



BITS Pilani
Pilani Campus

Semester-I notes 2025-26

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Pilani Campus

INDIA RANKINGS 2025

Ranking of Higher Educational Institutions



EDITOR'S INSIGHT

The latest edition of our college magazine stands as a vibrant chronicle of BITS Pilani's dynamic semester, capturing moments that blend tradition, achievement, and youthful energy. From the solemn grandeur of Independence Day celebrations to the proud jubilations of BOSM, BITS celebrates the institution's spirit of honoring heritage while embracing progress.

This semester was marked by global engagement, with the successful organization of international conferences, reinforcing BITS Pilani's stature as a hub of intellectual exchange. Equally inspiring was the recognition at the Annual National Water Awards, where the institute was conferred Second Rank, a testament to its commitment to sustainability and innovation. The Management Development Program for Indian Army Officers further highlighted the university's role in nation-building through knowledge and leadership.

The magazine also celebrates milestones closer to home: the 47th edition of INTERFACE, the flagship festival of the Department of Management, showcased creativity and managerial acumen. The remarkable rise in NIRF 2025 Rankings reaffirmed BITS Pilani's academic excellence, while the cultural extravaganza of OASIS brought together students in a dazzling celebration of art, music, and camaraderie.

Together, these stories weave a narrative of resilience, achievement, and joy. This edition is not merely a record of events—it is a reflection of the collective spirit that defines BITS Pilani: a community that celebrates, innovates, and inspires.

Prof. Gajendra Singh Chauhan

Faculty In-charge, Publications and Media Relations



BITS Pilani received two national recognitions at the CII Global Innovation & IP Summit 2025, December 26, 2025

BITS Pilani received two national recognitions at the CII Global Innovation & IP Summit 2025, New Delhi. The Institute won the “Best Patent Portfolio (2020–2025) – Second Runner-Up” award in the Academic Institutions – Private Universities category, placing it among the Top 30 IP-driven organizations in India. The award was received on behalf of BITS Pilani by Prof. Sudhirkumar Barai, Director, BITS Pilani, Pilani Campus, along with Prof. Deepak Chitkara, Prof. Swati Alok, and Mr. Rajneesh Kumar.

The Institute was also conferred the CII Women in STEM Award, received by Prof. Sudhirkumar Barai, Director, along with Prof. Meenal Kowshik and Prof. Jayashree Mahesh, recognising BITS Pilani’s efforts to advance women’s participation and leadership in STEM

- National recognition for BITS Pilani



BITS Pilani receives USD 1 million endowment for female scholarships and innovation from its alumni Prof. Brij Bhushan and Mrs. Champa Bhushan, December 18, 2025

The endowment was contributed by distinguished alumnus Prof. Brij Bhushan (1960 batch) and his wife Mrs. Champa Bhushan, a BITS Pilani alumna with a Master’s degree in Electrical Engineering (1966), to support female scholarships and faculty-guided innovation.

Established by Prof. Bhushan, founder of Reston Consulting Group, Inc. (RCG), the endowment aims to empower female students and promote innovative, faculty-guided solutions to real-world challenges.

Prof. V Ramgopal Rao, Group Vice-Chancellor, BITS Pilani, acknowledged their long-standing association with the Institute, while Prof. Bhushan noted that the endowment fulfils a long-held aspiration to support student welfare.

Building on two merit-cum-need scholarships instituted in 2009, the endowment will further support meritorious students and strengthen innovation at BITS Pilani.

- Alumni endow scholarship support



Birla Institute of Technology and Science, Pilani has received the CII Industry-Academia Partnership 2025

Birla Institute of Technology and Science, Pilani has received the CII Industry-Academia Partnership 2025 – Grand Jury Winner (Academia – Private Category) at the 2nd edition of the CII IAP (CII Global Summit on Industry–Academia Partnership 2025) held in New Delhi, December 5, 2025. The event featured Dr Jitendra Singh, Hon’ble Union Minister, as the Chief Guest.

Prof. V. Ramgopal Rao, Group Vice-Chancellor, BITS Pilani, participated as a Co-Chair and Speaker. Mr. Dilip Gaur, Director, Aditya Birla Group and Board of Governors – BITS Pilani, BITSOM, BITS Law, and BITS Design, and Prof. Mohan Krishnamoorthy contributed as Panelists.

