

**UPCOMING EVENTS**

- **National Workshop on GREEN-CERTIFIED BUILDING MATERIALS on 29th April 2024.**
- **One Day Awareness Program on Biotech Entrepreneurship in Collaboration with IIIM-Technology Business Incubator on 24th April, 24.**
- **MoU to be Signed between SMVD University and Punjab Engineering College, Chandigarh on 27th April, 24.**
- **Inauguration of Pradhan Mantri Bhartiya Jan Aushadhi Kendra on 15th April, 24**

PATRON

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SMVDU hosts Workshop on 3D Printing for Entrepreneurs

A one-day workshop was hosted by the Technology Innovation Hub, Shri Mata Vaishno Devi University, funded by the J&K Higher Education Department to disseminate knowledge of 3D printing and its role in entrepreneurship. The workshop was attended by over 50 participants from various colleges of J&K. The workshop was coordinated jointly by Prof. R. K. Jha (Dean, FoE), Dr. Ankush Raina (Asst. Prof., School of Mechanical Engineering), Dr. Mir Irfan Ul Haq (Asst. Prof., School of Mechanical Engineering) and Dr. Sanjay Mohan (Asst. Prof., School of Mechanical Engineering). Prof. Pragati Kumar, Vice Chancellor, SMVDU presided over the inaugural function. Prof. Kumar stressed the need to hold such workshops on new technological developments regularly in line with the goals of Viksit Bharat 2047 and NEP2020. Vice Chancellor, Prof. Pragati Kumar, in his message, lauded the efforts put in by the organizing team of the workshop in organizing the event and welcomed all the guests to SMVDU. The invited speakers, Dr. Prateek Saxena (IIT Mandi) and Dr. V. Rajkumar (IIT Jammu) spoke about various aspects and applications of 3D printing. The speakers highlighted the role 3D Printing technology can play in empowering entrepreneurs. The valedictory session was chaired by Registrar SMVDU, Mr. Ajay Kumar Sharma of the university. Dr. V. V. Tyagi (Dean R&D, SMVDU), Prof. R. K. Mishra (Dean of Students), and senior faculty members of the university were also present during the function. Dr. Ankush Raina (Co-coordinator) carried out the proceedings of the day, Dr. Mir Irfan Ul Haq (Co-Coordinator) presented the report of the workshop and Dr. Sanjay Mohan (Co-coordinator) delivered the vote of thanks. The other co-coordinators of the project were also present during the function. During the valedictory, the participants also shared their feedback on the event with all the officials expressed their willingness to join such beneficial programs in the future, and thanked the organizers and funding agency (Govt. of JK, UT) for the opportunity.



SMVDU organized a Workshop on DGPS and Integration with GIS in Collaboration with Megadrones Pvt. Ltd

School of Civil Engineering, Shri Mata Vaishno Devi University organized a workshop on DGPS and Integration with GIS in collaboration with the Megadrones Pvt. Ltd. which is committed to innovation, it aims to push the boundaries of technology and scientific exploration. During the time of inauguration Head civil engineering Mr. V.K.

Dogra, faculty members, student body and guest of honor Dean of Academic Affairs Dr. Balbir Singh were present. The inauguration ceremony featured insightful speeches, interactive sessions, and exciting demonstrations highlighting the advancements and achievements in civil engineering. DGPS



and GIS are essential tools for civil engineering students, offering precise positioning data for surveys and construction layouts through DGPS, and enabling accurate mapping and spatial analysis with GIS. These technologies also support urban planning, environmental analysis, and disaster management efforts, providing students with versatile skills applicable across engineering domains. In essence, DGPS and GIS equip civil engineering students with the practical skills needed to address real-world challenges and pursue diverse career opportunities in the field. The Head of School of Civil Engineering encouraged students to take part in this workshop wholeheartedly and to embrace this opportunity to grow, learn, and connect in the dynamic world of Civil Engineering. The workshop was coordinated by Mr. Gautam Narula in collaboration with Mr. Srijan and Dr. Vaibhav Sapkal.

SMVDU, Dr. Deepak Jain received a design patent "Automated Medical Environment Management Device with a Health Detection".

Dr. Deepak Jain, School of Business, Shri Mata Vaishno Devi University received a design patent titled "Automated Medical Environment Management Device with a Health Detection" under Design Application Number: 6347703 in Class: "24 - Medical and Laboratory Equipment" and Sub Class "02 - Medical Instruments, Instruments and Tools for Laboratory Use". He is one of the ten inventors. This design patent pertains to an innovative Automated Medical Environment Management Device equipped with integrated health detection capabilities. The design focuses on seamlessly integrating advanced technologies to create an efficient and user-friendly solution for medical environments. The device encompasses a sleek and ergonomic form factor, optimizing both aesthetics and functionality. The design incorporates a comprehensive health detection system, utilizing cutting-edge sensors and technologies to monitor vital health parameters. The device's intuitive interface allows for easy interaction, ensuring accessibility for both healthcare professionals and patients. With an emphasis on functionality, the Automated Medical Environment Management Device integrates seamlessly into healthcare settings, offering real-time health monitoring and precise environmental control. This design patent represents a significant leap forward in the convergence of medical technology and environmental management, catering to the evolving needs of modern healthcare facilities.



School of Economics, SMVDU organized ICSSR Sponsored Workshop

School of Economics, Shri Mata Vaishno Devi University successfully hosted a one-day workshop on "Prospects of Micro-Irrigation under Pradhan Mantri Krishi Sinchai Yojana", funded by Indian Council of Social Science Research (ICSSR) on 6th March, 2024 in the EC Room of Matrika Auditorium.

The workshop commenced with the ceremonial lighting of the lamp by the esteemed guests. The formal welcome was extended by Dr. Kakali Majumdar, the Project Director, Associate Professor, School of Economics. Dr. Majumdar also provided a comprehensive overview of the workshop's agenda. Chief Guest of the program, Hon'ble



Vice Chancellor, SMVDU, Prof. (Dr.) Pragati Kumar, in his inaugural address encouraged the whole team for conducting such program. He emphasised the importance of Economics for successful implementation of any government scheme, like PMKSY. Dr. Ashutosh Vashishtha, Dean, Faculty of Management also addressed the gathering and highlighted some important aspects of PMKSY. Head, School of Economics, Dr. Roop Lal Sharma, congratulated the departmental team in general and the project director in particular for successful conduction of the workshop. Among the notable speakers, Dr. Meenakshi Rajeev, Professor, IIT Jammu, Guest of Honour of the event, highlighted the concerns of micro irrigation emphasizing on the impact assessment, credit utilization, spill over effect etc. She also discussed the importance of PMKSY taking examples of some related research projects. S. Perminder Singh, DHO Udhampur shed light on the possibilities of horticulture crops in Jammu region. He emphasized on the components of PMKSY like 'Per Drop More Crop' and 'Har Khet Ko Pani'. Dr. Pawan Kumar Sharma, Associate Professor, SKUAST Jammu, special guest of the workshop enriched the workshop with further elaboration on the different aspects of PMKSY and the ground level realities and problems. There was an interactive session with PMKSY beneficiaries, non beneficiary farmers, SHG and Panchayat People. This session was coordinated by Joint Director, (SLUB), Mr. Mahesh Kumar Verma and Mr. Sanjeev Khajuria, Technical Assistant o/o Joint Director Agriculture. Apart from addressing the farmers, Mr. Verma listened to the problems of farmers and provided some possible solutions to them. The vote of thanks of the inaugural programme was delivered by Dr. Pabitra Kumar Jena, Assistant Professor, School of Economics. The other participants of this ICSSR funded workshop were faculty members, scholars and post graduate students of different Universities. The one day workshop was concluded with vote of thanked by the Research Associate, Dr. Alisha Mahajan.

