

MATA VAISHNO DEVI UNIVERSITY

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Campus Jottings

Orientation conducted for newly admitted students



The new academic session 2017-18 starts on 1st of August, Shri Mata Vaishno Devi University organized the general orientation session in the Matrika Auditorium. Around 300 newly admitted students and more than 150 parents attended the session. Dr. Sumeet Gupta Dean Academic Affairs welcomed the students and parents and discussed the academic pattern of the University in details. He also mentioned that the parents are worthy of congratulation as they support the academic aspirations of their wards and expressed hope that the new students will do well and understand their responsibilities. Prof. D. Mukhopadhyaya Dean Faculty of Management introduced various programs and impressed upon that hard work has no alternatives and called for nurturing talents under the guidance of teachers. Dr. Vandana Sharma Dean Faculty of Humanities and Social Sciences introduced various departments and programs and impressed upon integrity and human values, soft-skills like communication skills and other literary activities. Prof. V. K. Bhat Dean Faculty of Sciences and Registrar introduced the programs of faculty of Sciences and emphasized how academic activities are meant for transformation of life. Heads of various department, namely Prof. Baijnath Kaushik, Dr. Balbir Singh, Dr. K. R. Jha, Dr. Sanjeev Anand, Ar. Aditya Kumar Singh, Prof. B. Kamaiah, Dr.Sushil Kumar Mehta, Dr. A. K. Das, Dr. Sharada P., Dr.V.K. Tripathi, introduced their respective programs and activities. Vice-Chancellor Prof. Sanjeev Jain in his address expressed that our academic programs are one of the most updated programs in India and provide opportunity for learning beyond the syllabi and beyond the classroom. Today, the contemporary education is undergoing a paradigm-shift - from content delivery to process-learning, from isolated disciplines to inter-disciplinary learning, from lock-step progress to continuous progress, teacher-centric learning to student-centric learning, single instructional process to multiple instructional process, we have made our campus efficient to meet all these requirements posed by the paradigm-shift. Training & Placement Officer Mr.B.K.Bhatia, Dean of Student Dr. Yugal Khajuria and Faculty I/c Central Library Dr.Suparn Sharma also introduced their activities in great details. The session ended with a much extended interaction with students and parents.

Team Mechanix of the Dept. of Mechanical Engineering, Shri Mata Vaishno Devi University, Katra has emerged as the only team to qualify for the next stage from the Jammu & Kashmir and ranked under 50 among new teams in the SAE BAJA 2018. The team consisting of 25 members mentored by Dr. R.K. Mishra Associate Professor and Er. Mir Irfan-Ul-Haq Asst. Professor, was represented by five members Shivam

Team Mechanix SMVDU qualifies Virtual Round of SAE BAJA-2018

UPCOMING EVENTS

- International ence on Machine Learning & Computational Intelligence - 2017 from from 28nd - 29th Sep. 2017
- National Conference on Interdisciplinary pects of Plant Sciences from 2nd - 4th Nov, 2017

PATRON

PROF. SANJEEV JAIN Vice-Chancellor

EDITORIAL TEAM

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sign), Manish Kumar Singh (Transmission and Tyres) and Aditij Tandon (Core Team Member) for the Virtual Round in Chandigarh. BAJA SAE INDIA gives engineering students an opportunity to showcase skills in designing four wheeled, single seater, all terrain automobiles. These vehicles



are evaluated on the basis of Static, Dynamic and Durability events taking into consideration design, cost, presentation, build quality, innovation, acceleration, maneuverability, hill climb, suspension, traction and endurance. Promoted by Mahindra and Mahindra, BAJA SAE INDIA is the biggest automobile national-level intercollegiate event which takes place every year since 2007. This year, the organizer's received 388 entries, out of which 180 college have been shortlisted for conventional Baja and E-Baja.