The award was received by Prof. Annapoorna Gopal, Institute-wide Dean, Practice School, and Prof. Mohan Krishnamoorthy, Director (IRIS), BITS Pilani. This year’s Summit spotlighted the theme “Industry–Academia Partnership,” bringing together

thought leaders to discuss collaborative innovation, research translation, talent development, and future-ready skills ecosystems. The event brought together over 1000 participants and more than 30 speakers from diverse sectors.

- CII partnership award win



BITS Pilani Transfers Three Cutting-Edge Bio-Pharmaceutical Technologies to Zernyx Innovations Pvt. Ltd.

BITS Pilani marked a significant milestone in its innovation-to-market journey on 2 December 2025 by transferring three advanced biopharmaceutical technologies to Zernyx Innovations Pvt. Ltd. Founded by Prof. Deepak Chitkara and Mr. Ajay Patel, the company aims to bridge the gap between academic research and real-world applications. The transferred technologies—Novel Functionalized Cholesterol-Based Molecules, Lipid-Polymer Hybrid Nanoplexes Delivery System, and CRISPR/CAS9 Ribonucleoprotein Lipopolymeric Nanoplexes—represent years of pioneering research in drug delivery, biomolecular engineering, and therapeutic innovation, positioning BITS Pilani at the forefront of translational biotherapeutics.

Prof. Deepak Chitkara emphasized the societal importance of translational research, noting that science achieves its true purpose only when it benefits society. He highlighted Zernyx Innovations' mission to bridge the "valley of death" by advancing technologies from early-stage development to higher readiness levels. Prof. Rajeev Taliyan, Head of the Department of Pharmacy, underscored the department's strong focus on impactful research, while Prof. Sudhirkumar Barai, Director, BITS Pilani, Pilani campus highlighted the importance of integrating academic research with industry applications. He also emphasized the strategic role of PhD programs in preparing students for industry-oriented

pharmaceutical careers, contributing to the Institute's vision of building an intellectual powerhouse.

Col. Soumyabrata Chakraborty (Retd.), Registrar, appreciated the initiative of establishing a startup to accelerate technology adoption and expressed confidence in the rapid advancement of these technologies. Mr. Rajneesh Kumar, Head of Technology Transfer, announced the restructuring of the Technology Transfer Office into a Section 8 company, FACTT (Foundation for Advisory, Consultancy, and Technology Transfer), to strengthen industry collaboration. Organized by the Technology Transfer Office and the DST-supported Technology Enabling Centre, the event reinforced BITS Pilani's commitment to driving innovation, fostering entrepreneurship, and translating cutting-edge research into meaningful societal impact.

- Technology transfer milestone



BITS-TEC hosts Innovation Bootcamp at Mody University

BITS-Technology Enabling Centre (BITS-TEC), BITS Pilani, conducted an Innovation Bootcamp at Mody University (MUST) on 28 November 2025, focusing on IPR, technology commercialization, and venture creation.

- Innovation bootcamp at Mody



Supported by DST and coordinated by the Institution's Innovation Council (IIC), the program engaged 80+ students, researchers, and faculty. The event was inaugurated by Prof. (Dr.) Ashutosh Bhardwaj, Mr. Sanjeev Kumar Agarwal, Prof. (Dr.) Vinod Purohit, and Dr. B. S. Rathore. Sessions by Mr. Rajneesh Kumar and Prof. Deepak Chitkara offered practical insights on IP, tech transfer, and research-led entrepreneurship. The bootcamp concluded with a shared

commitment to strengthening IP culture and supporting the Mody University community in shaping ideas into tangible outcomes.

BITS Pilani Hosts 10th International Conference on PLMSS 2025

BITS Pilani, Pilani Campus, hosted the 10th International Conference on Product Lifecycle Modeling, Simulation and Synthesis (PLMSS 2025) from November 26–28, 2025, organized by the Department of Mechanical Engineering in collaboration with WILP and CSIR-CEERI Pilani. This year's theme, "Digital Twin and Circular Economy for a Greener Future," highlighted sustainable innovation in product lifecycle management. The inaugural ceremony on November 26 at the J.C. Chaudhry (NAB) Auditorium featured distinguished guests including Prof. V. Ramgopal Rao (Group VC), Prof. S. K. Barai (Director, Pilani Campus), Dr. Abhay A. Pashilkar (Director, CSIR-NAL – Chief Guest), and Dr. Robert Rencher (The Boeing Company, USA – Guest of Honour).

