra, Pranav, Rashid Altaf, Simran Chaudhary, Manglam Bharat and Shreya Pandita. The camp held under the guidance of Dr. Varun K. Tripathi and Dr. Yugal Khajuria Dean of Students.

Entrepreneurship Awareness Camp organized

The Entrepreneurship Development Cell (EDC) of Shri Mata Vaishno Devi University is going to organize DST-NIMAT Project Sponsored Entrepreneurship Awareness Camp (EAC) from 15th -17th September, 2017 on the campus. The camp will focus upon the fostering and developing entrepreneurial ideas in a congenial environment so that they may be made attractive for the purpose of commercialization. Science & Technology final and pre-final year degree students like B.Tech. & M.Tech., B.Arch., MBA., MA, M.Sc. (English/Physics/Mathematics/Bio-Technology) students are eligible for the camp without any registration fee and the last date of receiving applications is 12th September, informed Dr. Supran K. Sharma, Program Coordinator & Chief Coordinator, EDC, SMVDU. The selection of candidates would be on *first come-first-served-basis*. It is pertinent to mention that the EDC, SMVDU provides entrepreneurial and managerial skills and train the students as well as youth of the State for entrepreneurial challenges through entrepreneurial awareness and motivation. It provides effective linkages with various departments of the campus to bring about entrepreneurial culture for optimal utilization of the expertise, resources and know-how available. Major objectives of EDC include providing entrepreneurial training to the youth in the region; promoting rural and women entrepreneurship in the region; providing rigorous training for entrepreneurial development in the courses being taught in different schools and departments in the University and making the unemployed youth of the region familiar with starting and running small and rural industry successfully.

Two Day workshop on Joint Studio

A two day 'Joint Studio' workshop (Time-problem design competition) was organised by Department of Architecture & Landscape Design (DALD), SMVDU on Conceptual Architectural Design for "My Place to Work, Play and Sleep in the Himalayas". The studio was the joint collaboration on academic exchange between SMVDU and School of Planning & Architecture (SPA), New Delhi - An Institute of National Importance. A total of 60 students of B.Arch. 3rd year 5th semester & 7 faculty members participated in the studio which included 24 students and 4 faculty members of DALD and 36 students and 3 faculty members of SPA respectively. The students worked in 12 mixed groups of 5 students, 3 from SPA and 2 from DALD each under the mentorship of Ar. Aditya Kumar Singh, Head of Department of Architecture & Landscape Design, Ar. Dinesh Nanda Visiting Faculty DALD, Ar. Abhimanyu Sharma, Asst. Professor DALD, Ar. Vinod Kumar, Asst. Professor DALD, Ar. (Dr.) Ranjana Mital, Professor SPA, Ar. Vijay Garg, Visiting Professor SPA and Ar. Amit Babbar, Visiting Professor SPA. The studio was successfully concluded with outcome in terms of design directives, design priorities, spatial experiences and formal expression. The competition was won by the group consisting of Mr. Yagvinder Kumar Memoria (DALD), Mr. Hemant Jindal (DALD), Mr. Abhinav Sujit (SPA), Mr. Yatharth Gupta (SPA) and Mr. Migom Doley (SPA). Vice Chancellor Prof. Sanjeev Jain and Dean Faculty of Engineering Dr. V. Verma congratulated the winners and assured more collaborative academic exchange in future for mutual advantage of participating institutes.



Prof. Desai delivered a Lecture

Department of Biotechnology (DoBT), Shri Mata Vaishno Devi University, Katra organized an invited Lecture on 12th September, 2017; wherein Eminent Professor (Dr.) Umesh Desai, Director, Institute of Structural Biology, Drug Discovery and Development, Department of Medicinal Chemistry, Virginia Commonwealth University, Richmond, USA, spoke on the topic "Biotechnological Approaches in the Synthesis of Glycosaminoglycans". At the outset, Dr. Indu Bhushan, Assistant Professor, DoBT extended a



