



UPCOMING EVENTS

- **Two Day International Conference on Management Education: The Road Ahead (6th -7th June, 2019)**
- **Faculty Development Program on Energy & Power Systems (5th -9th August, 2019)**
- **2nd National Level Essay Writing Contest (20th August, 2019)**

PATRON

Prof. D. Mukhopadhyay
Hon'ble Vice Chancellor

CHAIRPERSON

Dr. Amitabh V. Dwivedi

EDITORIAL TEAM

Dr. Simran Preet Kaur
Ms. Surbhi Sharma

DESIGN & DRAFT:

Mr. Girdhari Lal Sharma

PHOTOGRAPHY:

Mr. Om Parkash

Campus Jottings

Satellite Session of International Conference Organized at SMVDU

SMVDU Katra, May 2019. The satellite session of the 2nd International Multi-Topic Conference on Engineering & Science (IMCES'2019), Mauritius, was held at the Conference Hall, SoECE, Shri Mata Vaishno Devi University (SMVDU) on 5th May 2019. The satellite session of the conference was organized & coordinated by Dr. Amit Kant Pandit, senior faculty, SoECE, SMVDU, and the session was chaired by the faculty members of SMVDU, including Dr. Pandit; Dr. K R Jha; and Mr. Anil Bhardwaj. Other sessions were chaired virtually via 'Skype' by Prof. Jason Levy, University of Hawaii, USA; Prof. D. M. Akbar Hussain, Department of Energy Technology, Aalborg University, Denmark; Prof. Ponnadurai Ramasami, University of Mauritius and Prof. Preeta Sharma, Oxford College of Engineering. At the outset, the session started with a keynote from Dr. Amit Kant Pandit, on the topic- "IT as Integration Tool for Sustainable Supply Chain". On the whole, ten papers were presented via 'Skype' from Malaysia, China and India. Dr. Pandit, speaking on the occasion, said that such engagements help collaborate research work with scholars across the globe with minimum financial and administrative resources. Dr K R Jha suggested that such events were to be organized more in future. Mr. Bhardwaj presented the vote of thanks. The coordinator thanked Prof. D. Mukhopadhyay, Vice-Chancellor, SMVDU, for his kind support and expressed thanks to various university sections involved in successfully holding this conference, including Dr. Vashishtha, Faculty, School of Business, Registrar, SMVDU Administration, the DQA Team and the Media Cell.



IIT Bombay Workshop on "Scilab" Held at SMVDU

SMVDU Katra, 4th May 19: IIT Bombay, in collaboration with Shri Mata Vaishno Devi University (SMVDU), conducted one day spoken tutorial based ICT workshop on "Scilab", a Free/Libre and Open Source Software for Education" (FOSSE), under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India. The aim of the workshop was to impart training on Scilab to a



large number of teachers, across the country, through the T10KT methodology. During the satellite session, faculty members from engineering and science domains of various degree colleges and PGTs of different schools across J&K state actively participated. Prof. Kannan Moudgalya, Principal Investigator, Teaching, Learning Centre (ICT), Spoken Tutorial and FOSSEE projects, IIT Bombay, was the tutor who promoted Scilab for documentation and laboratory use. Dr. Pankaj Biswas, Assistant Professor, School of Physics, was the Course Coordinator. Mr. Sudesh Bhadu, Assistant Professor and Mr. Dinesh Sharma, Lab. Assistant, School of Computer Science and Engineering, SMVDU were the remote center Coordinators, and the A-VIEW Coordinator respectively.

Two-Week FDP on Marketing Research & Econometric Applications Begins at SMVDU



SMVDU Katra, May 2019. Two-week Faculty Development Program on “Marketing Research and Business Analytics with Econometric Applications in Business Management” inaugurated at the School of Business, Shri Mata Vaishno Devi University (SMVDU), Katra. During the inaugural address, Vice-Chancellor, Prof. (Dr.) D. Mukhopadhyay, wished for constructive learning and advised for the participatory mode of learning for all the participants. On the occasion, Prof. V.K. Bhat, Registrar, SMVDU, provided tips for effective learning in the area of econometric tools. This program witnessed participation from 18 different institutes/universities, including Ambedkar University, Lucknow; University of Delhi; Manipur University; MKB University, Bhavanagar; St. Joseph’s College of Commerce, Bangalore; University of Mauritius, L.R.T. College of Commerce, Akala; NIFTEM, NCR; BIMTECH, Greater Noida; Bhosle College, Ratnagiri apart from University of Jammu and Shri Mata Vaishno Devi University. This two-week long event consisted of training on basic econometric tools, confirmatory analysis, time series data analysis, panel data measurement, market efficiency, structural equation modeling and other qualitative tools of business analytics. Earlier during the inaugural function, Head, School of Business, Dr. Saurabh welcomed the participants, and wished them a better learning experience. The Program Coordinator, Dr. Supran Kr. Sharma, talked about the different sessions, including the hands-on training session to be conducted during the two-week long program. Dr. Rashi Taggar, Organizing Secretary, offered formal vote of thanks. The event witnessed resource persons from diverse background, including IIM, Jammu; South Asian University; University of Jammu; Guru Nanak Dev University, Amritsar apart from the faculty members from the School of Business and School of Economics, Shri Mata Vaishno Devi University (SMVDU). Participants learnt software, like SPSS, GRETEL, R-Software, E-Views, Frontier, DEAP, etc. in the area of business analytics, marketing research and business data handling.