The event commenced with a welcome by Prof. Radha Raman Mishra, followed by an introduction of the dignitaries. Prof. Srikanta Routroy presented an overview of PLMSS 2025 and key departmental activities. Also present were Prof. N.V.M Rao (Dean, Administration), Prof. Shamsheer Bahadur Singh (Dean, Infrastructure & Planning), and Col. Soumyabrata Chakraborty (Retd.) (Registrar), alongside academicians and industry professionals from around the world. Prof. Arun Kumar Jalan noted that PLMSS 2025 represents a significant step in strengthening India's product development and simulation ecosystem.

- PLMSS 2025 dignitaries on stage



Industry–Academia Meet on “Bridging the Valley in Healthcare Innovation and Social Impact”

BITS Pilani hosted an Industry–Academia Meet on “Bridging the Valley in Healthcare Innovation and Social Impact” on 26 November 2025, organized by the Department of Pharmacy in collaboration with the BITS Technology Enabling Centre and the Institution's Innovation Council. The event brought together experts from academia, industry, and research to discuss advancements in the pharmaceutical sector and strategies for translating innovation into impactful healthcare solutions. The inaugural ceremony at the J.C. Chaudhary NAB Auditorium featured distinguished speakers including Dr.

Virendra Tripathi (Chairman, VCA Healthcare), Prof. Badri Nagori (Co-founder, Satori OCS & FPCR), Mr. Chander Singh Bohara (Deputy General Manager, Sun Pharma), Dr. Rohit Chakravarty (Research Manager, Sun Pharma), and Dr. Arti Thakkar (Associate Director, PumasAI Inc., USA). The session was graced by Col. Soumyabrata Chakraborty, Registrar, and Prof. N.V.M. Rao, Dean (Administration), while Prof. Rajeev Taliyan highlighted the department's 75-year legacy and achievements.

In their addresses, Dr. Rohit Chakravarty and Mr. Chander Singh Bohara emphasized the importance of research-driven innovation and discussed the challenges of translating academic discoveries into industry-ready pharmaceutical solutions. Their insights highlighted the gap between academia and industry, focusing on scalability, regulatory pathways, and the need for collaboration. The event also featured oral and poster presentations, along with expert talks on technology transfer, formulation development, and industry-academia partnerships aimed at accelerating healthcare innovation.

The meet concluded with the presentation of Best Poster and Best Oral Presentation awards, recognizing outstanding contributions by participants. The event successfully fostered collaboration, knowledge exchange, and practical insights, laying a strong foundation for future partnerships in healthcare innovation and social impact. The program concluded with a valedictory session and a vote of thanks delivered by Prof. S. Murugesan.

- Industry–academia meet highlights



BITS Pilani Hosts 32nd National Conference on Liquid Crystals (NCLC-2025) and India Display Workshop

BITS Pilani hosted the 32nd National Conference on Liquid Crystals (NCLC-2025) from November 20–22, 2025, organized by its Department of Physics in association with the Indian Liquid Crystal Society. The conference brought together leading scientists, academicians, and researchers from India and abroad to discuss advancements in liquid crystals, soft matter, and emerging display technologies. As a pre-conference event, the India Display Workshop was held on November 19, 2025, at CSIR–Central Electronics Engineering Research Institute, jointly hosted by BITS Pilani and CEERI, featuring renowned experts such as Prof. Ian Underwood, Prof. Ioannis (John) Kymissis, and Prof. Abhishek Kumar Srivastava.

The conference was inaugurated in the presence of distinguished dignitaries including Prof. N.V.M. Rao, Dean (Administration), BITS Pilani; Prof. K.A. Suresh (RRI Bengaluru); Prof. Ravindra Dhar, President of ILCS; Prof. Raj Kumar Gupta, Convenor of NCLC-2025; Prof. Manjuladevi, Head of the Physics Department; and Prof. P.C. Pancharia, Director of CEERI. NCLC-2025 featured around 40 plenary, invited, and oral lectures, with international speakers such as Prof. Kristiaan Neyts, Prof. J.K. Vij, and Prof. Dharmendra P. Singh, alongside eminent Indian researchers including Prof. Sandeep Kumar, Prof. C.V. Yelamaggad, Prof. S.K. Pal, and Prof. Achalkumar.