warm welcome with a brief introduction of Prof. Desai highlighting his academic and research achievements. He recollected his lab experiences where he recently completed his Post-Doctoral training under the UGC-Raman Fellowship granted in 2016-17 with the able guidance of Prof. Desai. Dr. Desai is a renowned Scientist in the area of Drug Discovery and has to his credit many International publications in journals of high repute, awards and patents. He is nationally and internationally known for his work in developing a new line of anticoagulant agents expected to alleviate adverse affects seen in current thrombotic therapy used with heart attacks and strokes. The Lecture was attended by the Faculty members, research scholars and UG/PG students of the Department and was very interactive and interesting. Dr. Desai in his lecture talked about "Heparin" on which he and his research group is working to design a synthetic mimetic of heparin, a commonly used, animal-derived anticoagulant agent. The research has been a key factor in launching a new field of medicinal chemistry - nonsaccharide glycosaminoglycan mimetics - and the molecules being developed might also prove to be of use in treating cancer, HSV, HIV and chronic wounds. He has also visited all the labs of the Department accompanied by Dr. Sharada M. Potukuchi, Associate Prof. and Academic Coordinator, DoBT and Dr. Indu Bhushan. He interacted with the scholars and students and was interested in their research areas. Prof. V. Verma, Head, Department of Biotechnology & Dean, Faculty of Engineering extended a vote of thanks to Prof. Desai for taking time out to visit SMVDU and deliver such an exciting and interactive Lecture.

TBIC conducts 7th Managing Committee" meeting and Incubatee Connect 2017"

Shri Mata Vaishno Devi University Technology Business Incubation Center Society (SMVDU-TBIC) conducted the 7th Managing Committee SMVDU-TBIC meeting under the chairmanship of Dr. Sanjeev Jain, Vice Chancellor, SMVDU. The committee is comprised of Dr. Anil Wali, M.D. FITT, IIT Delhi, New Delhi, Dr. Apoorv Ranjan Sharma, Mumbai, Sh. Yashwant Dev Panwar, Head PFC, TIFAC, MoS&T, New Delhi, Prof. V. Verma, Dean FoE, Prof. V. K. Bhat, Registrar & Dean FoS, Sh. Romesh Singh, Finance Officer, Dr. Ashutosh Vashishtha, Coordinator and Dr. Swarkar Sharma, Interim-CEO SMVDU-TBIC. The meeting was to comprehend the updates and progress made by SMVDU-TBIC. Dr. Swarkar Sharma informed all the members that SMVDU-TBIC has



been successful to secure additional seed support grant of Rs. 2.1 crore from NSTEDB-DST, Gol under NIDHI Seed Support System to facilitate startups with financial assistance. The committee also evaluated the progress of various Startups registered as SMVDU-TBIC incubated companies with MCA, Gol and been facilitated with initial financial seed support from SMVDU and other legal services. As part of the program, TBIC also conducted its incubatee meet "Incubatee Connect 2017" where all the directors of the SMVDU-TBIC incubated companies met and shared their achievements and concerns with each other and SMVDU-TBIC team. The startups: HASTRIX, ALO AUTOWORKS, SPUR D SHELTERS, CLEUB AUTOMATIONS, ESMART SOFTWARE SOLUTIONS, KUNJA TECHNO, FLYDEX AUTOMOBILES, REPORT CARD PLUS and GURAH GAIYA MANAGERS participated in the event. Ms. Nikita Jain Manager, Mr. Vickey Kaw, Secretary and Mr. Munish, Facilitator SMVDU-TBIC coordinated the events successfully.

SMVDU-Technology Business Incubation Center Society (SMVDU TBIC) is established at Shri Mata Vaishno Devi University, Kakryal, Katra with the Grant-in-aid jointly from NSTEDB, DST, MoST, Government of India with an objective to identify potential innovative Technology based ideas and facilitate these into independent self-sustaining businesses. For the benefit of all, SMVDU-TBIC has kept its online application portal open 24x7 at www.smvdutbic.org for preliminary applications and every month preliminary screening is done. In addition, SMVDU-TBIC has launched “Innovation Challenge 2017” where Entrepreneurs from all across the country are welcome to participate and last date of the submission of the idea online is October 5, 2017.