SMVDU University MBA Program Gets Extension of NBA Accreditation

SMVDU Katra, 27th May 2019: The MBA program of Shri Mata Vaishno Devi University (SMVDU), has been granted an extension of the National Board of Accreditation (NBA), New Delhi, based upon its performance in the academics, successful placements, grooming of the students, inculcating effective managerial skills, and alike. Dr. Saurabh, Head of School of Business, informed that the accreditation of the MBA program was a significant achievement. The school has senior and experienced faculty members who create and deliver the courses in close interaction with the industry requirements. Prof. D. Mukhopadhyay, Dean, Faculty of Management, SMVDU, and the present Vice-Chancellor, SMVDU, congratulated the School. He emphasized that School of Business was committed to provide value based education and to create managers who had a contemporary outlook. He mentioned that the School of Business had been getting good response from all the agencies and industries, and was also in the top 100 institutions according to the NIRF ranking of MHRD.Govt. of India



National Workshop on “Scientific Learning with Python” Starts at SoECE, SMVDU

SMVDU, Katra. May 2019. A TEQIP-III sponsored national workshop on “Scientific Learning with Python” from (25-29 May 2019) began at SoECE, Shri Mata Vaishno Devi University, Katra, with an objective to provide an exposure to the faculty members, research scholars, PG students and working professionals from different institutions, including R&D organizations and industries in the field of “Scientific Learning with



Python” to enhance their knowledge in the domain. During one week workshop, many areas were covered, such as Python Data Type, Operators, Input and Output, Flow Control, Functions, File Handling, etc., along with how to apply python programming in Networking and Communication, Modern Cryptography, Signal & Image Processing, Machine Learning, Big Data Analytics. Many resource persons from the reputed institutions, like IIIT Allahabad, NIT Kurukshetra, NIT Hamirpur and Thapar University, Patiala delivered the lecture and conducted the hands-on practice for the participants. The workshop coordinators Dr. Sachin Kumar Gupta and Dr. Vijay Kumar Sharma expressed their gratitude to the Vice Chancellor, SMVDU, for his motivation and support.

Ten-Day FDP-cum-Textual Workshop on Advaita Vedanta Inaugurated at SMVDU



SMVDU, Katra. 20th May, 2019. A ten-day FDP-cum-textual workshop on Advaita Vedanta organized by the School of Philosophy and Culture (SOPC), SMVDU, in collaboration with the Indira Gandhi National Center for the Arts (IGNCA), New Delhi at inaugurated at Shri Mata Vaishno Devi University (SMVDU). The inaugural session started with lighting of the ceremonial lamp by the Chief Guest Prof. (Dr.) D. Mukhopadhyay, Hon'ble Vice-Chancellor, SMVDU; Guest of Honor, Prof. V.K. Bhat; and Registrar, SMVDU, Resource Persons Prof. V.N. Jha and Prof. Ujjawala Jha, Mr. Bharat Bhushan Sharma, Deputy Secretary, IGNCA, New Delhi and Dr. Anil Kumar Tewari, Head, SOPC. After the floral welcome and felicitation of the dignitaries, Dr. Tewari delivered the welcome address. Prof. V.N. Jha, a renowned scholar and resource person of the workshop, addressed the audience, and emphasized the need for acquainting the younger generation with the Indian intellectual heritage. He stated that the whole Indian thinking aimed at transforming human consciousness. Prof. V.K. Bhat, in his address, urged the participants to learn as much as possible by interacting with the resource persons. Mr. Bharat Bhushan Sharma and Dr. Abhijit Dixit informed the audience about the activities of IGNCA, New Delhi. Hon'ble Vice-Chancellor, Prof. Mukhopadhyay, in his speech described Advaita Vedanta as the nucleus of Indian thinking. During the workshop, many faculty members and research scholars across the country participated which had covered the Vedantasangrah written by Bellamkonda Ramraya. The textual workshop was generously funded by the IGNCA, New Delhi. The inaugural session was attended by Dr. Saurabh, Head, School of Business, Dr. Ashoka Kumar Tarai, Assistant Professor, SOPC; Mr. Sumanta Sarathi Sharma, Assistant Professor, SOPC, Mr. Anil Bharadwaj, Assistant Professor, SoECE of SMVDU among others. The inaugural session ended up with the vote of thanks delivered by Dr. Madhu Mangal Chaturvedi, Assistant Professor, SOPC, SMVDU.