The two day event held at Chitkara University, Chandigarh dated 13th & 14th July the registered teams were scrutinized for their knowledge and capability to participate successfully in the main event to be held in 2018. In which Team Mechanix obtained 149 marks out of 200 which can be elaborated as 62.4/100 in Design Presentation including viva and 86.6/100 in extempore. The evaluation process tested every participant's knowledge on Rulebook, Design & Analysis, General Mechanical and Automotive Engineering. Based on the performance in Virtual BAJA, the team has been selected for participation in the main event to be held at IIT Ropar, Punjab or NATRIP, Pithampur near Indore. The event is being coordinated by the Automobile Club, Department of Mechanical Engineering. Dr. Balbir Singh Head, Mechanical Engineering Department, Prof. V. Verma (Dean FoE) congratulated the team for the success. Honorable Vice Chancellor, Dr. Sanjeev Jain has also conveyed his best wishes to the team.

Quit India Commemoration

The country is celebrating 75th year of the Quit India Movement that started on 9th Aug. 1942, the Ministry of Human Resource Development GOI and All India Council for Technical Education (AICTE) announces a series of activities in higher education institutions to commemorate the great event and sacrifices of revered freedom fighters. As per the directive, a pledge-taking ceremony was organized in which all faculty and students participated in their respective classes at 9.30am.

A number of activities were be undertaken to sensitize the students towards the freedom struggle and Quit India Movement



which led to securing of India's Independence. A quiz competitions was organized on the theme" Freedom Struggle" and a declamation competitions was organized on the theme 70 years of Independence" which **Paras** Dubay secured position.

Meeting of DBT to Review J&K Projects

The second meeting of project monitoring committee (PMC) was held at Shri Mata Vaishno Devi University, Kakryal, Katra on August 11, 2017 to review J&K projects. The meeting was chaired by Prof. R. P. Sharma INSA Senior Scientist, National Research

Centre for Plant Biotechnology, Indian Agricultural Research Institute (IARI). The other expert members of PMC who attended the meeting were Dr. Meenakshi Munshi Adviser/Scientist G- Department of Biotechnology, Ministry of Science & Technology, Prof. Manoj K. Dhar, Professor School of Biotechnology, University of Jammu, Dr. Ashwani Pareek, Associate Professor, Stress Physiology and Molecular Biology Laboratory School of Life Sciences, Jawaharlal Nehru University, Dr. R. S. Manik, Principal Scientist Animal Biotechnology Centre ICAR-National Dairy Research Institute Kar-



nal and Dr. P. S. Yadav, Principal Scientist (Animal Physiology) Central Institute for Research on Buffaloes, Hisar, Haryana and Project Monitoring committee has been constituted by DBT to critically review and monitor the progress of the on-going projects vis -à-vis the objectives and milestones and to recommend corrective measure as and when required.

The meeting was attended by Project Investigators from different universities of Jammu and Kashmir like SKUAST-Kashmir, IUST Awantipora, SKUAST Kargil, University of Kashmir and BGSBU Rajouri. The Project investigators presented the progress of projects before committee Members. The project monitoring committee reviewed the status and progress of 11 ongoing research projects sanctioned by DBT under special call for J&K State. The meeting was organized with financial support from DBT and all other necessary logistics from SMVDU. The meeting was jointly coordinated by Prof. V. Verma, Head Department of Biotechnology & Dean Faculty of Engineering and Dr. Shafaq Rasool, Assistant Professor, Department of Biotechnology.



Prof. K. L. Chopra interacts with students

Padam Shri Professor K. L. Chopra, father of thin-film technology, Ex-Director, Indian Institute of Technology, Kharagpur, interacted with first year students of B.Tech. and M.Tech. at Shri Mata Vaishno Devi University yesterday. Professor Chopra highlighted the importance of basic Sciences in Engineering and challenging areas where today's engineers shall work to meet urgent issues being faced by our country and its citizens. Professor Chopra advised students to broaden their horizon by adopting multidisciplinary approaches, project based learning and use of latest technology to make products using local resources for common masses as well as industries. Dr. Balbir Singh, Head, Department of Mechanical Engineering expressed vote of thanks to Professor K. L. Chopra for his interactive and motivational sessions with students of SMVDU. It is pertinent to note that professor Chopra is member of the Executive Council and Academic Audit Committee of the University.