The conference witnessed active participation through 64 poster presentations and 10 flash talks by early-career researchers. Supported by organizations like ANRF, CSIR, and BIS, the event also recognized excellence through multiple awards. The Royal Society of Chemistry presented Soft Matter Prizes, while Flash Talk Awards were conferred on Dr. Sayani Das, Dr. Praveen Kumar Singh, and Dr. Vanishree Bhat. Poster Awards were distributed across various categories, and the DJNA Awards by ILCS were presented to Abhishek Kumar and Priyanka Priyadarshani Samal. The awards were given by Prof. Sudhir Kumar Barai, Director, BITS Pilani, Pilani campus during the valedictory ceremony, where Prof. Ravindra Dhar summarized the conference and Prof. Raj Kumar Gupta expressed gratitude to all contributors for making the event a success.

- NCLC 2025 at BITS



BITS Pilani Conferred Second Rank at 6th National Water Awards, 2024

BITS Pilani has been awarded Second Rank (Joint Winner) in the Best Institution – Other than School & College Inside-Campus category at the 6th National Water Awards, 2024, presented by the Ministry of Jal Shakti. Prof. Sudhir Kumar Barai, Director, Pilani Campus, and Col. Soumyabrata Chakraborty, Registrar, received the award on behalf of the institute.

The ceremony was held on 18 November 2025 at Vigyan Bhawan, New Delhi, in the presence of Hon'ble President Smt. Droupadi Murmu, Hon'ble Minister of Jal Shakti Shri C R Paatil, Hon'ble Minister of State for Jal Shakti & Railways Shri V. Somanna, and Hon'ble Minister of State for Jal Shakti Shri

Raj Bhushan Choudhary. This recognition underscores BITS Pilani's commitment to sustainable water management and environmental stewardship.

- National Water Award honour



College Science students outreach activity by Indian National Young Academy of Sciences (INIAS) and BITS Pilani

BITS Pilani, in collaboration with Indian National Young Academy of Sciences, organized the inaugural ceremony of the outreach program INSPIRE at the Lecture Theater Complex, Pilani campus, November, 2025. The event brought together eminent academicians including Prof. Sudhir Kumar Barai, Prof. Rajendra S. Dhaka (Indian Institute of Technology Delhi and former INIAS Chairperson), Dr. Devendra Basera, Dr. Anuj Jakhar (Indian Institute of Technology Madras), Prof. N.V.M. Rao, Dr. Ashish Tiwari, and Dr. Rahul Kumar, along with faculty members, resource persons, and students from various colleges.

- INIAS outreach at BITS



Addressing the gathering, Prof. Barai highlighted the importance of science, psychology, and innovation in shaping an individual's growth, emphasizing their role even in everyday life. Prof. Dhaka shared insights about INIAS and its outreach initiatives, focusing on spreading awareness of science education, especially in remote regions. Dr. Ashish Tiwari introduced the Department of Mathematics and showcased its achievements, inspiring participants to explore opportunities in the field.

The program witnessed enthusiastic participation from over 190 students representing colleges from Pilani, Chirawa, and Jhunjhunu. The initiative served as a valuable platform for young learners to engage with scientific ideas, interact with experts, and develop a deeper interest in research and innovation.

Prof. B.M. Mithal Memorial Lecture

The Prof. B.M. Mithal Memorial Lecture was held on October 25, 2025, at BITS Pilani, Pilani Campus, as a tribute to the distinguished teacher, educationist, and visionary. Organized annually since 2001 by the Department of Pharmacy in association with the Prof. B.M. Mithal Endowment Trust, the event began with a traditional Saraswati Vandana, lamp lighting, and floral tribute to Prof. Mithal, symbolizing reverence for knowledge and his enduring legacy. The ceremony was graced by Prof. Sudhir Kumar Barai, Prof. N.V.M. Rao, and Col. Soumyabrata Chakraborty, while Prof. Rajeev Taliyan highlighted Prof. Mithal's contributions and introduced the keynote speaker Prof. (Dr.) Vibhu Sahani.