Prof. Mathur delivers Lecture

Prof. Jyotirmay Mathur from MNIT Jaipur visited the Department of Energy Management, Shri Mata Vaishno Devi University for a 2 days lecture series on 15th Sept 2017 as Adjunct Professor. He was greeted by Dr. Sanjeev Anand, Head Dept of Energy Managment, SMVDU. Prof. Mathur, a Ph.D. from University of Essen, Germany, works in the field of energy planning and modelling, building energy simulation, energy conservation in buildings, and life cycle assessment of renewable energy systems. His current activities include studies on adaptive thermal comfort, modelling of passive and low energy cooling systems, development of standards and codes for energy efficiency, long term energy system modelling penetration of renewable energy. Prof. Mathur, lectured students of M.Tech. Energy Management on e-QUEST, energy simulation software for buildings. His lecture was followed by a hands-on training on the software. This session was followed by a talk on the Energy Conservation Building Codes (ECBC) 2017.



Three-Day Entrepreneurship Awareness Camp Inaugurated

Three-Day DST-NIMAT Project sponsored ‘Entrepreneurship Awareness Camp’ (EAC) inaugurated at Shri Mata Vaishno Devi University. The prime objective of the camp is to sensitize the students in the domain areas of entrepreneurship management and related tools. This three days event consists of number of training sessions; interaction with the successful entrepreneur to gain hands-on experience, to inculcate entrepreneurial traits/competencies and enhance confidence amongst the participants. Moreover, with the objective to provide field exposure, the camp is also going to organize Industrial visit for the participants during the event. The EAC is also going to indoctrinate skills to develop business strategies and articulated vision for competitive excellence. The event has evidenced huge participation from the students of B.Tech. M.Tech. B.Arch. MBA etc. During the inaugural function Prof. D.



Mukhopadhyay Dean Faculty of Management and chief guest of the function defined Management in a magical way and conveyed best wishes to the event. Earlier, Dr. Suparn Kumar Sharma, Associate Professor School of Business, described in detail about the program, he also described the fundamental objective of the event. Dr. Sushil Mehta, Head School of Business also addressed the gathering with motivated illustrations. Prof. Sanjeev Jain, Vice Chancellor SMVDU conveyed greetings and best wishes for the success of the event. Dr. Yugal Khajuria, Dean of Students and the Guest of Honour of the function shared his own practical experiences with the participants and motivated the participants for out-of-the box thinking. The event is going to have experts from academia, industry as well as public sector to make the event a success for the participants in particular and society in general.

Lecture on the Benefits of Yoga

A special lecture on Yoga was jointly organized by Mind-Meet Forum, NSS and Yoga and Well being Club of Shri Mata Vaishno Devi University. The

speakers, Mr. J.L. Sharma and Col. V.S. Jamwal, members of Bhartiya Yoga Sansthan, Jammu, informed the audience about the yoga and its benefits to First-Year students of the university. Mr. J.L. Sharma informed the students about the activities con-



ducted by the Sansthan without any charges. Col. V.S. Jamwal explained the eight limbs of yoga, viz., Yama, Niyama, Asana, Pranayama, Pratyahara, Dharana, Dhyana and Samadhi, along with kriyas and mudras. He also talked about causes of diseases and urged students to observe their eating habits and daily routine. Students were specially informed about the therapeutic benefits of yoga on poor eyesight, relieving stress, enhancement of concentration, attention and over all mental and physical health. The lecture was followed by questions and answer session, in which the speakers tried to dispel the myths about yoga, and its precautions. Students were also given demonstration of some simple pranayams and asanas. This lecture was also an orientation program for the upcoming one-week yoga workshop for beginners being organized specially for first-year students. The program was coordinated by Dr. Anil Kumar Tewari, Assistant Professor, Department of Philosophy & Culture, and Coordinator of Mind-Meet Forum. Dr. Varun Kumar Tripathi, Head Department of Philosophy & Culture, Mr. Sumanta Sharma, NSS Coordinator, Dr. Madhu Mangal Chaturvedi, and Dr. Raju Shankarayan, Assistant Professor, Dept. of Biotechnology were also present. The event was organized on the direction of the Vice-Chancellor Prof. Sanjeev Jain, who sincerely believes that students must be motivated to practice yoga for health and spiritual benefits.