Celebration and Day Observed



SMVDU Katra, 9th May 2019. One-day regional seminar on 'Indian Value System: Contemporary Relevance' was organized by the School of Philosophy & Culture at Shri Mata Vaishno Devi University (SMVDU), Katra, to celebrate Indian Philosopher's Day 2019. The program was sponsored by the Indian Council of Philosophical Research (ICPR), New Delhi. The Indian Philosopher's Day is celebrated to commemorate the birth anniversary of Adi Shankaracharya on *Panchami tithi* of Vaishakh Shukla Paksha. The event started with the inaugural session in the Sanskriti Kaksha, SMVDU. The inaugural session began with lamp-lighting and Sarasvati Vandana by the Chief Guest Prof. Rajeev Garg, Director, DQA; Prof. Kiran Bakshi, Jammu; Dr. Anil Kumar Tewari, Head, SoPC and Dr. Amitabh Vikram Dwivedi, Head, SoL&L, SMVDU. Dr. Tewari welcomed the guests and Prof. Bakshi delivered the keynote address. Dr. Ashoka Kumar Tarai, Asst. Prof., SoPC, SMVDU delivered the vote of thanks. During the technical sessions, chaired by Prof. Bakshi, Dr. Bhupender Heera, Dr. Mahesh Kaul, Ms. Ruby Bharati, Ms. Reena Kumari among others presented their papers on the theme. The event was attended by Dr. Saurabh, Head, School of Business, Mr. Anil Bharadwaj, Dr. Rashi Taggar, Dr. Kritti, Dr. Rakesh Thusoo, Dr. Anurag Kumar and Mrs. Isha Malhotra, Mr. Samir Vohra, Mr. Opinder Sharma, some teachers from Higher-Secondary School, Panthal, along with the research scholars, M.A. students and staff members of the School of philosophy & Culture as well as the School of Languages and Literature, SMVDU. The event concluded with the distribution of certificates among the participants and an expression of gratitude towards the helping hands of SMVDU and the funding agency, ICPR, New Delhi.

Faculty/Staff Updates

SMVDU Faculty Presents a Research Paper in Bologna, Italy

SMVDU Katra, May 2019. Mr. Sumanta Sarathi Sharma, a senior faculty member, in the School of Philosophy and Culture (SoPC) at Shri Mata Vaishno Devi University (SMVDU), Katra, presented a research paper, entitled, "Applying Ockham's Razor to (In)valid syllogisms using Venn-Peirce framework" in the 2nd International Workshop on the Philosophy of Notation, held at the University of Bologna, Italy, from 22-24 May 2019. The session was chaired by Prof. Atsushi Shimojima from Doshisha University, Japan, and the workshop was jointly organized by the University of Bologna (Italy) and University of Brighton (UK). The theme of the workshop was operational iconicity and observational advantages. These properties of logical notations seem to be inextricably linked and have been closely studied, but are still difficult to understand as stated by Mr. Sharma. The faculty member's research article, which had innumerable and priceless inputs from his supervisors, Dr. A.K. Tewari and Dr. M.M. Chaturvedi, was deeply rooted in diagrammatic reasoning and presented a fresh overview of the theory of syllogisms. It was the only Indian contribution to the conference, and was appreciated by the congress for its rigor and novelty. Prof. D. Mukhopadhyay (Vice Chancellor, SMVDU) congratulated the team for its unstinting efforts to achieve excellence.



SMVDU Faculty, Research Scholars and Students Bag Silver and Elite Certificates in NPTEL Courses

SMVDU Katra, May 2019. The faculty members, research scholars and students of the School of Languages & Literature at Shri Mata Vaishno Devi University (SMVDU), Katra, bagged Silver and Elite Certificates in the extensive 12-week NPTEL Courses conducted by the IIT Madras & IIT Roorkee. Dr. Amitabh Vikram Dwivedi, Head, SoL&L, SMVDU and Ms. Ayushi got Elite & Silver Certificates for the courses, titled Feminist Writings and Introduction to World Literature respectively. Dr. Anurag Kumar, Faculty, SoL&L, Ms. Akanksha, Ms Surbhi Sharma, Tushar Sharma and other students bagged Elite Certificates for 'Feminist Writings'; 'Introduction to World Literature' and



'Literature, Culture and Media' respectively. The faculty members and the students learned a variety of new concepts related to their respective courses, and updated their knowledge. Further, they believe that such courses are essential for the growth of faculty members as well as the students of the institution.