Prof. Sahani delivered the memorial lecture on "Research, Innovation and Entrepreneurship – BITSians' Success Story", sharing valuable insights from his entrepreneurial journey. The event also honoured meritorious students with the Prof. B.M. Mithal Memorial Gold Medal for Best B.Pharm graduates—Debojita Saha, Kothekar Ameya Kirankumar, and Riti Chatterjee—and the CNVHB Gupta Memorial Gold Medal for Best M.Pharm graduates—Akanksha Kadam, Apurva Sandip Sagade, and Yeolekar Sanskruti. The program concluded with a vote of thanks, marking a fitting tribute to Prof. Mithal's lasting impact on pharmacy education and research.

- Prof. Mithal memorial lecture



Indo-French Workshop on Cancer Mechanobiology and Microfluidics

BITS Pilani jointly organized and participated with ENS Paris-Saclay, France, in the Indo-French Workshop on "Mechanobiology of Circulating Tumor Cells and Microfluidics: A New Frontier for Cancer Research" held at ENS Paris-Saclay during **October 21–23, 2025**. The workshop, coordinated by Prof. Abdel El Abed (ENS Paris-Saclay) and Prof. Suvanjan Bhattacharyya (BITS Pilani, Pilani Campus), with support from IFCPAR/CEFIPRA, brought together researchers from India and France to explore how mechanobiology and microfluidic technologies can transform the future of cancer diagnostics and treatment.

Over 22 expert talks were presented, highlighting how studying circulating tumor cells (CTCs) at the single-cell level can provide new insights into cancer metastasis and innovative therapeutic strategies. The workshop exemplifies

how collaboration between nations through knowledge and innovation advances progress from research to global excellence.

- Indo-French cancer research workshop



BITS Pilani & CentraleSupélec | Two Nations, One Vision

BITS Pilani and CentraleSupélec signed a Memorandum of Understanding (MoU), formalized by Prof. V Ramgopal Rao, Group Vice-Chancellor, BITS Pilani, and Mr. Romain Soubeyran, Director, CentraleSupélec. The ceremony was attended by Prof. Ajit Pratap Singh, Dean, Admissions & Student Financial Aid (DASFA), and Prof. Srikanth Mutnuri, Dean, International Programmes and Collaboration Division, October 2025.

- International academic collaboration



The partnership will launch a 2+2 Dual Degree Programme in Computer Science and Artificial Intelligence, combining academic excellence, innovation, and global exposure. The signing followed a productive two-day meeting between the two institutions. The BITS Pilani delegation expressed sincere thanks to the CentraleSupélec team, including Prof. Romain Soubeyran (Director General) and Prof. Didier Clouteau, for their exceptional hospitality at CentraleSupélec, Université Paris-Saclay.

Key Highlights:

- Two years at BITS Pilani and two years at CentraleSupélec
- Dual degrees from both institutions
- Jointly designed global curriculum
- Faculty and research collaborations

The Future: BITS Pilani is enthusiastic about building a strong, long-term collaboration with CentraleSupélec and looks forward to impactful outcomes from this partnership.

Bridging the Battlefield and the Digital Frontier

Birla Institute of Technology and Science, Pilani, launched Cohort 1 of the Management Development Program (MDP) on Emerging Trends & Technologies for Indian Army Officers, covering AI, ML, Blockchain, IoT & more, October 2025.

- Technology programme for officers



Led by Prof. Jagat Sesh Challa, Prof. Avinash Gautam, Prof. Ashutosh Bhatia, Prof. Meetha V Shenoy, Prof. Vinay Chamola & Prof. Shubhajit Roy Choudhary (IIT Mandi), the program was inaugurated by Prof. Sudhir Kumar V Barai, Director, BITS Pilani, Col. Soumyabrata Chakraborty, Prof. Navneet Goyal & Prof. Yashvardhan Sharma, and concluded with a vote of thanks by Prof. Avinash Gautam.

BITS Pilani's 5G Lab Among India's Top 3, Strengthening the Nation's Digital Innovation Ecosystem, October 2025

The Department of Telecommunications (DoT), Government of India, has awarded a Certificate of Appreciation to the 5G Use Case Lab BITS Pilani Lab for its outstanding performance under the 5G Use Case Lab Gradation Framework.

- BITS 5G lab recognized



The award was presented at IMC 2025 by Dr. Pemmasani Chandrashekhar, Minister of State for Communications and Rural Development, and Dr. Neeraj Mittal, Secretary, DoT. Dr. Sandeep Joshi received the award on behalf of the institute. This recognition celebrates innovation that unites India and drives the future of 5G research.