University Joins National Academic Depository

Shri Mata Vaishno Devi University continues with its initiative of being an important part of the Digital Revolution of the Government of India and signed an Agreement with CDSL to join National Academic Depository (NAD). NAD is an important initiative of Ministry of Human Resource Development (MHRD), Government of India, to facilitate issuance and storage of academic awards of students in an online depository thus making it easier for students to get their documents verified on-line for the purpose of admission to institution of higher learning or by their prospective employers, informed Mr. S. B. Kotwal, Assistant professor Department of Electronics and Communication Engineering and the Nodal Officer NAD. The purpose of NAD is to help in validating the authenticity of awards of students and to ensure their safe storage and easy retrieval. Academic awards maintained in a 24x7 online accessible digital depository would provide benefit to educational institutions, students and employers by enabling online access and retrieval. This is done to eliminate fraudulent practices such as forging of certificates and mark-sheets and facilitate validation. A NAD awareness and training program was organised in the University. The representative of NAD, Mr. Inderjeet Singh, Dy. Manager, CDSL, apprised the officials and staff members of Academics, Examination & Establishment Section of university about the implementation of NAD and the processes involved in students' registration, data uploading and verification. Vice Chancellor Prof. Sanjeev Jain expressed his satisfaction upon the initiative and wished that the objectives of NAD should be pursued carefully.

University gets World Bank assistance

Shri Mata Vaishno Devi University is included under the Technical Education Quality Improvement Program - TEQUIP-III scheme of MHRD for transformation of education system with financial assistance from the World Bank, announced the Vice Chancellor Prof. Sanjeev Jain. The third phase of TEQUIP has been started by MHRD for the duration from April 2017 till March 2020. The

objectives of TEQUIP is to strengthen institutions to produce high quality engineers for better employability, scaling up post-graduation education and demand-driven R&D and innovation, establishing centers of excellence, training of faculty and enhancement of institutional system management effectiveness. The funding under the project is for engineering programs and departments approved by AICTE. The project will benefit the university to meet the objective of being a Technical Institution of National Importance. Besides all this, the project is considered very prestigious since funding is made available by the World Bank through MHRD, Govt. of India, to carefully selected institutions only. The total project grant under TEQUIP will be 15 crore to be utilized till March 2020. For the current year, in the TEQUIP project, under the AICTE mandate, the objectives – as approved by the Chancellor of the University Sh. N.N. Vohra, such as induction program, GAIT as exit exam for all B.Tech. students and mandatory industry internship, establishment of tinkering lab, revision of curriculum and industry readiness, inclusion of SWAYAM courses under MOOC in the curriculum, mandatory NBA accreditation etc. will be achieved.

Four Day Workshop on “Bamboo as a Sustainable Material”