BOS and Curriculum Workshop held at the School of Electronics & Communication Engineering



The School of Electronics & Communication Engineering at Shri Mata Vaishno Devi University, Katra, convened the Board of Studies (BoS) meeting on March 6th, 2024, to address critical academic matters concerning the field of Electronics & Communication Engineering. The first session started with a discussion on curriculum with Prof. Suresh Devasahayam, IIT Jammu. His valuable inputs are of great significance in finalizing the NEP structure for the 2023-24 batch onwards. Distinguished attendees included the External Expert members of the Board of Studies, Prof. Rajeshwari Pandey and Dr. Yashna Sharma from Delhi Technological University. The meeting was chaired by Prof. Pragati Kumar, the Vice Chancellor of Shri Mata Vaishno Devi University. The meeting also includes Dr. K.R. Jha, Dean Faculty of Engineering, Dr. Sumeet Gupta, Faculty In-Charge Examination, NEP Coordinator of the SoECE, Dr. Vikram Singh, BoS Member Secretary and faculty members of SoECE. The primary agenda of the meeting centered around the adaptation of the National Education Policy (NEP) 2020 framework for the B.Tech in Electronics and Communication Engineering program, focusing on integrating Honors and Minor specializations. This adaptation aims to align the curriculum with the transformative vision outlined in the NEP 2020, fostering multidisciplinary learning and skill development. Faculty members of SoECE presented the proposed syllabi, meticulously designed to incorporate the NEP 2020 directives while ensuring adherence to the AICTE guidelines. The BoS engaged in comprehensive discussions to tailor the curriculum, emphasizing holistic development, industry relevance, and research orientation. During the proceedings, Prof. Pragati Kumar, the Vice Chancellor of SMVDU, underscored the significance of embracing the NEP 2020 framework, fostering a conducive learning environment that nurtures creativity, critical thinking, and problem-solving skills. Dr. Anil Bhardwaj, the Head of SoECE, thanked the esteemed participants for their invaluable contributions to advancing educational standards. He emphasized the university's commitment to implementing the NEP 2020 directives effectively, ensuring the holistic development of students and preparing them for the challenges of the future.

Five Day Skill Development Programme on Applications of Artificial Intelligence and Machine Learning held at SMVDU



Shri Mata Vaishno Devi University is proud to announce the commencement of a Five Days Skill Development Programme on Applications of Artificial Intelligence and Machine Learning funded and supported by Higher education Department, Govt. UT of J&K from 11th -15th March 2024. The program, organized by the School of Computer Science and Engineering, aims to provide participants with practical knowledge and skills in the rapidly evolving fields of AI and Machine Learning. The event has garnered participation from institutes across J&K covering various regions of UT of J&K, including Central University Jammu, Kashmir University, UIET Kathua, and SKUAST Jammu. The inaugural ceremony, held at SMVDU, witnessed the esteemed presence of Prof. (Dr.) Pragati Kumar, Vice-Chancellor of SMVDU, as the Chief Guest. Chief guest focused on the key terms like startups and entrepreneurship, imbuing the skills like lifelong learnings, keeping the participants spellbound by his inspirational and motivating words. Prof. K.R. Jha, Dean Faculty of Engineering, SMVDU, is the Coordinator of the program, along with Dr. Manoj Kumar Gupta, Dr. Pooja Sharma, and Mr. Manoj Kumar served as Co- Coordinators. Distinguished guests for the inaugural event included Dr. Shitala Prasad from IIT Goa, Dr. Karan Singh

from JNU Delhi, who will share their expertise and insights with the participants. Renowned faculty members from reputed institutes like IITs, NITs, CSIR, and JNU and Industry experts will also deliver lectures during the five-day program to help in bridging the gap between Industry and academics in today's era. Dr. Manoj Kumar Gupta delivered the welcome address followed by insights about the workshop by Mr. Manoj Kumar. The Formal vote of thanks was given by Dr. Pooja Sharma. Students organizing the event include Payel Maken, Komal Bhardwaj, Subhag Sharma, Tushar Taggar, Rajat, Hridayanshu, Achyut and Rudraksh who have worked diligently to ensure the success of the program. Five Days Skill Development Programme on AI and Machine Learning promises to be a platform for learning, collaboration, and innovation in the field of Artificial Intelligence and Machine Learning. The organizing committee of Research Project expressed sincere thanks to the Vice Chancellor and Registrar SMVDU Mr. Ajay Kumar Sharma for giving such opportunities and facilitating such learning and delivering an environment at SMVDU.

One-Week Residential Program on "Skill Development in Electronics" started at SMVDU



A one-week residential program on "Skill Development in Electronics (Hardware, Software, and Devices)" is started at Shri Mata Vaishno Devi University Katra, which was scheduled from 11th - 15th Mar, 24 and organized by the School of Electronics & Communication Engineering. Prof. Kumud Ranjan Jha, Mr. Ashish Suri, Dr. Vijay Kumar Sharma, and Dr. Neeraj Tripathi are the organizing coordinators of this program, under the project RP-128, which is funded by the Government of J&K. The aim of the program is to cater to the needs of real-world projects, primarily in the start-up environment. This meticulously designed program stands as an initiative aimed at cultivating technical expertise and elevating the competencies of professionals within the domain of Electronics. One of the distinguishing features of this program is the opportunity for direct engagement with distinguished professors, industry professionals, and representatives from government agencies. This curated interaction is designed to provide participants with a comprehensive perspective, integrating theoretical knowledge with real-world insights garnered from leaders in academia, industry, and public service. This program has diversity in participation from different parts of J&K and Rajasthan. The inauguration ceremony of the program has witnessed the presence of the chief guest Prof. Pragati Kumar Hon'ble Vice Chancellor, Prof. Kumud Ranjan Jha Dean of Engineering, and Prof. Neeraj Sharma expert speaker from IIT (BHU) Varanasi. Prof. Pragati Kumar Hon'ble Vice Chancellor, focused on the need to think potentially to develop different and unique opportunities for start-ups. Prof. Kumud Ranjan Jha stressed the need to enhance skills to cater to the needs of society. Mr. Ashish Suri briefed the audience on the importance of the program. The program has expert speakers from premium institutions like IIT (BHU) Varanasi, IGDTUW Delhi, JKEDI, NIT Allahabad, GKV Haridwar, CU Jammu, BBAU Lucknow, DIAT Pune, and industry. The program is designed to assemble theoretical knowledge into industry-oriented projects by doing the hands-on. The program coordinators are thankful to the Hon'ble Vice Chancellor.

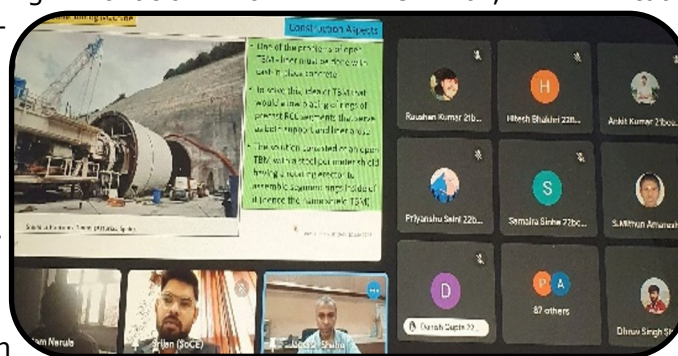
Faculty Development Program (Online) on “Green Manufacturing” held at SMVDU

One-week online Faculty Development Program (Online) on “Green Manufacturing” coordinated by Dr. Raghvendra Kumar Mishra, began at the school of Mechanical Engineering, Shri Mata Vaishno Devi university, Katra. The course shall be mainly focused on the various sustainable manufacturing methods to make products greener and sustainable. At the outset the program was inaugurated by Prof. Kumud Ranjan Jha (Dean faculty of Engineering) and Prof. Eswarmoorthy Muthuswamy (Head School of Mechanical Engineering) who emphasized the purpose of organizing this course and usefulness for the participants. He lauded the efforts of the School of Mechanical Engineering for coordinating this event. The course is mainly focused on reusing the materials for engineering products, sustainable manufacturing methods to make products greener and sustainable, said the coordinator, Dr. Raghvendra Kumar Mishra. 148 teachers of various engineering colleges around the country registered this course. In this course various experts from NITs, BITS Pilani, BIT Mesra Ranchi & other renowned institutes delivered the lecture on importance and aspects of green manufacturing. This was a 5 days faculty development program. There were three sessions every day and each session was 60 minutes. Dr. Ankush Anand (SMVDU) was the speaker for the first session. He highlighted the understanding of sustainability and green manufacturing. In the second session Dr. Rajeev Agrawal, (Associate Professor, MNIT Jaipur) discussed the life cycle assessment in sustainable manufacturing. This faculty development was conducted successfully, participants requested to conduct this Programme in offline mode.