Campus-to-Corporate Readiness Training conducted

Campus Recruitment Program-2018 commences at Shri Mata Vaishno Devi University, Katra with its students training program "Campus-to-Corporate Readiness" which concluded on 18th August 2017. SMVDU had hired a professional training organization

from Chennai to conduct the training program on Soft Skills, Aptitude & other attributes of Campus Placement process. A team of four qualified trainers conducted the program in SMVDU from 9 – 18 August 2017, wherein about 200 students of Engineering, Management and MCA participated. It is pertinent to mention that Prof. Sanjeev Jain, Vice Chancellor, SMVDU immediately after joining last year had instructed Training and Placement Cell to conduct such training program for students grooming & personality development. Prof. Jain always advises the students that a good personality along with good communication, soft, presentation skills is must



to ensure employment in industry. Training and Placement Officer Mr. B. K. Bhatia coordinated the above 10 day's program.

5-day workshop inaugurated

A 5-day part-time workshop for Junior Assistants on 'Office Management & Skills Development' was started by Human Resource Development Centre (HRDC) of Shri Mata Vaishno Devi University. . It was formally inaugurated by Prof. V. K. Bhat Dean Faculty

of Sciences and Registrar of the University, who in his inaugural address stated the importance of this workshop and wished the targeted audience a fruitful training. Prof. D. Mukhopadhyay, Director HRDC and Dean Faculty of Management while speaking on the occasion emphasized on conducting such events on regular basis as enhancement of skills and



continuous value additions are the need of the hour. Other dignitaries who were present and spoke during this event were Dr. Deepak Jain, Assistant Director HRDC and Course Coordinator and Mr. Samir Vohra, Technical Officer HRDC and Assistant Registrar Academic. Dr. Deepak Jain also presented the Vote of Thanks.

Dr. S.H. Alsamhi from China delivers talk

Dr. S. H. Alsamhi, from the Aerospace School, Tsinghua University, Beijing, China delivered an expert talk on "Greening Internet of things and Smart Everything with A Green-Environment Life" in the Dept. of Electronics and Communication Engineering, Shri Mata Vaishno Devi University on 28th Aug. The lecture highlighted the importance of Green Internet of Things (IoT) which reduc-

es the power consumption, conserve resources, and reduce carbon emission. Enabling technologies and techniques were discussed which can be efficiently deployed to achieve a green IoT. An essential contribution of this lecture is to conduct an indepth study of the existing potential work in Green IoT to deliver environmentally



smart solutions. The awareness of the same among graduate, post-graduate and PhD research students needs to be generated. The expert lecture was organized by Dr. Sachin Kumar Gupta Assistant Professor and Lecture Coordinator DoECE and Dr. K. R. Jha Associate Professor and Head DoECE. Dr. Sumeet Gupta, dean Academic Affairs presented a vote of thanks.

Independence Day

The 71st Independence Day was observed at Shri Mata vaishno Devi University with great fanfare and gaiety. The day began with arrival of the Vice Chancellor Dr. Sanjeev Jain for Guard of Honour at Inaugural Plaza who unfurled the national flag at 10am. In

his address he emphasized the importance of the heritage of the freedom struggle and the contemporary challenges to the freedom today. He stressed upon the greater responsibility of academic institutions as the high political and social ideals of social justice, empowerment, employment, eradication of poverty etc. cannot be achieved without empowerment of the youth through knowledge, skill development, and technical education for solving social problems. And, for all these the greater onus lies on the academic institutions. Without relevant and usable knowledge the problems of a society cannot be solved merely through slogans and propagandas. Teachers and students have greater responsibility to shape the future of our civilization. The Board of Cultural Activities presented a cultural show in the Matrika Auditorium. Ankit, Avani and Amit presented speech and poetry, Manav, Vaibhay, Shikha, Ansul, Abhishek, Sanchit and Nitish presented cultural performances, Theater Club presented a mime, Viklap and family kids also presented their cultural items. Registrar Prof. V. K. Bhat, Dean Faculty of Management Prof. D. Mukhopadhyaya, Dean of Students Dr. Yugal Khajuria, Dean Academic Affairs Dr. Sumeet Gupta, and Heads of the Departments, faculty, staff, all family members and kids of Vikalp were present. The show ended with a vote of thanks by Vice President BCA Dr. Rakesh Kumar. Event was coordinated by Mr. Gaurav Jamwal, Mr. Opinder Sidhu, Vivek Soni, Anshul, Khushboo Julfi, Mangalam Bharat, Vaibhav, Abhishek Mahajan and Arjun Singh Thakur. In



the afternoon, 'Border' movie was displayed in the auditorioum and the show was managed by Anand Bharti and Sameer Sengar.