The role of bamboo in sustainable practices in Architecture has been identified all across the globe in contemporary era. Accordingly, to enrich such knowledge among budding Architects of Shri Mata Vaishno Devi University, Katra, a The workshop is organized particularly for the students and shall consist of two modules, the second module being a hands on workshop in which a suitable bamboo structure (pavilion or parking shed) shall be fabricated by the students in SMVDU campus. The structural and Architectural design, fundamentals of using bamboo and exemplary works of bamboo shall be covered in on going module-I from 27th September to 30th Sep.' 2017. Prof. Pravinsinh Solanki, Head- Centre of Bamboo Initiatives, NID Ahmedabad is invited as the resource person of the two module workshop. The workshop was inaugurated by Dean of Students, Dr.Yougal Khajuria and Prof. Solanki along with student coordinator of the workshop Ms. Shradha Gupta and Mr. Rituraj Sarma. Inaugural ceremony started with the introduction by the student anchors Ms. Rashi Jain & Ms. Shradha Gupta followed by lamp lighting ceremony. Formal introduction of the workshop along with the profile of resource person was introduced by anchors to all the attendants. Speaking on the occasion Prof. Solanki introduced bamboo benefits and the need to adopt this material in different capacities in Architecture and design . The ceremony was attended by all the faculty and staff members of the department. Around 100 students of the department are attending this workshop. The opening ceremony concluded with the felicitation of the resource person by student coordinators. Hon'ble Vice Chancellor, Dean Faculty of Engineering and faculty members of the department extended their best wishes to the students for enriching their knowledge with this workshop.

Dr. Shashi delivers lecture on Synthetic Biology

Department of Biotechnology, Shri Mata Vaishno Devi University (SMVDU) today organized expert lecture of Dr. Shashi Kumar, Group Leader at ICgeb, New Delhi. The title of the lecture was **“Synthetic biology for artemisinin biosynthesis and oral delivery of antimalarial drug”**. The lecture focused on the mechanism of drug development through synthetic biology techniques using artemisinin, Artemisinin is naturally isolated compound from leaves of Chinese herb *Artemisia annua* and have the fastest parasite clearance times of all current antimalarial drugs along with their role as an anticancer agent. Dr.Kumar shared his research experience wherein they used intact plant cells for encapsulation of artemisinin so as to protect the drug from rapid degradation by the intestinal and hepatic enzymes and allowing the release of drug into the blood stream by gut microbes. Their research also included the use of tobacco plants for bio encapsulation with no noticeable toxicity in murine models. Dr. Shashi also

emphasized on the futuristic approach of metabolic engineering and encouraged young researchers to explore the opportunities. The lecture ended with the vote of thanks by Dr. Narendra K. Bairwa, Assistant Professor, DoBT who had organized the lecture in the department. The lecture was attended by students and faculty members from the Department of Biotechnology.



Two Days International conference on “Machine Learning and Computational Intelligence



A two days International conference on “Machine Learning and Computational Intelligence (ICMLCI) -2017” organized by Department of Computer Science and Engineering, SMVDU on 28th September. The conference was inaugurated by lighting the ceremonial lamp by the Chief Guest Dr. Suresh Dara ,Guest of Honour Dr. Haider Banka, Hon’ble Vice Chancellor Dr. Sanjeev Jain, Dr. Vijeshwar Verma, the Dean, Faculty of Engineering and Dr. Baijnath Kaushik, Head of Department of Computer Science and Engineering. The session began with a welcome speech by Dr. Baijnath Kaushik, the convener of the conference who formally welcomed the internationally renowned dignitaries, Dr. Valntina E. Balas from AUREL Vlaicu University, Romania, Dr. Haider Banka from IIT, Dhanbad and Dr. Suresh Dara, from Telengana. He also stated the importance of the upcoming field of Machine Learning and briefed the audience about the events of the conference. He appraised the audience about the conference having participation from around the world and country. This was followed by an address by Dr. Vijeshwar Verma, dean of faculty of engineering. The Guest of Honour, Dr. Haider Banka, Associate professor, IIT Dhanbad addressed the gathering by giving very interesting life examples of Machine Learning. This was followed by the address of the Chief Guest, Dr. Suresh Dara. The inaugural was concluded by presidential remarks by Hon’ble Vice Chancellor Dr. Sanjeev Jain. He stated and stressed on the importance of technology and its impact on the society which will enhance the living standards of the masses. He also applauded the students of SMVD University who have done commendable research projects for renowned companies in India and abroad. He also stated that the students are provided with the technological support in SMVDU by the Incubation Center (TBIC-SMVDU) created with in the campus which help the students to transform their theoretical knowledge into practical. He also stressed on the importance of the emerging field of Machine learning and computational intelligence which has a great prominence in domain of computer science. From early cancer diagnosing to giving better search results, the applications of this field span across a vast array of domains.