SMVDU organised a Lecture Series on “Geotech Talks: Navigating the Depths of Engineering Innovation”

School of Civil Engineering, Shri Mata Vaishno Devi University organised 2 days series of expert lectures on “Geotech Talk: Navigating the Depths of Engineering Innovation” from 12th -13th Mar, 24 in virtual mode. The event was organised by Mr Srijan, Mr Gautam Narula and Dr Vaibhav Sapkal (Assistant Professors, School of Civil Engineering) and inaugurated by the head of the school, Dr.V.K.Dogra. Various experts from the academics and industries delivered the lecture to the students of the school of civil engineering. On the first day, the first speaker, Dr Santoshkumar G (Assistant Professor, IIT Bhubaneshwar), talked about “Forensic Geotechnics”, where he explained the analysis of a project, site conditions, or construction from a geotechnical standpoint. The next speaker, Dr Jitesh S Chavada (Assistant Professor, SVNIT Surat), explained the “Application of Image Analysis in Geotechnical Engineering”, where he explained the analysis of various geotechnical problems with the help of images. The third speaker of the day, Prof J.T. Shahu (Professor, IIT Delhi), dealt with the “Geotechnical Aspect of Tunnel Construction” where he discussed the various construction aspects as well the methods of tunnelling. The series continued on second day where Mr Shyan Ali (Director, Megadrones Pvt Ltd) discussed the “Drone Ecosystem” and its utilisation in the field of civil engineering. The session was followed by another industry personnal, Shri Bhaira Ram Godara (Deputy GM, Chenab Valley Power Projects Ltd), who discussed the “Role of Geology in Civil Engineering Projects” citing the current projects in the J&K regions. The last session of the event



was graced by Dr Balbir K Pandey (Assistant Professor, Guru Ghasidas Vishwavidyalaya) who delivered his lecture on "Performance of Soft Clay Reinforced with Encased Stone Column". He discussed the various parameters in order to improve the stability of soft soil. The event ended with a vote of thanks.

Live Streaming of Launch of Semiconductor Facilities by Prime Minister organized at SMVDU



Shri Mata Vaishno Devi University had the esteemed privilege of hosting the live streaming of the momentous launch of three cutting-edge semiconductor facilities by the Hon'ble Prime Minister Shri Narendra Modi. held at the premises of SMVDU, this event stood as a significant milestone in India's technological advancement. The live-streamed launch event showcased the inauguration of three state-of-the-art semiconductor facilities, exemplifying India's unwavering dedication to technological innovation and self-reliance in the semiconductor industry. It underscored the nation's commitment to fostering indigenous capabilities and reinforcing its position as a global leader in technology. In conjunction with the launch, SMVDU organized an insightful interaction session held in lecture theatre, focusing on "The Role of Academia in Viksit Bharat." Mr. Pritam Banerjee, representing Trident Tech Labs, offered invaluable insights during the session which was attended by students, faculty, and staff of SMVDU, the interaction provided a platform to deliberate on the pivotal role of academia in nurturing innovation and propelling progress in a developed India. The event was coordinated by Prof. K. R. Jha, Dean of the Faculty of Engineering, Dr. Manoj Kumar Gupta, Associate Professor at the School of Computer Science and Engineering, and Mr. Ashish Suri, Assistant Professor at the School of Electronics and Communication Engineering. Their dedication and concerted efforts ensured the seamless execution of the event, fostering meaningful discussions and facilitating collaboration among participants. Mr. Ashish Suri, Assistant Professor at the School of Electronics and Communication Engineering, presented the introduction and delivered a formal vote of thanks for the event. His eloquent expression of gratitude encapsulated the significance of the occasion and acknowledged the invaluable contributions of all stakeholders involved. SMVDU remains steadfast in its commitment to promoting academic excellence, nurturing innovation, and contributing to India's journey towards emerging as a global technological powerhouse.

Management Conclave organised at the School of Business, SMVDU

The Management Conclave 2024 entitled, "Sambandh" themed 'Growth with Sustainability' organised by the School of Business, Shri Mata Vaishno Devi University. The Chief Guest of the inaugural function Prof. Pragati Kumar, Vice Chancellor, SMVDU highlighted the importance of linking the academic programs with corporate in today's world. He emphasised on imbibing entrepreneurial traits within students for economic growth and corporate development. Prof. Ashutosh Vashistha, Dean, Faculty of Management highlighted the relevance of Indian ethos in working environment and corporates. Prof. Supran Kumar Sharma, Coordinator of the program described the different management principles to be followed to enhance teamwork. Prof. Jyoti Sharma, Head, School of Business laid down emphasis on how such programs help in transition of students from classroom learning to experiential learning. The six plenary sessions were conducted in which experts delivered talks on different aspects of the requisite



theme. The different experts include Mr. Ashutosh Bajaj, State Head at Reliance Jio, who talked about sustainable growth in the field of corporate sector and further discussed the involvement of technology and AI in the current business scenario that contributes to societal upliftment. The next expert, Mr. Vidya Bhushan, Co-founder and COO, Dalchini Technologies, Delhi, pointed towards critical thinking that may lead to design innovations and reiterated that questioning anything and everything will help to survive in the market for long. Mrs. Kanika Nag, Digital Marketer, IBM, Bangalore, highlighted the requirement to maintain individual life philosophy with a suggestion to be kind towards the environment and the people around. Mr. Vinod Prakash Baxla, GM, HR, PowerGrid Jammu, highlighted the contribution of the power sector in the economic development with an emphasis on India becoming a carbon neutral power generator by 2050. Mr. Naren Karunakaran, Consultant, SBBD, IIM Jammu enlightened students on circular economy, mitigation and adaptation. The sixth expert, Mr. Ankush Gupta, HR, Business Partner, Ernst and Young, pointed towards the role of analytics in problem solving and shared his experience with respect to growth, sustainability and contribution of management graduates in economic development. Dr Syeda Shazia Bukhari, Co-organising Secretary, SMVDU, delivered the vote of thanks. A panel discussion was also held on "Industry 4.0: Challenges and Preparedness in India". The experts gave their statements and discussed the challenges being faced in the implementation of Industry 4.0 in India. A number of challenges and opportunities were discussed for its successful implementation. Apart from the six experts, students pursuing MBA program were also the panellists in the panel discussion. Dr Deepak Jain, Organising Secretary presented concluding remarks of the panel discussion.

SMVD University holds the 36th Meeting of the Academic Council

The 36th meeting of the Academic Council of Shri Mata Vaishno Devi University was held on 15th Mar, 2024 and was chaired by Professor Pragati Kumar, Vice Chancellor, SMVDU. The meeting began with a welcome note by the Sh. Ajay Kumar Sharma, Registrar, SMVDU. The Vice-Chancellor, SMVDU highlighted the achievements of the University and informed the house about the grant received by the University under the PM-USHA scheme of the Ministry of Education, GoI. The agenda items were presented by Professor Balbir Singh, Dean of Academic Affairs. The agenda for the meeting contained significant items for approval, ratification, and information. Prominent among these were



course structure for Four Years Undergraduate Program & B.Tech. Program, new programs as per NEP 2020, the amendments to the Ph.D. Ordinance, Academic Rules & Regulations, selection criteria for faculty positions at SMVDU. The meeting was attended by Professor Madhusudan Singh, Professor, DTU, New Delhi; Professor Anju Bhasin, Professor, Department of Physics, University of Jammu; Sh. Pranavant, Partner Deloitte India and Dr. Rina Surana, Associate Professor, Dept. of Architecture & Planning, MNIT, Jaipur. Professor Majid Jamil, Professor, Department of Electrical Engineering, Jamia Millia Islamia, New Delhi and Professor Sandeep Sancheti. Pro Vice Chancellor, Marwadi University, Rajkot, Gujarat attended the meeting via online mode. The meeting was also attended by Deans, Faculty in-charge

Six-Days Online Faculty Development Programme (FDP) starts at SMVDU

A Six Day online Faculty Development Programme on "Research Methodology with a Focus on Hands-on Experience of Econometric Modelling" commenced at Shri Mata Vaishno Devi University, Katra, scheduled from 18th - 23rd March 2024, organized by Malaviya Mission Teacher Training Centre (MMTTC). Under the patronage of Professor Pragati Kumar, Hon'ble Vice Chancellor of SMVDU, the FDP was inaugurated by Professor Supran Kumar Sharma, Director MMTTC; Dr. Pabitra Kumar Jena, Coordinator of the FDP; Dr. Arif Billah Dar and Dr. R. Gopinathan Co-Coordinator of the FDP. The primary objective of this workshop is to cover essential econometric models and methods for research application, particularly within the realm of empirical research. This meticulously crafted workshop serves as an initiative to familiarize participants with the analytical framework of econometrics, a branch of economics concerned with estimating and evaluating theoretical knowledge through econometric models. The workshop boasts diverse participation from various faculties, including teachers from different Colleges, Universities, and Institutions. There were four sessions, with each session of 90 minutes. Dr. Bandi Kamaiah, Chief Guest, Emeritus Professor from the School of Economics, University of Hyderabad and Past TIES President, was the speaker for the first session. He highlighted the importance and art of modelling in the realm of Econometrics. Additionally, esteemed Special Guest, Dr. Bright Akwasi Gyamfi, Associate Professor, Sir Padampat Singhania University (SPSU), shared his invaluable experience and congratulated the university for organizing this kind of workshop, which will be helpful for the faculties and research scholars. In the afternoon session, Dr. Supran Kumar Sharma delivered a lecture on the basics of Econometrics and Assumptions of the Ordinary Least Squares and Linear Stochastic regression model. In the last session of the day, Dr. Pabitra. Kumar Jena elaborated a lecture on empirical estimations of time series modelling and briefly summarized the anonymity of classical econometric modelling.