General Manager Panasonic delivers talk

Senior General Manager at Panasonic India Pvt. Ltd., Amitabh Reu visited Shri Mata Vaishno Devi University and had an interaction with students of School of Business. Mr. Amitabh Reu talked about the various challenges that he has faced in 24 years of his professional career at different positions in various organisations like USHA, Samsung, and Panasonic. He emphasized that students

able to implement the class-0 r o teachings into real life situations. brief his description



about the company he said Panasonic as a brand has one of the largest portfolio of products in the world. Investment in research and development has paid us, we provide lithium-ion batteries to various organisations and Tesla is one them .Tesla and Panasonic have now officially started making batteries at the Giga factory, Nevada. Department of Police of various States like Uttar Pradesh, Jammu and Kashmir, Bengaluru, Rajasthan and Kerala use our Tough pad because of its reliability and portability. He also talked about the strategies that Panasonic followed to overcome the multiple channel conflict. Company launched a new brand Sanyo which was made exclusively available on online E-commerce site Amazon and it is also going to be made available on other E-commerce sites by next month. The reason for opting multi brand portfolio strategy than launching a new product under parent brand was to protect the brand image of Panasonic and interests of other channel partners who provide company with 98% of sales. The talk was followed by extensive question session. Moreover, he also exhibited his passion for music. We need to prioritize things and we cannot de-hyphenate professional and personal life. He also mentioned how he keeps himself updated by reading various articles and case studies of Harvard Business Review and advised students to always follow ethical behaviour if they want to succeed in long term. Training and Placement Officer Mr. B.K. Bhatia felicitated him by presenting a memento at the conclusion of the session. Dr. Hari Goving Mishra, Director IQAC, was the organizer of the program.

Five Days Workshop on Intelligent System & IOT Inaugurates

Five Days Workshop on Intelligent System and IoT (Internet of Things) is being organized by Intel 'FICE 'Bengaluru at SMVDU in Intel Integrated System Lab (IoT-5G Lab) from 31^{st} July -4^{th} Aug 2017. The main aim and motivation for organizing this workshop

is to expose the students and Faculty to the latest technology & Trends for developing the solutions around cyber physical system and internet of things. The solutions mainly focused on smart cities applications to solve community (social) problems. The Experts from Intel 'FICE' Bengaluru Mr. Suryender Kumar and Mr. Abhishek Srivastava shall carry out the entire training program, where all the students would be trained on IN-TEL EDISON Board as a Gateway Device for developing the IOT applications which uses Python Programming, Arduino Programming & running



on embedded Linux operating systems using various sensors. Dr. Rakesh Jha, coordinator of the workshop highlighted the importance of the workshop and briefed the participants about the topics to be covered in this workshop over next 05 days. More than 70 participants including faculty and students of the University are attending the workshop. Vice-Chancellor Dr. Sanjeev Jain extended his wishes to all the participants for the fruitful learnings out of this workshop. Dr. K.R. Jha, Head of the department also wished his fruitful wishes for the participants.

Faculty Update

Assistant Professor, Dr. Vivek Kumar Singh completes Raman Fellowship

Dr. Vivek Kumar Singh has rejoined SMVDUniversity after completing his one year fellowship (UGC-Raman Post-Doctoral Fellowship) in Lawrence Berkeley National Laboratory (LBNL) operated by The Regents of the University of California, Berkeley for the U.S. Department of Energy (DOE). Dr. Singh is doing his research on the "Use and Advancement of Laser Induced Breakdown

Spectroscopy (LIBS) in Chemical Analysis and Chemical Imaging Applications" at the state-of-the-art ultrafast laser facilities at LBNL. Dr. Singh extensively studied the physics of the laser induced lithium and hydrogen plasma and their isotopes. During his time at LBNL, Dr. Singh performed at a high level and his research efforts elucidated aspects of chemical imaging with LIBS that had not been studied in the past, thereby breaking new ground in the field. Dr. Singh also visited some reputed Institutions and Universities like Institute for Clean Energy Technology, Mississippi State University, Jackson State University, Mississippi College (A Christian University), and The Institute of Optics, University of Rochesterfor for future research collaborations. Prof. Sanjeev Jain, Vice Chancellor of SMVD University congratulated Dr.