Keynote addresses were delivered by Dr. Banka and Dr. Dara, outlining the relevance of the field of machine learning and computational intelligence in modern times. Rest of the day was marked by two technical sessions, where the delegates presented their papers and exchanged their research ideas. The conference includes research papers from various countries like Peru, Iran, USA, and various states of India along with Jammu and Kashmir.

Hindi Pakhwada celebrated

Hindi Pakhwada was celebrated at Shri Mata Vaishno Devi University, Katra from 14th – 28th September 2017. Prof. D. Mukhopadhyay, Dean, Faculty of Humanities and Social Sciences and Chairperson of the Hindi Cell inaugurated the celebration on Hindi



Diwas on 14th Sept. 2017. There were 8 competitive events organized during the fortnight: poetry composition, story writing, pronunciation, essay writing, debate, elocution, calligraphy, quiz on Hindi. More than 250 students participated in these competitions. These events were coordinated by a team of students led by Vivek Kumar, 4th Year B. Tech. Student of Electronics and Communication Engineering. A Kavi Goshthi of Young Poets was organized on 28th Sep. 2017 in the collaboration of Jammu-Kashmir Academy of Art, Culture and Languages. More than 15 poets from Jammu region and SMVDU recited their poetry in the Matrika Auditorium of SMVDU. This concluding function was chaired by renowned Hindi and Dogri author Prof. Shiv Nirmohi. The Goshthi was conducted by Ms. Reeta Khadyal, Asst. Editor from JKAACL. Dr. Anil Kumar Tewari, Nodal Officer of the Hindi Cell, SMVDU welcomed the audience and guests which included the dignitaries of JKAACL and the faculty members, their families and the students of the University. In the last, the winner students were given the prizes and certificates by Dr. Yugal Khajuria, Dean of Students, SMVDU and Prof. Shiv Nirmohi. The valedictory function concluded with a vote of thanks by Mr. Popinder Singh, Asst. Editor, Shiraza (Punjabi).

Two days workshop on Tiritiya Crab-e-Con on Gastro-intestinal Cancer

Two days workshop on Tiritiya Crab-e-Con on Gastro-intestinal Cancer was jointly organized by Department of Biotechnology (DoBT), Shri Mata Vaishno Devi University (SMVDU) in collaboration with LBN Radiations of hope, NZAROI and Maharishi Dayanand Hospital, Jammu at Hotel Fortune Inn Riviera, Jammu during 9th & 10th September, 2017.



Faculty Update

Faculty Members attend Induction Programme at Chandigarh

A Training Workshop for Faculty-Mentors on Induction Programme for New Students was conducted by National Project Implementation Unit (NPIU) under MHRD New Delhi at PEC University of Technology, Chandigarh. Dr. Sachin Kumar Gupta from the Department of Electronics and Communication Engineering, Dr. Abhishek Gupta from Department of Computer Science and Engineering, Mr. Amit Kumar Sinha from Department of Mechanical Engineering and Mr. Sumanta Sarathi Sharma from Department of Philosophy and Culture attended the workshop from SMVD University. In which around 100 faculty members from various other universities across India also participated who were trained on various aspects of education - its expectations and outcome. Along with this, relation between success in life and education with human values were also explored. An appraisal of physical needs, meaning of prosperity, harmony in self and human relationships were also explained. The meaning of natural acceptance and harmonious living at four levels i.e, self, family, society and nature were explained and discussed.



Papers Published/Presented/Invited Talks

Prof. V. Verma, Head, Department of Biotechnology and Dean, Faculty of Engineering, SMVDU, Katra was chaired one Scientific session on “Epidemiology of GI Cancers” on 9th September, 2017.

Post graduates from various institutes of North Zone took active part in poster and oral presentations. The volunteers of LBN Radiation of Hope Trust and Scholars of DoBT, SMVDU worked round the clock to make this conference a grand success.