The workshop on Sanger Sequencer was held at SMVDU, Katra. The Inaugural Session was attended by participants from various educational institutions of JK, Research scholars, and Faculty of SMVDU. Prof. Manoj K Dhar, Director, ACSIR and Ex Vice Chancellor, University of Jammu was the Chief Guest and keynote speaker for the occasion. The presence of Prof. Pragati Kumar, Vice-Chancellor of SMVDU, lent weight to the event, emphasizing the institution's dedication to fostering a culture of scientific exploration. Prof. Kumar's welcome address resonated with attendees, instilling a sense of purpose and direction. The Inaugural Ceremony of the Workshop was held at Matrika Auditorium, SMVDU. Dr. Sharada Potukuchi, Coordinator of the workshop welcomed all the guests and participants and made delegates aware about the mandate of the capacity building project under which the Workshop was conducted, wherein introduction of MMTTC by Prof. Suparn Kumar Sharma underscored the importance of collaborative initiatives in driving innovation in biotechnology. Among the audience were Dr. Sunil Wanchoo, Dean Faculty of Sciences, as special

Workshop on Sanger Sequencer held at SMVDU, Katra

Two -Day workshop on Sanger Sequencer- jointly organized by coordinators of Higher Education project funded by HEI's Govt. of Jammu and Kashmir and MMTTC on 20th -21st March 2024 held at SMVDU, Katra.

The Inaugural Session was attended by participants from various educational institutions of JK, Research scholars, and Faculty of SMVDU. Prof. Manoj K Dhar, Director, ACSIR and Ex Vice Chancellor, University of Jammu was the Chief Guest and keynote speaker for the occasion. The presence of Prof. Pragati Kumar, Vice-Chancellor of SMVDU, lent weight to the event, emphasizing the institution's dedication to fostering a culture of scientific exploration. Prof. Kumar's welcome address resonated with attendees, instilling a sense of purpose and direction. The Inaugural Ceremony of the Workshop was held at Matrika Auditorium, SMVDU. Dr. Sharada Potukuchi, Coordinator of the workshop welcomed all the guests and participants and made delegates aware about the mandate of the capacity building project under which the Workshop was conducted, wherein introduction of MMTTC by Prof. Suparn Kumar Sharma underscored the importance of collaborative initiatives in driving innovation in biotechnology. Among the audience were Dr. Sunil Wanchoo, Dean Faculty of Sciences, as special



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invitee. Prof. Uma Bhamadipati, Prof. Balbir Singh, Dr. VV Tyagi, Dr. Sanjeev Anand, Dr. Sunanda, Dr. Shafaq Rasool, Dr. Parvaz, Dr. Preeti Sharma, Prof. Baba Potukuchi and Dr. Raju were among the august gathering. The workshop featured a series of captivating lectures, starting with Prof. Manoj K Dhar, ACSIR, Director, Delhi who deliberated on the 'Role of Capacity Building in Biochemical Science'. Prof. Dhar's insights provided a solid foundation for understanding the fundamental principles driving biochemical research, inspiring participants to think critically about their work. Technical Experts, Dr. Anil Kumar and Dr. Vibha Pandey from Thermofisher delivered the Lecture on the nuances of Sanger Sequencing and introduced the features and applications of the recently acquired Sanger Sequencer-SeqStudio. Dr. Shweta from Shiva Scientific life sciences discussed the specialized domain of Devyser Fragment Application, offering valuable insights into this cutting-edge field. The interactive session provided a platform for participants to engage directly with speakers and experts, fostering lively discussions and the exchange of ideas. The Co-coordinator of the workshop, Dr. Rakesh Thusoo presented the vote of thanks and informed all present that such workshops in the school will be held regularly to train and educate the Faculty, Staff and other medical professionals from UT of Jammu and Kashmir. Furthermore, Hands-on training sessions were conducted by Dr. Anil Kumar, Application Scientist from Thermofisher, who provided participants with practical experience in Sanger sequencing techniques. The training sessions, held at the Central Facility Mass Array Lab, School of Biotechnology, equipped attendees with valuable skills and insights. Dr. Rakesh, organizing secretary acknowledge the support of Coordinators and staff of RP-127, RP-128 along with Mr. Rajeshwar, Mr. Bhawani, Ms. Tanvi, and Ms. Minerva for smooth conduct of the workshop.

The 5th National Conference on Recent Trends in Mathematical Sciences inaugurated at SMVDU



A Two-Day National Conference on "Recent Trends in Mathematical Sciences" inaugurated at Shri Mata Vaishno Devi University (SMVDU), Katra on 21st March 2024. The conference was organized by the School of Mathematics in Association with MMTTC-SMVDU. Prof.(Dr.) Pragati Kumar, Honorable Vice-Chancellor, SMVDU, and Prof. S.D. Sharma, Former Head, Department of Mathematics, University of Jammu were the Chief Guest and Guest of Honor at the occasion, respectively. Prof. Pragati Kumar recalled some motivational stories of stalwarts in the field of Mathematics and nicely explained the utilization of concepts of Mathematic in Engineering. Prof. S. D. Sharma highlighted the fundamental concepts in Mathematics and their real-life implications. Dr. Sunil Kumar Wanchoo, Dean, Faculty of Sciences encouraged the organizers to broaden the horizon of the conference. Participants across the nation turned up for the conference to showcase their research work. Prof. Rakesh Kumar, Punjabi University, Patiala, Prof. Sartaj Ui Hasan, IIT, Jammu, Prof. Ajay K. Sharma, Head, Department of Mathematics, Central University of Jammu, Dr. Varun Jain, Multani Mal Modi College, Patiala, Dr. Navneet Lal Sharma, Gati Shakti Vishvavidyalaya, Vadodara, Gujrat attended the inaugural session. Dr. Kuldip Raj, Head, School of Mathematics and Convener of the Conference introduced the theme of the conference and welcomed the delegates. Dr. Surender Singh, Coordinator of the conference proposed the vote of

thanks. Dr. A. K. Das, Coordinator of the conference, Dr. Sandeep Bhogal and Dr. Sandeep Sharma, Organizing Secretaries smoothly handled all the activities of the inaugural session. Among the audience, Dr. Vineet Tyagi, Dean, Research and Development, Dr. Sanjeev Anand, Associate Dean, Research and Development, Dr. Roop Lal Sharma, Head, School of Economics, Dr. Kamini Patania, Senior Faculty, School of Physics were the eminent faculty colleagues from SMVDU.

Entrepreneurship Conclave organised at the School of Business, SMVDU



The Entrepreneurship Conclave was organized by the School of Business, Faculty of Management in association with the Entrepreneurship Development Cell, Shri Mata Vaishno Devi University. The Chief Guest of the inaugural function Prof. Pragati Kumar, Vice Chancellor, SMVDU highlighted the importance of an entrepreneurial mindset that enables people to identify and make the opportunities, overcome and learn from setbacks, and succeed in a variety of settings. He emphasized inculcating entrepreneurial values within students for business independence and sustainability. Prof. Ashutosh Vashistha, Dean, Faculty of Management expresses gratitude towards the experts and wishes the participating students the best of luck for future endeavors. Prof. Supran Kumar Sharma, Coordinator of the program described about the various entrepreneurial opportunities enhancing future economic growth, innovation, and entrepreneurship research. Prof. Jyoti Sharma, Head of the School of Business narrating through story mentioned the relevance of perseverance in entrepreneurship. She emphasized that struggles make one stronger and life of entrepreneurship is full of struggles. The six plenary sessions were conducted in which experts delivered talks on different Entrepreneurial aspects. The different experts including Mr. Sanjeeva Shivesh, Co-founder, Think Startup, Gurugram, NCR talked about the several government schemes the country is witnessing in a wave of entrepreneurial spirit today. He also talked about the base of Viksit Bharat and its contribution to bringing together all the stakeholders for the development of a nation. Prof. T. Prasad, Professor of IIM Mumbai, pointed towards critical thinking by saying that "Bechdo" is the only seed of Entrepreneurship instead of sitting, thinking, and remembering anything. He addresses that one should have an education but education should have a relation with jobs. He also emphasized the ability to teach students and have a positive influence on them. Mr. Annil Suri, President and CEO, AB Consultants, highlighted the importance of personal SWOT analysis in which an individual should focus on outlining their professional strengths and weaknesses, opportunities for growth, and threats to their success and suggested not to ignore the small things in life. Mr. Rajneesh Sharma, Director, and Founder, Trikuta Agro, highlighted the contribution of perseverance in personal growth, developing resilience and strength, and more importantly, learning from failures and discovering career opportunities for becoming a successful entrepreneur. Dr. Vivek Sharma, CIO, IIM Jammu, enlightened students that they should have faith in themselves, work for themselves, invest in their passion, and build a business. The sixth expert, Mr. Bhaskar Suri, Partner, Satyam Cattle Feed, pointed towards the dream of becoming the next celebrated entrepreneur and shared his experience concerning business plans and profitable startup ideas for economic development. Dr, Syeda Shazia Bukhari, Co-organising Secretary, delivered the vote of thanks to the respected dignitaries and panellists. Dr, Deepak Jain, Co-convener along with Dr. Sarabjot Singh and Dr. Divya Singh Jamwal facilitated the guests along with other faculty members of the School of Business. During the panel discussion on "Entrepreneurship & Viksit Bharat-Vision 2047". The experts gave their opinions and discussed the initiatives taken by the government for its successful implementation. Several opportunities were discussed with panelists and students looking forward to start-ups fostering youth entrepreneurship. Apart from the six experts, students pursuing the MBA programs were also the panelists in the panel discussion. Mr. Ajay Kumar Shar-