SMVDU Faculty Awarded DST-Space Travel Grant, Delivers Talk at USA

SMVDU, Katra. May 2019. Er. Mir Irfan Ul Haq, Assistant Professor, School of Mechanical Engineering delivered a talk at Society of Tribologists and Lubrication Engineers (STLE) Annual Meeting-2019 at Nashville, Tennessee, USA held during 19th May, 2019 to 23rd May, 2019. Er. Haq was awarded travel grant by DST-SERB under Young Scientist category to deliver the talk on a co-authored work entitled "Effect of MoS₂ on the Tribological Performance of AA7075/Si₃N₄ Composite". The work was co-authored by Dr. Ankush Anand, Assoc. Professor, SME, SMVDU. The conference was organized by STLE and co-sponsored by American Society of Mechanical Engineers (ASME). The week-long event was attended by various scientists and industry experts working in the field of tribology. The faculty member got an opportunity to interact with various tribologists, material scientists and industrial experts from various countries during the event. Er. Haq thanked university authorities and expressed his gratitude to Dr. Sanjay Mohan (AP, SME), Er. Ankush Raina (AP, SME) and Rajiv Kumar (AP, SME) for their valuable inputs in the work.



Papers Published/ Presented/ Invited Talks/ Award/ Course Completed

Dr. Balbir Singh delivered a lecture on "Bright Avenues for Graduate Engineers" on 04 May 2019 in Rajiv Gandhi Govt. Engineering College, Kangra, and HP.

Dr. Balbir Singh completed the NPTEL online course on 'Inspection and Quality in Manufacturing' Feb-Mar 2019, with Elite + Gold Score.

Dr. Balbir Singh awarded 'Chartered Engineering Certificate' from Institution of Engineers, Kolkata.

Dr. Rahul Sharma, Assistant Professor, School of Civil Engineering, SMVDU participated in a three-day course on "Non Destructive Testing for Failure Analysis and Prevention" under TEQIP-III, held during 20th -22nd May, 2019 at Indian Institute of Technology, Kharagpur.

Student Updates

Inter-House Basketball (M&W) Tournament Concludes at SMVDU

SMVDU Katra, May 2019. Basketball tournament at Shri Mata Vaishno Devi University, Katra, concluded as the final matches of Basketball were witnessed here. After a competitive league of matches amongst all the 5 houses, the spectacular finals were played between Jal and Prithvi in the women's category and between Aakash and Vayu in the men's category. In the men's finals, Vayu emerged as the triumphant winners over Aakash with a score of 46-30. And in the women's category, Jal registered an impeccable win with a final score of 25-12. The



second runners up were the teams of Jal and Vayu in the men and the women categories respectively. In this much awaited competition, the players stepped onto the court to set it ablaze with speed, endurance, magical footwork & skills of dribbling. The finals were officiated by Mr. Sumit Sharma and Mr. Balbir Singh. The basketball tournament of Sarang 2K19 was coordinated by the student coordinators, Kartik Sharma and Muskaan Sharma. Faculty members Dr. Suparn Sharma, Mr. Mir Irfan Ul Haq, Mr. Ankush Raina and Mr. Rajiv Kumar, Incharge Sports, SMVDU, were present during the ceremony to facilitate the winners. Hon'ble Vice Chancellor, Prof. D. Mukhopadhyay, and DSW, Dr. Yugal Khajuria, congratulated the winners.

SMVDU Organizes Industrial Visit to Dept. of Space, Chandigarh, GoI

SMVDU Katra, May 2019. The School of Electronics & Communication Engineering, Shri Mata Vaishno Devi University (SMVDU), Katra, organised an industrial visit to Semi-Conductor Laboratory, Chandigarh, Department of Space, Government of India for its M. Tech. Students to focus on design,