Rakesh Kumar and Sapana Sharma (2017) Published a paper on Transient analysis of an M/M/c queueing system with balking and retention of reneging customers, Communications in Statistics -Theory and Methods, DOI: 10.1080/03610926.2017.1319485.

Students Update

Open State Inter-University Chess Championship



Shri Mata Vaishno Devi University, Katra organized opening ceremony of 3 day Open State Inter-University Chess Championship on 8th Sept. 2017. Dr. V. K. Bhat, Registrar, SMVDU, was the chief guest for the ceremony. National Arbiter of Indian Chess Association, Mr. Minah-jul Haq will be the chief arbiter during the 3 day tournament. Teams from Jammu University, Kashmir University, Rashtriya Sanskrit Sansthan and Shri Mata Vaishno Devi University are participating in the tournament. Rajiv Kumar, President, Board for Sports Activities welcomed all the dignitaries and the teams. Dr. Sandeep Bhogal, Vice President, Board for Sports Activities gave vote of thanks. Dean Students, Dr. Yugal Khajuria, Dr. V.K Tripathi, President BCA, Prof. I.K Pandita and other faculty and staff members were present during the ceremony. Honourable Vice Chancellor, Prof. Sanjeev Jain gave his best wishes to all the participating teams.

Research Scholar, Presented a paper in International Conference at Wanknaghat

Niharika, Research Scholar, Deptt. of Computer Science and Engineering, SMVDU, presented a paper entitled “Recent Trends of Workflow Scheduling Algorithms in Cloud Computing under Qos Constraints” in IEEE sponsored 4th International Conference on Signal Processing, Computing and Control (ISPCC 2017) organised by Jaypee University of Information Technology, Wanknaghat, India w.e.f. 21st to 23rd September, 2017. The conference bestowed her with great opportunity to interact and share the latest advancements in the field of computing, signal processing and their applications with eminent academicians, Research scholars, scientists and participants across the globe.

Niharika is doing her Ph. D. on text analytics of medical transcripts using Machine Learning Classifiers, under the supervision of Dr. Baijnath Kaushik, Head and Associate Professor in Deptt. of Computer Science and Engineering. Dr. Kaushik has studied from University of Nagpur, GG Indraprastha University and a got his Ph.D. from IIT Dhanbad. He specializes in Machine Learning and Soft Computers. Dr. Kaushik has 18 years of teaching experience with remarkable foreign exposure and has more than 36 publications (including 2 Science Citation Index, 6 Scopus, 2 SCI under review).