Celebration and Day Observed

International Women's Day celebrated at SMVDU



In an enlightening session at SMVD University, renowned International Wellness Coach, Dr. Samita Gupta, captivated over 100 eager students with her expertise on the topic "Journey of Women from Womb to Tomb." She was welcomed by Dr. Rajiv Kumar, Coordinator of NSS, and Dr. Varun Dutta, Assistant Professor at SMVDU. Dr. Gupta, a certified nutrition and fitness expert, delivered profound insights into the holistic health and well-being of women, covering physical, mental, and emotional aspects. The expert lecture, organized by the National Service Scheme at SMVDU, centered on crucial aspects of women's health and wellness in contemporary society. Dr. Gupta's comprehensive discussion delved into the nutritional requirements, reproductive stages, and reproductive health of women, offering invaluable knowledge to the attendees. Highlighting the significance of pregnancy and postpartum nutrition, Dr. Samita Gupta emphasized the pivotal role it plays in ensuring the health and vitality of both mother and child. The expert lecture, strategically scheduled on the eve of International Women's Day, not only empowered the students with knowledge but also served as a reminder of the ongoing journey towards gender equality and the imperative need for collective action. Dr. Samita Gupta's expertise, coupled with her passion for women's health and wellness, left an indelible mark on the audience, ensuring that the session was not only educative but also transformative. As the event concluded, students departed enriched and inspired to contribute towards a healthier and more equitable society. Other members from SMVDU present on the occasion were Prof. Ankush Anand, Dr. Kamini Pathania and Ms. Shivani Khajuria.

External Experts

Expert Lecture on "Role of NCC in Nation Building" held at SMVD University



In an enlightening session at SMVD University, Expert Lecture on “Role of NCC in Nation Building” was held for the students at SMVD University. The event, organized by Dr. Varun Dutta, Assistant Professor at SMVDU, featured Lieut. (Dr.) Pankaj Mehta as the keynote speaker. Dr. Mehta, who also serves as an Assistant Professor at Central University of Jammu and as an NCC officer, brought forth valuable insights and experiences to the discussion. The gathering was further enriched by the presence of two NCC cadets of 4th JK BN, NCC, Cdt. Rohit Kumar and Cdt. Masum Raja, who showcased various activities undertaken during NCC camps. Through practical demonstrations, they exemplified the essence of discipline, teamwork, and leadership instilled by NCC training. Dr. Mehta, drawing from his dual roles as an educator and an NCC officer, elaborated on the significance of NCC in nurturing responsible and patriotic citizens. He highlighted how the values imbibed through NCC activities contribute to the holistic development of individuals and, consequently, to the progress of the nation. Students attending the discussion expressed their appreciation for the comprehensive understanding gained about the multifaceted contributions of NCC towards nation-building. Witnessing the practical applications of NCC principles left a lasting impression on their minds, instilling a sense of pride and responsibility towards serving the nation. Prof. (Dr.) Pragati Kumar, Vice-Chancellor, SMVDU, lauded the initiative, emphasizing the importance of such discussions in shaping socially conscious individuals capable of making positive contributions to society. He reiterated the university's commitment to providing holistic education that equips students with both theoretical knowledge and practical skills necessary for societal advancement. Other members present on the occasion were Registrar, SMVDU, Sh. Ajay Kumar Sharma (JKAS), Dean Student Welfare, Prof. R. K. Mishra, and Dean Academic Affairs, Prof. Balbir Singh.

Institute Innovation Council, SMVDU conducts Special Lecture on Innovation and Startup Opportunities

Sh. Neeraj Kaul, Industry Professor of Practice (Entrepreneurship & Startups) at Sushant University Gurgaon, renowned clean energy consultant and former Director Sales & Marketing & Deputy Managing Director of General Electric, USA (South Asia) while delivering special talk to the students of the University emphasised that Indian economy which is the 5th largest in the world with its burgeoning startups and entrepreneurs presents excellent opportunity to the students to experiment with their ideas inside and outside the classroom. He implored the students that they must explore the nearby neighbourhood to identify the problems which may lead them to find the innovative solutions and business ideas. New Education Policy and student friendly startup policies of government provide students and even those who are outside the formal education system with wonderful opportunities to start their own business ventures. Prof. Kaul appreciated the efforts of the University to foster a vibrant ecosystem of innovation, where SMVDU TBIC served as the bedrock for transformative ideas. Dr. S. K. Mehta, Head, School of Business thanked to extend the support for conducting the special lecture and Professor Pragati Kumar, Vice Chancellor of the University for his continuous encouragement and guidance to promote the industry institute interaction. Earlier, Dean Research and Development, Dr. Vineet Tyagi greeted Prof. Kaul and apprised him about the research and innovation achievements of the University. Dr. Pabitra Kumar Jena, Assistant Professor, School of Economics extended the vote of thanks and acknowledged the support provided by the Institute Innovation Council for organising the event.



Dr. Hardik J Pandya from IISc Bengaluru delivered Lectures at SMVDU



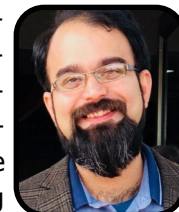
Dr. Hardik J. Pandya is an Associate Professor in the Department of Electronic Systems Engineering, Division of EECS, and Associate Faculty, Department of Design and Manufacturing, Division of Mechanical Sciences, Indian Institute of Science, Bangalore delivered Invited talks on Neural Engineering in Advanced Health Care Technologies on 07th March 2024 from 10.30 AM to 12.30 Noon and 2.30PM to 4.00PM aimed to foster academic and research collaboration between the two esteemed institutions. The first talk titled 'Invasive and Non-Invasive Technologies for Neural Engineering' focused on clinical challenges in neural oncology, neurophysiology, and neurotherapeutics, for which integrated solutions have been developed based on micro engineered devices and electronic systems engineering. The talk covered an intraoperative probe integrated with microchips for brain tumor delineation using electromechanical characterization and soft robotics, silicon-based microneedles for deep brain recordings and flexible electrode arrays for surface recordings toward understanding rodent neurophysiology, particularly during Parkinson's disease and Epilepsy. Polyimide-based flexible 32-channel microelectrode arrays to identify the evoked seizures' spatiotemporal behaviour was also discussed. On a quick and robust spatiotemporal analytical approach to delineate between normal and epileptic subjects, along with identifying the seizure type based on epileptiform discharges (spikes, sharps, and slow waves) counts were also explained. The Talk two centered around a multimodal intraoperative probe integrating the opto-electro technology which can significantly improve the accuracy and efficiency of breast cancer margin assessment, leading to better patient outcomes and potentially reducing healthcare costs. Towards Multimodal Intraoperative Probe for Breast Cancer Diagnosis -the discussion focused on a micro-engineered silicon-based chip to elucidate the electro-thermo-mechanical properties of adjacent normal and cancerous breast tissue samples. Ultimately, integrating these modalities into a multimodal probe for effective breast cancer margin assessment. Dr. K. R. Jha, Dean Faculty of Engineering graced the event and delivered the presidential address with a note about an importance and need of hour on micro and nano engineering system devices in advanced health care technologies. Dr. Anil Bhardwaj, Head of Electronics and Communication Engineering has delivered a special address with note micro communication system. Dr. Sumeet Gupta, Faculty In-charge Examination participated in the event and interacted with the expert. Third year B.Tech Mechanical and ECE students have participated and interacted with the expert. Dr. Mir Irfan Ulaq has expressed a sincere thanks to Prof. (Dr.) Hardik J Pandya for his time and interaction with faculties and students of SMVDU and Prof. (Dr.) Pargathi Kumar, Vice Chancellor for the permission and approval to this event. The Event was coordinated by Dr. M. Eswaramoorthy and Dr. Yatheshth Anand, School of Mechanical Engineering.