development, fabrication, assembly & packaging, testing and quality assurance of CMOS and MEMS devices for satellite and other various applications. This industrial visit was coordinated by Dr. Sachin Kumar Gupta, Faculty, SoECE & Ms. Shaivya Manhas, Faculty, SoEM, along with Mr. B. K. Bhatia, T&P Officer, SMVDU. The visit started with the brief profile of SCL by Mr. Sanjay Bhatnagar, Engineer' SF-PPMD at Semi-Conductor Laboratory. He presented a short video clip pertaining to major contributions, achievements, and campus life of SCL. Later, he discussed the design process for fabrication of ICs, Mixed Signal and Analog ASIC Design, and Wide spectrum industry standard EDA tools. The students were taken to various labs which included 8" Wafer Fabrication Facility (Clean Rooms of Class 1, 10, 100 and 1000 with controlled environmental conditions), Assembly & Packaging (Fine Pitch Bonding capability for pad size of $57\mu\text{m} \times 57\mu\text{m}$ and $65\mu\text{m}$ pitch, Low Temperature Process for packaging large dies, Multi-Chip Packaging Process for ASICs and sensor devices, MIC Packaging), Reliability & Quality Assurance (Facility for Environmental Test, Facility for Failure Analysis), etc. The industrial tour was very informative, enriching, and imparted a great learning experience to the students.

SMVDU Annual Sports Fest 'SARANG-2K19' Concludes



SMVDU Katra, May 2019. The annual sports fest 'SARANG' concluded at Shri Mata Vaishno Devi University (SMVDU), Katra, where Hon'ble Vice Chancellor Prof. D. Mukhopadhyay graced the occasion as the Chief Guest. During the three month long event, various competitions were conducted for different games, including Cricket, Football, Basketball, Volleyball, Badminton, Table-Tennis, Lawn Tennis, Kabaddi, Kho-Kho, Athletics, Open Marathon, Chess, E-Sports, etc. The Vayu House clinched the overall first position, while Prithivi house bagged the second spot. Mr. Sucha Singh, Mr. Balbir Singh and Mr. Sumit Sharma officiated the matches along with the different coordinators of the respective games. Hon'ble Vice Chancellor, Prof. D. Mukhopadhyay, SMVDU, emphasized on the value of sports in student's life and appreciated the efforts of the sports section. Best emerging and overall best players were honored at the ceremony. Winners of employee Cricket and Badminton tournaments were also honored. Ms. Muskan Sharma anchored the proceedings of the ceremony, and Mr. Karthik presented the vote of thanks. The dignitaries present during the ceremony were Dean Student Welfare, Dr. Yugal Khajuria, Prof. Ashok Kumar Sharma, Dr. Suparn Sharma, Mr. Vinod Sharma (Administrative Officer), Dr. Ekta Rai, Mr. Mir Irfan ul Haq, Mr. Ankush Raina, and Ms. Shaivya Manhas.

TBIC

16th May 2019 – 15th June 2019

Following guidelines of the Institute Innovation Council (IIC), MHRD Innovation Cell, a national level competition has been conducted where the interested participants are requested to submit their ideas and 1-minute video of the same under the mentioned categories. Ideas shortlisted would be further nominated to attend a mentorship session/boot camp at regional level which would be conducted by MHRD & AICTE. On successful completion of mentorship session, the best ideas/PoC would be exhibited at National level and then further incubated appropriately.

20th May 2019

The TBIC, SMVDU signed an MoU with Yogananda College of Engineering and Technology, Jammu, in which it was agreed upon that the shortlisted ideas of the YCET would be directly taken for the virtual/physical incubation by the SMVDU TBIC, and in this regard, the CEO of SMVDU, TBIC would be one of the members of their Institutions Innovation Council and would also be the committee member in the shortlisting and screening of ideas.

1st May 2019 – July 2019

TBIC is hosting "Print your Prototype Challenge" exclusively for SMVDUians in which students, faculty and staff members of SMVDU would be encouraged to share their ideas with TBIC. Creative and innovative participants would get a chance to print it using 3D printing of Tinkering lab and get facilitated for patent filing. In addition, the suitable ideas would be offered for virtual/physical incubation.

1st May 2019 – ongoing activity

SMVDU TBIC has rolled out the registration form to use a 3D printer for research and academic activities. In this, the students can reach out to TBIC for printing their prototype using a 3D printer which can be leveraged for research or academic project submission. TBIC team is fully trained in 3D printer to assist the students in their work.

SMVDU, Research Student Qualifies for the Award of Ph.D.

Dr. Ram Krishan awarded the degree of Doctor of Philosophy (Ph.D) in Mathematics by Shri Mata Vaishno Devi University, Katra. He worked on the topic, "Concrete Operators Between Some Spaces of Holomorphic Functions" under the supervision of Dr. Ajay K. Sharma, Associate Professor and Head, Department of Mathematics, Central University of Jammu.