Recognition for Vision, Innovation, and Excellence, October 6, 2025

Prof. V Ramgopal Rao, Group Vice-Chancellor, BITS Pilani, has been honoured with the 'Personality of the Year' award at the FICCI Higher Education Excellence Awards 2025, New Delhi, recognising his transformative leadership and contributions to higher education.

The award was received on his behalf by Mr. Rajiv Tandon, CEO, BITS Pilani Digital, in the presence of Shri Nitin Gadkari, Minister of Road Transport and Highways, Government of India, along with other eminent dignitaries.

BITS Pilani was also conferred the 'University of the Year – Established (Private)' award, reflecting its commitment to innovation, academic excellence, and impactful institution building. The award was received by Mr. Akhil Pruthi, Head – Institutional Knowledge Analysis Cell, on behalf of the institute.

- Award for leadership excellence



Awards that Speak of Vision, Innovation, and Excellence

Congratulations to Prof. V. Ramgopal Rao, Group Vice-Chancellor, BITS Pilani, on receiving the C.M. Nagaraj Award for Excellence in Academic Leadership – 2025 in Bengaluru on October 6, 2025. The award recognizes his exemplary leadership in academia and outstanding contributions to institutional excellence and innovation. The ceremony was graced by Padma Vibhushan Dr. Vasudev K. Aatre (Chief Guest, former Scientific Advisor to Raksha Mantri and ex-Head of DRDO) and Guests of Honour Prof. H.P. Khincha (former Vice-Chancellor, VTU–Belagavi) and Dr. K.N. Balasubramanya Murthy (Founding Vice-Chancellor, PES

University). This recognition reflects Prof. Rao's unwavering commitment to academic excellence, innovation, and institutional growth.

- Award for academic excellence



BITS Pilani Launches Certification Course on Revit and CUBE in Collaboration with Techtur

The Department of Civil Engineering, BITS Pilani, inaugurated a Certification Course on "An Introduction to Revit and CUBE" in partnership with Techtur, a leading BIM consultancy firm, September 2025. The workshop received an overwhelming response with over 200 student registrations, reflecting the growing interest in digital construction technologies. Prof. Dipendu Bhunia, Head of the Department, welcomed the participants and emphasized the importance of bridging the gap between academics and industry, noting that the course would provide hands-on skills in BIM, estimation, scheduling, and digital construction tools.

- Certification course inauguration



Director Prof. Sudhirkumar Barai lauded the initiative and highlighted the contribution of Mr. Viraj Voditel, Founder and CEO of Techtur and a proud BITSIAN, for bringing his industry expertise back to his alma mater. Mr. Voditel expressed his delight at returning to BITS Pilani and stressed the value of practical, project-based learning. He outlined that the course would extend across seven technical sessions until October 15, 2025, providing students with exposure to real-world projects and preparing them with industry-ready skills for the construction sector.

This collaboration marks a significant step in enhancing industry-academia engagement, equipping BITS students with modern digital construction competencies while strengthening the connection between theoretical learning and practical application in the engineering field.

BITS Pilani and RUVAS Join Hands to Advance Research and Innovation in Animal Sciences

Birla Institute of Technology and Science (BITS Pilani) and Rajasthan University of Veterinary and Animal Sciences (RUVAS), Jobner signed a Memorandum of Understanding (MoU) to foster interdisciplinary research in animal sciences, September 2025. The ceremony, held at BITS Pilani, was facilitated by the BITS Technology Enabling Centre (BITS-TEC) and included leaders from both institutions: Prof. V. Ramgopal Rao (Vice Chancellor, BITS Pilani), Prof. Tribhuvan Sharma (Vice Chancellor, RUVAS), Prof. Sudhirkumar Barai, Col. Soumyabrata Chakraborty, Prof. Balwant Natthuji Meshram, and other senior members.

- Research partnership in animal sciences



The event featured presentations on BITS Pilani's research ecosystem, including the Central Animal Facility and ongoing infrastructure developments supporting biomedical and pharmaceutical research. Delegates also explored connections between veterinary sciences and pharmacy, emphasizing hands-on learning, practical research, and societal impact. Discussions focused on joint research projects, skill development initiatives, modernizing veterinary equipment, and innovative solutions for farmers.