Faculty/Staff Updates

Talk Delivered

SMVDU Faculty delivered Lecture in the International Webinar

Dr. Amitabh Vikram Dwivedi, Faculty, School of Languages & Literature and Nodal Officer, Hindi Cell, SMVD University, delivered a lecture on a topic, titled "How to Write an Abstract" in an International Webinar organized by Institute of Global Professionals. Participants from several countries joined this Webinar and gained academic information regarding abstract writing skills. Dr. Dwivedi is also an author & a researcher and has conducted research in Linguistics and documented several lesser-known Indo-Aryan languages. His wide experience in research helped participants in writing research paper and academic writing. Organizing Committee of International Webinar thanked Dr. Dwivedi for his informative sessions and they wished for organizing more sessions in near future.



SMVDU Faculty delivers Keynote Speech at Seminar in Madhya Pradesh

Dr. Rashi Taggar shared her insights as the keynote speaker at the ICSSR sponsored National seminar organised by Dr. Harisingh Gour Central University. The seminar, themed 'Building a Sustainable Future: Strategies for Progress and Prosperity,' was organized on March 15-16, 2024, in Sagar, Madhya Pradesh. During her address, Dr. Taggar discussed pathways toward sustainability, urging citizens to embrace responsible environmental practices and assume stewardship roles. She highlighted the importance of responsible resource consumption for the well-being of both present and future generations. This discussion resonated with over 160 paper presenters, including scholars and researchers from various colleges and universities across India. Dr. Rashi Taggar has been serving as Assistant Professor in the School of Business of Shri Mata Vaishno Devi University for the last seventeen years and has authored papers published in reputed journals and conducted sessions, representing her commitment to advancing knowledge in business management and sustainability. Dr. Taggar acknowledged the Seminar convener, Dr. Pushpa Suryavanshi of Sagar University, for organizing such significant and noble events.



Student Updates

SMVDU organised the "ANTI DRUG AWARENESS Campaign" in Collaboration with 06-BN CRPF



The Anti-drug awareness campaign was organised at SMVDU as a step to make the future generation conscious of the ill effects of drugs in youth, which was attended by more than 800 students. Welcome address was presented by NSS Coordinator, Dr. Rajiv Kumar. Various cultural performances by the students were featured during the event which included skits, dances, songs, speeches and poems on the theme. Pre-events were also organized like awareness rally, Rangoli making and Poster making contests pertaining to the theme on the days preceding the event. Prizes were also presented to the winners of these competitions. The Commandant 06-BN CRPF, Shri. Y. R. Bunker shared his insights on the vices drug addictions could bore. In his address, the Commandant sternly cautioned students against the perils of drug indulgence, emphasizing the paramount importance of prioritizing their well-being and academic pursuits over substance experimentation. Chief guest of the event, Hon'ble Vice Chancellor, Prof. Pragati Kumar graced the occasion and elucidated on the importance of being free from recreational drugs in a student's life. The event was coordinated by Dr. Varun Dutta, Dr. Rajiv Kumar and Dr. Kamaldeep. Pledge was also taken by the students of University, which was administered by NSS volunteer Sadhvi Sharma, against the Drug abuse. Registrar, SMVDU, Sh. Ajay Kumar Sharma (JKAS), Dean Student Welfare, Prof. R. K. Mishra, Dean Academic Affairs, Prof. Balbir Singh, Finance Officer, Sh. Neeraj Gupta (JKAS), Training & Placement officer, Sh. B.K. Bhatia, Second-in-Command, 06 BN CRPF, Sh. Rajpal and Sh. Rajesh Sharma were also present during the event. The event ended on a patriotic note with the euphony of the national anthem.

Vikalp organized Village Outreach Programme

Vikalp (a students' initiative to impart education to the destitute) and NSS volunteers joined forces for the first large-scale village outreach program of this semester, wherein 20 volunteers from each organization participated. Their mission was to directly engage with residents, enlighten them about Vikalp's initiatives, and address their inquiries. Departing from the Medical Aid Centre of SMVDU, the teams split into two groups, covering areas such as Sirah Colony, Sool, Kakryal, and Dheerti. One group walked towards the CRPF camp (3 km) in the direction of Domel, while the other group proceeded to the Shiv Mandir (4 km) towards Panthal. With dedication, the teams visited approximately 75 to 80



households, reinforcing Vikalp's commitment to providing quality education. Some queries raised by the residents regarding the Vikalp were proficiently dealt with by the volunteers. Notably, the enthusiasm and diligence of NSS volunteers greatly contributed to the program's success. Plans include similar outreach endeavours to further extend Vikalp's impact in the nearby areas and empower more disadvantaged students by providing them with a better future. Dr. Rajiv Kumar, Program Coordinator NSS, and Shri Sumanta Sarathi Sharma, Faculty Coordinator Vikalp, applauded the efforts of the volunteers.

NSS SMVDU organized Millet Food Promotional Event at Govt. School

NSS volunteers of SMVDU Katra organized a millet food promotional activity at Govt. Primary school in village Sool. Volunteers prepared 'Makki ki Roti', green vegetable and other food items for school students and staff members. The food was prepared with the help of firewood on chulha by the volunteers. Vice chancellor Prof. Pragati Kumar graced the occasion and also helped volunteers in food preparation. The millet based food was served with Lassi and Gur (jaggery). NSS volunteer Sadhvi Sharma briefed school students about benefits of millet foods in their diet. Cultural performances by school students and NSS volunteers were also there including dogri song and dance. Volunteers also played indigenous games with school students. NSS Programme Coordinator, Dr. Rajiv Kumar and staff member Mr. Avdhesh Gupta organized the event with the help of volunteers. NSS coordinator also thanked school authorities including incharge Mr. Romesh Chand, Mrs. Mamta Sharma and Mrs. Anju Anand for the support in organizing the event. NSS student coordinators Sadhvi Sharma and Abhishek Sharma led the whole event successfully. Vice Chancellor, Prof. Pragati Kumar appreciated the efforts of NSS team and also promised to donate laptop and cardboard based puzzle games to school.



NSS SMVDU collaborated with Aanganwadi Centre for Ayushman Card Awareness

NSS unit of SMVDU Katra organized an awareness program on Ayushman card in collaboration with Aanganwadi centre of Sirah-Kotla panchayat. The door-to-door awareness program was organized in Kakryal village under Sirah-Kotla panchayat with ASHA (Accredited Social Health Activist) workers of the Anganwadi centre. The details of the program were briefed by Dr. Prakriti heading community health centre of the area. Volunteers briefed villagers about the benefits of Ayushman card and its new features like patient history are now available online. Volunteers also distributed fruits to small children of the village during the campaign. Around 40 NSS volunteers actively participated in the said drive. NSS student coordinator, Sadhvi Sharma led the event successfully. The campaign lasted for around 2 hours. NSS Co-



ordinator, Dr. Rajiv Kumar was also present during the said drive in the village. Vice Chancellor, Prof. Pragati Kumar appreciated the efforts of the NSS team for organizing the program and collaborating with the local health centre.

NSS SMVDU volunteers participated in National Integration Camp at Haryana



NSS volunteers of SMVDU participated in week long 'National Integration Camp' recently held at M.M PG, Fatehabad, Haryana. NSS SMVDU volunteers Akankshya Dash and Sourabh Salaria represented Jammu and Kashmir contingent in this national level event. The National Integration Camp (NIC) is organized every year and the duration of each camp is of 7 days with day-night boarding & lodging. ONLY two NSS volunteers (01 girl and 01 boy) from each University are allowed in these camps. These camps are held in different parts of the country. Each camp involves 200 NSS volunteers to undertake the scheduled activities. During the camp, they were a part of various activities like Yoga, Drug Awareness, Mera Vote Mera Adhikar rally, slogan writing competitions etc. and they also got to attend various guest lectures from known entities. They represented the culture of Jammu and Kashmir during the cultural events through dance, music, poster making, speech, and act. NSS Programme Coordinator congratulated both the volunteers for attending the said camp. Vice Chancellor, Prof. Pragati Kumar appreciated the efforts of both the volunteers in bringing laurels to the University.