Vivek Kumar Singh on his successful completion of the fellowship. Prof. Jain briefly discussed the research outputs and expressed his views to continue his research work.

Faculty attended International Conference at Uttar Pradesh

Ms. Navleen Kour, Assistant Professor, Dept. of Computer Science & Engineering, Shri Mata Vaishno Devi University, has attended an International Conference on Telecommunication and Networks TEL-NET 2017, technically Co-Sponsored by IEEE UP Sec-

tion, at Amity University Noida Uttar Pradesh. During the conference, Ms. Navleen Kour presented a research paper titled "An Efficient Algorithm for Facial Landmarks Detection using Haar-like features Coupled with Corner Detection following Anthropometric Constraints" coauthored by Dr. Naveen Kumar Gondhi, Assistant Professor, Dept. of Computer Science & Engineering. The research paper focused on an efficient algorithm that can be used for features detection of a face with high robustness and accuracy. This algorithm is performed on Jaffee database and provides increased speed of searching process by focusing on region of interest which limits the search area as well as reduces computational time. It is pertinent to mention that Ms Kour also interacted with eminent Academicians, Research Scholars, and Scientists across

the globe and sharing the latest advancements in the field of Image Processing and Machine Learning with them. Vice-Chancellor Prof. Sanjeev Jain congratulated Ms. Kour for attending the International Conference.

Dr. Vinay Kumar, Asso Prof. Published a Paper on A potential green emitting citrate gel synthesized NaSrBO $_3$:Tb $^{3+}$ phosphor for display application (2017) Online link: http://dx.doi.org/10.1016/j.physb.2017.07.034

Dr. Vinay Kumar , Asso Prof. Published a Paper on Combustion synthesis and characterization of blue long lasting phosphor $CaAl_2O_4$: Eu^{2+} , Dy^{3+} and its novel application in latent fingerprint and lip mark detection (2017) , Online link: https://doi.org/10.1016/j.physb.2017.07.019

Dr. Vinay Kumar, Asso Prof. Published a Paper on A novel orange-red emitting $Ba_2Ca(BO_3)_2:Sm^{3+}$ phosphor to fill the amber gap in LEDs: Synthesis, structural and luminescence characterizations, Current Applied Physics 17 (2017) 1369-1375

Dr. Vinay Kumar , Asso Prof. Published a Paper on Potential of Sm^{3+} doped LiSrVO₄ nanophosphor to fill amber gap in LEDs (2017), Online link: http://dx.doi.org/10.1016/j.physb.2017.07.040

Dr. Vinay Kumar , Asso Prof. Published a Paper on Optical properties of $Sr_3B_2O_6$: $Dy^{3+}/PMMA$ polymer nanocomposites (2017), Online link: http://dx.doi.org/10.1016/j.physb.2017.07.0333.

Dr. V. K. Tripathi delivered an invited lecture on the topic "Intra-personal Skills and Career Opportunities for Sanskrit Students" jointly organized by the Department of Life Long Learning and Department of Sanskrit, University of Jammu on 31st Aug. 2017.

Student's Update

5th Alumni Meet

Shri Mata Vaishno Devi University organized its 5th Annual Alumni Meet on 12thAugust, 2017 in their campus at Kakryal, Katra. The main motive of this alumni meet was to create a tether of the alumni with the alma mater and recognize the achievements as

well as exalt and applaud the milestone of the potential graduates. The one-day meet observed the participation of over a hundred alumni from B. Arch., MBA, M.Sc., PhD, B.Tech., M.Tech. and M.A. from different parts of the country. The alumni meet focused on giving a global experience to their students