Swachhata Pakhwada 2017

Swachhata Pakhwada concluded at SMVD University on 17-09-2017 with Clean Campus Day under the guidance of Dr. Varun K. Tripathi Nodal Officer, Swachha Bharat Abhiyaan and Mr. Sumanta S. Sharma Program Coordinator NSS. In the last two weeks, more than ten events were organized by NSS wing. Swachhata Pakhwada 2017, which is a Government of India initiative for spreading the message of cleanliness and working for it was scheduled from 01-09-2017 to 15-09-2017. However, due to minor examinations going on in the University, it was rescheduled up to 17-09-2017. A briefing session was organized on 04-09-2017 to introduce and explain the meaning of Swachhata Pakhwada to NSS coordinators and volunteers. Thereafter, an Essay Competition on "Innovative ways for spreading the message of hygiene" was organized. Around 50 students participated in it. Furthermore, Clean Surroundings Day event (Road leading to the Institution) was conducted, where more than 50 students participated in cleaning various roads just outside the university. In the next part, under the head of Care for Surroundings Day which included Study of garbage cleaning systems in public spaces and Visit to markets nearby to study the system of cleaning, a survey was conducted. In this, more than 150 students participated and used survey sheets and questionnaires for collecting data and also explained the notion of cleanliness to the villagers. On the penultimate day, NSS coordinated three events simultaneously, namely Clean Mess Day, Clean Hostel Day and Cleanest Hostel Room Contest. Students cleaned the common areas of Hostel and Mess in their respective hostels for Clean Hostel and Mess Day events. In addition to this, some of them participated in Cleanest Hostel Room contest where they showcased their own rooms to the coordinators of the event for judgment. The mega episode of the fortnight series of event was Clean Campus Day scheduled on 17-09-2017. Students assembled at the common place at 10 am where they were divided into several groups. Each group was assigned an area to clean under the supervision of a student NSS coordinator. They were provided with gloves, masks, brooms, mops, etc. for cleaning. Students actively participated showing immense zeal and dedication for the event which went on for more than two hours. In the end, they were provided with refreshments. Along with this, another parallel event took place wherein a group of students visited a nearby Orphanage DISHA located in Katra. Here, they interacted with more than 30 students and distributed copies, pencils, pens and erasers to each of them. They were also encouraged to keep their vicinity clean. The bi-weekly event closed with a vote of thanks proposed by Mr. Sumanta S. Sharma (Faculty Coordinator of NSS SMVD University) to more than 300 students who participated as volunteers and coordinators for various events. The student coordinators of the events were, Mr. Ajit Kumar, Mr. Akhil Kalsi, Mr. Dhanraj Singh, Mr. Aman Agrawal, Ms. Neha Sharma, Ms. Medha, Ms. Shubhangi Suri, Ms. MaihakPandita, Ms. SimranChoudhary, Ms. Mansi Mattoo, Ms. Guneet Kour, Mr. Anand Bharti, Mr. Raju Kumar, Ms. Mithali Bhat and Ms. Shreya Pandita. Vice Chancellor Prof. Sanjeev Jain has expressed his happiness and satisfaction over the conduct of Swachhata Pakhwada and desired that more initiatives amalgamating health, hygiene and cleanliness must be taken.



Research Scholar Presented Paper in International Conference at Solan

Ms. Rudrika Kalsotra, Research Scholar, Department of Computer Science & Engineering, SMVDU, has participated in 4th International Conference on Signal Processing, Computing and Control (ISPC 2017) sponsored by IEEE Delhi Section held recently at Jaypee University of Information Technology, Solan, H.P. During the Conference, Ms. Rudrika Kalsotra presented a research paper titled "Morphological Based Moving Object Detection with Background Subtraction Method". The paper proposed an algorithm for accurate and complete moving object detection based on morphological operations. The algorithm is performed on standard video datasets as well as on self-captured videos. It is pertinent to mention that Ms. Kalsotra is currently working on moving object detection for intelligent video analytics and her work has potential applications in the field of video surveillance, optical motion capture, target tracking, etc. In this conference,



Ms. Kalsotra got the opportunity to interact with eminent Scientists, academicians, researchers and industrial experts across the globe working in the area of signal processing, computing, control and their applications for a constructive dialog on theoretical concepts and practical ideas as well as shared the innovative ideas with them. She is pursuing her Ph.D. under supervision of Dr Sakshi Arora, Assistant Professor, Department of Computer Science & Engineering, SMVDU.

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Alumni Corner

Mitesh Magotra
(B.Tech. Mechanical Engg. 2006-10 Batch)
Functional Solution Architect
Accenture Consulting, Pune

My four years of engineering at SMVDU were very fruitful. Institute and the environment within, provided me the platform to hone and nurture different facets of my personality that have made me a more competitive and balanced individual. The elaborate curriculum with compulsory residential requirement pushed me mould my learning habits out of school. Further, the avenues to participate in extracurricular activities and roles of responsibilities helped me develop an invaluable dimension to my thought process. Distinguished faculty members and my peers have played instrumental part in shaping my career.

After graduating in 2010, I enrolled for master's course in Business Administration from Army Institute of Management, Kolkata. I have worked with TCS and currently, I am working with Accenture Consulting as a Functional Solution Architect. My advice to the students of current batches of SMVDU is to take advantage of this time to identify stem subjects of your interest and become adept in them. This is where you set the foundation for anything you plan to do post-college. Invest time intelligently in building yourself, and, don't be afraid to take time out, it's part of the game.