SMVDU Bhangra Team bags 1st Runner up Position at ANHAD '24 hosted by IIT Jammu

Bhangra Hood, the bhangra team of BCA (Board of Cultural Activities) represented Shri Mata Vaishno Devi University, Katra in Groove Troops, a competitive dance event held as part of the Annual Techno Cultural Fest, ANHAD '24, organized by IIT Jammu. The team bagged 1st Runner-up position in the event. The team was accompanied by the cultural coordinator BCA, Dr. Ankush Raina and Hostel supervisor, Suneha Sharma. The team comprising of Achint Raj, Manpreet Singh, Manmohan Singh, Sharanveer Singh, Antriksha Rathore, Stuti, Samriti Bharadwaj, and Hargun Kour showcased their dedication and exceptional talent on the stage. Bhangra Hood's success at Groove Troops marks a significant milestone in their journey. The team is motivated to continue their pursuit of excellence, aiming to showcase their talent on even grander platforms in the future. Under the leadership of Dr. Rakesh Kumar (President, BCA), Dr. Kamni Pathania (Vice-President, BCA), Dr. Ankush Raina (Coordinator, BCA) and Dr. Rahul (Coordinator, BCA) the team has excelled in their endeavours. Prof. (Dr.) Pragati Kumar, Vice Chancellor SMVDU extended the heartfelt congratulations to the team for representing SMVDU at a National Platform and stressed upon these types of participations by the students in the near future.



Paper Presented

SMVDU Student presented Paper in the International Conference

Milind Shukla, a final year student of School of Mechanical Engineering (SoME) presented a paper at ICMPIE 2024 held in Pune, Maharashtra on 11 March 2024. It was a full length paper on Intelligent Transport System. Under this topic he provides detailed research on "Study on Hyper-loop including challenges and solutions", In this research work, he was mentored by Dr. Amit Sinha, Assistant Professor, SoME. The active involvement of the student in such type of project/research underscores the university's dedication to advancing research and achieving academic excellence. This achievement not only highlights Milind Shukla's commitment but also emphasizes the high academic standards upheld by the School of Mechanical Engineering, SMVDU. This achievement reflects his dedication and the quality of his research, and serves as a testament to the rigorous academic standards and opportunities provided by the School of Mechanical Engineering at SMVDU. Milind Shukla's successful participation in ICMPIE 24 is a notable milestone in his academic journey, setting an example for future students and highlighting the University's commitment to promoting research and scholarly endeavours.



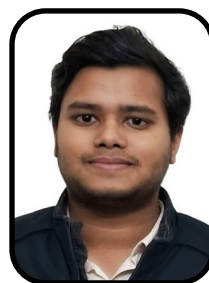
SMVDU, Student Presents a Paper at REC, Visakhapatnam

Mr. Umair Bin Farooq, a senior student from the School of Electronics and Communication (SoECE) at Shri Mata Vaishno Devi University, presented a conference paper titled "Simplified Biasing AFSS Microwave Absorber" at the Wireless, Antenna, and Microwave Symposium (WAMS) 2024 held at Raghu Engineering College, Visakhapatnam, India which was co-authored by his Project supervisor, Prof. Kumud Ranjan Jha SMVDU, and Prof. Satish K. Sharma, San Diego State University, USA. The proposed research aims to design a dual-polarized wideband active absorber with a simplified biasing arrangement. The active involvement of the UG Student in such type of project underscores the university's dedication to advancing research and achieving academic excellence. This achievement not only highlights Mr. Umair Bin Farooq's commitment but also emphasizes the high academic standards upheld by the School of Electronics and Communication Engineering at SMVDU. It serves as an inspiration for future scholars, setting a commendable example and illustrating the university's steadfast commitment to fostering research and scholarly endeavors in the field of Electronics and Communication.



SMVDU Student presented Paper in the International Conference

Milind Shukla, a final year student of the School of Mechanical Engineering (SoME) presented a paper at International Conference on Mechanical and Mechatronics Engineering (ICMME-24) held in Kathmandu, Nepal on 14th March 2024. He presented a full length paper through hybrid mode on Robotics and future technologies. In this paper, the use of robotics in present and future and its development and importance from the point of view of mechanical engineering was discussed in detail. Also, new dimensions on future technology were discussed. The chair appreciated the student for his presentation. This achievement not only highlights Milind Shukla's commitment but also emphasizes the high academic standards upheld by the School of Mechanical Engineering, SMVDU. This achievement reflects his dedication and the quality of his research, and serves as a testament to the rigorous academic standards and opportunities provided by the School of Mechanical Engineering at SMVDU. Milind Shukla's successful participation in ICMME 24 is a notable milestone in his academic journey, setting an example for future students and highlighting the University's commitment to promoting research and scholarly endeavours.



SMVDU Tech Community Stars achieved Google Cloud Certification in the "Cloud 30" Program

The "SMVDU Tech Community" proudly shares the successful achievement of seven outstanding members in obtaining the prestigious Google Cloud - Associate Cloud Engineer certification through its groundbreaking "Cloud 30" initiative. The "Cloud 30" program, a beacon of innovation within the "SMVDU Tech Community" and SMVDU itself, saw students demonstrating unwavering dedication and determination, setting a new standard for excellence in cloud computing. Throughout the program, students embraced intensive learning sessions, engaging Q&A sessions, and hands-on practical experience, showcasing their commitment to mastering cloud technology.



In a heartwarming culmination, students had the honor of meeting the Honorable Vice Chancellor, Prof. Pragati Kumar, who extended his congratulations and support, inspiring further initiatives like "Cloud 30." Dr. Manish Sabraj, Faculty Coordinator, and Jatin Sharma, EX-Lead & Founder of SMVDU Tech Community, provided unparalleled support and guidance. Current Lead and Co-founder of SMVDU Tech Community, Aman Raj, who initiated the "Cloud 30" program, spearheaded efforts to establish a strong pillar for the future, fostering a culture of tech within SMVDU. Congratulations to the "Cloud 30" Heroes – Anshul Upadhyay, Prem Aayush, Ankush Kumar Jha, Navin Kumar, Shivam Chaudhary, Ashu Kumar, and Avinash Kumar. Their hard work and perseverance have made us immensely proud, and we anticipate their bright futures in the dynamic world of cloud computing.

TARANG ignited a Spark for Electronics Enthusiasts at SMVDU

The LT-4 Hall at Shri Mata Vaishno Devi University (SMVDU), Katra, buzzed with excitement as the Introductory session of TARANG - The Electronics Society was held. This event marked a significant milestone for students passionate about the ever-evolving field of electronics. The session was graced by the presence of esteemed faculty members, Dr. Neeraj Tripathi Faculty Coordinator at TARANG, Dr. Anil Bhardwaj Head SoECE, and Dr. Vikram Singh. Their insights ignited a spirit of collaboration and innovation among the students. All three faculties of this esteemed university emphasized the importance of practical application, encouraging students to bridge the gap between theory and real-world implementation. The Head Team of TARANG consisting of Sonu, Yashwant, Aman Maurya, Akhil, Abhinav, Arnav, Anshu, Lav Kush, Deeksha, Sneha, Vanshita, and Upasana, played a pivotal role in bringing the vision of the society to life. They elucidated the society's aims, objectives, and functioning, providing a clear roadmap for aspiring members. Additionally, they shed light on the vast array of domains within electronics, highlighting the importance of teamwork and collaboration with other departments. Notably, they emphasized that TARANG is an inclusive space where individuals can develop their overall personality and



and hone valuable skills. The session unfolded in two phases, interspersed with an engaging questionnaire and crossword event that tested the students' knowledge and piqued their interest. This interactive format fostered a dynamic learning environment, allowing students to participate actively. The launch of TARANG marks a new chapter for electronics enthusiasts at SMVDU. With its focus on practical learning, collaboration, and inclusivity, the society promises to provide a platform for students to explore their passion, develop their skills, and contribute meaningfully to the ever-evolving world of technology. Special Thanks to the Head of the Electronics and Communication Department, Dr. Anil Bhardwaj for their guidance and TARANG Management Team: Arpit, Prem, Priyanshu, Krish, Hardik, Rajesh, Madhukar and Aditya Kanodia for making this event successful.

SMVD University organizes Trekking to Devi Pindi Mata Mandir



Shri Mata Vaishno Devi University embarked on a journey towards holistic student development with an exhilarating trekking event to Devi Pindi Mata Mandir near Panthal (Katra). Organized by Dr. Varun Dutta, Assistant Professor, SMVDU, Dr. Rajiv Kumar, NSS Coordinator and Mr. Gourav Jamwal, the event aimed at fostering personal growth and enhancing the overall personality of the students. The event received an enthusiastic response from the student body, with participants gearing up for an adventurous expedition amidst the picturesque landscapes of this route. Flagging off the event, Prof. Balbir Singh, Dean of Academic Affairs, extended his heartfelt wishes to the participating students. He emphasized the significance of such initiatives in nurturing a well-rounded development for the student community. Prof. Singh highlighted the importance of outdoor activities in instilling resilience, teamwork, and leadership skills among the students. During the trekking event, students had the unique opportunity to immerse themselves in the rich local culture surrounding this trek route. From interacting with villagers to experiencing their culture, the students gained invaluable insights into the vibrant cultural tapestry of the region. This experiential learning not only deepened their understanding of the local heritage but also fostered a sense of appreciation and respect for diverse cultures. Through such interactions, students not only expanded their horizons but also forged meaningful connections with the communities they encountered along the way, contributing to their holistic development and cultural awareness. Vice Chancellor, SMVDU, Prof. (Dr.) Pragati Kumar expressed heartfelt appreciation for the dedicated efforts put in by the organizing team in orchestrating such a remarkable event. He lauded their commitment to providing students with enriching experiences beyond the confines of the classroom, emphasizing the importance of such initiatives in fostering holistic development. With the successful culmination of the trekking event, SMVD University reaffirmed its commitment to nurturing the holistic development of its students. Such initiatives not only enhance academic learning but also cultivate essential life skills that are crucial for success in the ever-evolving global landscape.