and to renew the bond between the passed out students, the current students as well as the faculty. The alumni of SMVDU who had been at distinguished positions and experience from diverse fields included, industries, electronics, banking, academics, entrepreneurship and others participated in the event with great zeal. The event commenced with a brief welcome address by the Dr. V. K. Tripathi, who conducted an interesting interactive session; where in the alumni members of SMVDU interacted with the students on their experiences and answering their queries. Mr. Gaurav said that SMVDU is a place which is at par with any national level institution and its students who make the difference. Mr. Dishant Bhatia an architect entrepreneur and Sujat Mahajan, MBA called upon the students to take the best of opportunities to nurture the idea at a place like SMVDU. Akshita Khajuria, Achyut Sharma and Sahil Bhargotra provided the motivation and answered the career queries of the students. Mr. Sameer Sengar, final year student introduced the beta version of the alumni website. The evening with alumni witnessed colorful cultural performances by the alumni and the board of cultural activities. The performances included including dances, poetry session & music performances by the students followed by a gala facilitation ceremony. Vice Chancellor Dr. Sanjeev Jain expressed his contentment & delectation over the initiative of connecting the institution with the vast alumni network of SMVDU. He highlighted the contributions made by the alumni in making SMVDU a well renowned and reputed institute. Prof. V.K. Bhat in his address welcomed the alumni and said that it is the opportunity to relive the education and create a bond with society with a meaningful contribution. Dr. Saurabh, the faculty In-Charge Alumni Affairs at SMVDU delivered the vote of thanks to the all the participating alumni members and said that it is the alumni that sustains the brand of SMVDU. He thanked the entire alumni faculty and staffs as well as the members of alumni meet event organizing committee in making the event successful. The event was concluded by the gala dinner in the evening which was graced by the faculty, Deans, Heads of various department, alumni members and students

Thursday Mind-Meets in August 2017

In the 17th Thursday Mind-Meet, a special lecture "Right to Privacy and Fundamental Rights" was organized on 3rd Aug. 2017 at

5:30pm in Lecture Hall D. On this occasion, Mr. Sumanta S. Sharma, Asst. Prof., DoPC, SMVDU, delivered a lecture which was followed by an extensive discussion on the theme. The discussants included Dr. Ashoka Tarai, Dr. Anil Tewari, Dr. Kirtti R. Paltasingh and some PhD and UG/PG students. In the 18th meeting, a special lecture on the theme "Are Some Languages better than the Others?" was organized on 10th Aug. 2017 at 5pm in Lecture Hall C. The speaker on the occasion was Dr. Amitabh V. Dwivedi, Asst. Prof., DoLL, SMVDU. The 19th meeting was organized at 5.30pm on 17th Aug. 2017. On this occasion, a discussion was held on the topic "Can



Dharma (i.e. Values) be Taught?" Dr. Madhu Mangal Chaturvedi, Asst. Prof., DoPC, SMVDU, initiated the discussion which was followed by the comments and observations of the faculty and students present. In the 20th meeting, a panel discussion was organized on the topic "Rise of Shareholder Activism in India: Are they Effective? Lessons from Infosys" on 24th August 2017 at 5.30pm in the Lecture Hall D. The panelists included Prof. D. Mukhopadhyay, Professor, School of Business, Dr. Sanjay Kumar Mishra, Assistant Professor, SoB, Mr. Ravi Kant, Research Scholar, SoB, Ms. Jaismeen Kour, Student, MBA 3rd Semester, SoB and Ms. Sumiran Kaushal, Student, MBA 3rd Semester, SoB. It was followed by an interesting question and comment hour session in which faculty and students participated.

In view of the ongoing debate on article 35A of the Indian Constitution, the theme for 21 st meeting was "Article 35A and National Integration". This meeting was organized on 31 st Aug. 2017 between 5:30-7:00 PM in Lecture Hall D. Dr. Anil Tewari, Asst. Prof., DoPC, SMVDU, was the initiator of the discussion. It was followed by questions and comments by the faculty and student participants.

Alumni Corner

Ankush Gupta
Assistant Manager
Talent Engagement, HR
TCS, Hyderabad
Mechanical Engineering Graduate

I am having close to 5 years of experience in TCS. Currently i am into Talent Engagement Function of TCS, HR Team. We take care of Talent Management, Grievance Management, Employee Engagement and Business Partnering.

One piece of advice i want to give to all SMVDU students is that "Never say No to any Work." Every work, every profile is special and unique and do try to learn new things, technologies, subject on a regular basis. Learning and sharing is very important in today's time. Do participate in extra-curricular activities, volunteer for a social cause and respect your teachers.