Students of SMVD University visited Air Force Station Udhampur

Students from Shri Mata Vaishno Devi University (SMVDU) embarked on an enlightening journey to the Air Force Station, Udhampur, where they were treated to a first-hand glimpse into the operations of the Indian Air Force. Organised by Mr. B. K. Bhatia, Training & Placement Officer, SMVDU and Dr. Varun Dutta, Assistant Professor at SMVDU, the visit provided students with an unparalleled opportunity to interact with Air Force personnel and witness the marvels of aviation up close. Students were also engaged in insightful interactions with Air Force personnel, delving into discussions about the roles and responsibilities of those serving in the Air Force. From learning about the intricacies of flight operations to understanding the rigorous training undergone by Air Force pilots, students gained invaluable insights into the life and work of these dedicated individuals. In addition to this, they had the privilege of interacting with the Garud Commandos, the specialized force of the Indian Air Force trained for special operations. As they engaged in discussions with these highly skilled personnel, students gained a deeper understanding of the rigorous training and unparalleled dedication required to serve in such a specialized unit. Vice Chancellor, Prof. (Dr.) Pragati Kumar expressed his appreciation for the efforts of the organizing team in orchestrating such a memorable visit. Recognizing the significance of experiential learning opportunities, Prof. Kumar emphasized the importance of initiatives that broaden students' horizons beyond traditional classroom settings. The visit to the Air Force Station, Udhampur served not only as a source of inspiration but also as a testament to SMVDU's commitment to providing holistic education. By fostering interactions between academia and real-world practitioners, SMVDU continues to equip its students with the knowledge and skills necessary to excel in their future endeavors.

SMVDU, School of Biotechnology organized an Educational Trip to SKUAST, Kashmir.



An educational trip was organized by the School of Biotechnology, Shri Mata Vaishno Devi University, Katra for the undergraduate and post graduate students pursuing Biotechnology, at Sher-e-Kashmir University of Agricultural Sciences and Technology, Kashmir. The students had the opportunity to explore the ongoing research as well as field work and were provided with a comprehensive knowledge of the recent research endeavors in the institute. The students visited various departments of the institute including the division of plant biotechnology, Nutritional genomics & proteomics, Cell culture, Transcriptomics lab, Horticulture, Floriculture as well as and various crop fields. Students were provided with valuable insights into the intricate workings and use of various instruments present in the labs and were

made aware of the research done in these labs. The students and the faculty also had an opportunity to interact with various faculty members of the institutes who made them aware about the polyhouses for plant breeding, production, seed germination etc. The visit was an outcome of the coordinated efforts of Prof. Shabir Ahmad Wani, Dean Faculty of Horticulture, SKUAST Kashmir and Dr. Indu Bhushan, Assistant Professor & Coordinator of the educational visit for SoBT along with Dr. Ratna Chandra, Head of the School of Biotechnology from SMVDU. The other faculty member accompanying the students included Er. Arvind Kumar Yadav, Assistant Professor, School of Biotechnology. Professor Noshin, Faculty of Horticulture, describes about the various varieties of apple and Kiwi grown in Kashmir, imparted from various countries of Europe. She has also given the Introduction of Deno blocks and informed how they were able to enhance the yield of fruit and vegetables. They attained 10 times enhancement of yield compared to the traditional methods. The visit was also conducted in the department of Plant Biotechnology, where Professor Muhammad Ashraf Bhat, highlighted the ongoing projects in the department and briefed about the Magic food, Taxo food Iron flux and green nanotechnology. The Hon'ble Vice Chancellor of Shri Mata Vaishno Devi University, Prof. Pragati Kumar, expressed satisfaction with the efforts of the faculty of the School of Biotechnology towards the overall grooming and development of their students as able professionals. He laid stress on organizing more such visits to add to the practical and firsthand experience of the students at SMVDU.

ECE Students of SMVDU gain Valuable Insights on Semiconductor Technology and Defence Testing Procedures during Industrial Visit



A group of 28 Electronics and Communication Engineering (ECE) students from the 2021 batch of Shri Mata Vaishno Devi University (SMVDU) recently concluded a comprehensive industrial visit to Semiconductor Laboratory (SCL) Mohali and DRDO TBRL Chandigarh. This enlightening visit provided the students with a unique opportunity to delve into the intricate world of semiconductor technology and critical defense testing procedures. At SCL Mohali, the students immersed themselves in the detailed workings of the Semiconductor Laboratory, gaining invaluable insights into the various stages of IC and MEMS device fabrication and testing. The visit to DRDO TBRL Chandigarh further expanded the students' understanding by showcasing the diverse departments responsible for the various critical technologies developed by ISRO and other DRDO labs. This exposure ignited a passion for contributing to the nation's technical progress, the visit's significant highlight was the guidance provided on securing internship and job opportunities within these prestigious organizations. This empowered the students to navigate their career paths effectively and contribute meaningfully to India's technical development. The students returned from the industrial visit brimming with newfound knowledge and motivation, acknowledging the insightful organization by Dr. Vikram Singh and Dr. Neeraj Tripathi, which made the experience truly enriching.

Annual Cultural and Literary Fest RESURGENCE 2024 inaugurated at SMVDU

The inaugural function of SMVDU's cultural and literary fest Resurgence 2024 was a grand celebration of talent, culture, and academia, marked by esteemed guests and captivating performances. Dr. Kamni Pathania, Vice President of the Board of Cultural Activities, in her welcome address, extended a cordial welcome to all attendees, emphasizing the importance of cultural exchange and artistic expression in academic life. Professor Pragati Kumar, Vice Chancellor of SMVDU graced the occasion with his presence, delivering an insightful address. Prof. Kumar emphasized the integral role of cultural activities in holistic education and the university's commitment to fostering creativity and innovation among its students. The Chief Guest, Squadron Leader, Anil Sehgal, delivered an inspiring address, highlighting the role of cultural activities in shaping well-rounded individuals and fostering unity in diversity. Eminent Singer, Smt. Seema Sehgal, honored as the Guest of Honor, shared her insights on the power of music as a universal language that transcends boundaries. Dr. Shah Nawaz, Editor cum Cultural Officer, JAKAACL graced the occasion as a Special Guest, emphasizing the significance of promoting cultural heritage in academic institutions. The event showcased the rich cultural tapestry of the region with a mesmerizing performance of the Geetru folk dance by Ram Ditta and party, sponsored by JAKAACL, captivating the audience with its rhythmic movements and vibrant costumes. Additionally, students from various departments enthralled the audience with their diverse cultural performances, showcasing their talents in music, dance, and theatre. Resurgence 2024 also witnessed the Inter College Events which was an energetic celebration of culture traditions and talent. GCW Udampur, GDC Kathua, and SMVDU students had a great competition in the folk dance competition, and then the amazing battle of bands! An inter-college Hindi Debate Competition was also organized for students under "Does Social Media Strengthen or Weaken Democracy". RJ Chaitanya from Radio Mirchi, Dr. Ruchi Shah, and Dr. Satish Tiwari judged the inter-college competition. Dr. Rakesh Thusoo, President of the Board of Cultural Activities, delivered the vote of thanks



SMVDU Sports Teams shine at Goonj 2024

Shri Mata Vaishno Devi University secured an overall third position among more than 10 participating institutions in Sports events held at the "Goonj 2024" hosted by the University of Jammu on 19th -20th March, 2024. SMVDU women football team stood first in the sports event whereas the volleyball men team won the third position. The event saw university teams participating in football, volleyball, basketball, kho-kho and kabaddi. The other sports teams of university also displayed appreciable performance in the tournament. The teams were accompanied by the Sports coaches of the university Mr. Sumit Sharma and Mr. Balbir Singh. Prof. (Dr.) Pragati Kumar, Vice Chancellor, SMVDU congratulated the winning teams for bringing laurels to the university. Vice chancellor appreciated the efforts of the Sports Wing headed by Dr. Parvez Singh Slathia and encouraged to participate in such events for showcasing the talent of university students.