The Teaching Learning Centre (TLC), represented by Prof. Shibani Khanra Jha, highlighted faculty development programs such as the Intensive Teaching Workshop (ITW) and international conferences like ICON BITS, opening further collaboration opportunities in pedagogy and training. Both institutions committed to regular engagement, joint PhD supervision, and multi-institutional research programs, combining BITS Pilani's strengths in technology, pharmacy, and entrepreneurship with RUVAS' veterinary expertise.

The MoU marks the start of a forward-looking partnership aimed at translating ideas into impactful initiatives for students, farmers, and society, positioning Rajasthan as a hub for innovation in animal sciences.

BITS Pilani Excels at T-SATS 2025

BITS Pilani proudly showcased its research excellence at the Tri Services Academia Technology Symposium (T-SATS) 2025, held on September 22–23, 2025, at the Manekshaw Centre, New Delhi. As India's inaugural defence-academia collaboration event, the symposium brought together

participants from 62 leading institutions to strengthen a unified Defence Services–Academia R&D ecosystem. Coordinated by the Centre for Research Excellence in National Security (CRENS) under Prof. MRM Babu, BITS Pilani actively contributed through proposal submissions and participation in the technology exhibition.

- Research excellence at T-SATS



A proposal by AstroDeus on AI-Powered Loitering Munition with Supersonic Terminal Phase – Shasak was selected among the top 6 proposals for funding by the Army Design Bureau. In the Technology Exhibition, a MEMS-based Gyroscope developed by Prof. Venkatesh K. P. Rao was ranked among the top 6 technologies. Other notable innovations included solutions in explosive detection, underwater sensor networks, and indigenous aerospace mechanisms. The winners were honoured by Raksha Rajya Mantri Shri Sanjay Seth, marking a proud achievement for the BITS Pilani community.

Desert Bloom 3.0 – Rajasthan’s Largest MSME Summit

The third edition of Desert Bloom – MSME Summit was held on September 13, 2025, at the Constitution Club, Jaipur, organized by BITS Technology Enabling Centre (BITS-TEC), Vivekananda Global University (VGU), SIDBI Swavalamban Chair, and RCCI. The two-day event brought together over 1,500 participants from academia, startups, industry, government, and investors, fostering collaboration and innovation across the MSME ecosystem.

- Desert Bloom 3.0 summit



This year’s theme, “Shaping Sustainable Futures through Innovation & Collaboration,” featured keynote addresses from eminent leaders including Prof. N.D. Mathur, Er. Onkar Bagaria, CA Anil Bafna, Bhanu Prakash Verma, and Dr. K.L.

Jain, along with senior representatives from MSME-DFO Jaipur and RCCI. The summit included panel discussions, masterclasses, and roundtables on topics such as Green Innovation, Healthcare 4.0, AI for Good, HR Automation, and renewable fuels, offering practical insights for MSMEs to thrive sustainably and globally.

Interactive networking sessions enabled participants to explore partnerships and scale innovations, while Dr. Deepak Chitkara emphasized that Desert Bloom is a platform where ideas meet action. With its strong participation and impactful sessions, Desert Bloom 3.0 reinforced its position as a flagship platform for MSMEs, contributing to Atmanirbhar Bharat and sustainable growth for Rajasthan and beyond.

BITS Pilani Wins IMC Gold Award 2025 for Excellence in Management Education

We are delighted to share that BITS Pilani was honoured with the IMC Gold Award for Excellence in Management Education. The award was presented by Shri Vineet Joshi, Secretary, Department of Higher Education, and received on behalf of BITS Pilani by Dr. Krishnamurthy Bindumadhavan, alongside distinguished academic and industry leaders, at the 15th Indian Management Conclave (IMC) 2025, hosted by IIFT on September 25–26, 2025.

- IMC Gold Award honour



The Conclave featured inspiring addresses and discussions shaping the future of management education. Key highlights included the inaugural address by AICTE Chairman Shri Sitharam T.G, the valedictory address by Shri Vineet Joshi, and the launch of the IMC Survey on Generative AI in Indian B-Schools 2025, which received nationwide coverage.

This recognition reflects the dedication and passion of BITS Pilani’s faculty, students, alumni, and partners, who continue to advance excellence in management education.

BITS Pilani Remarkable Rise in NIRF 2025 Rankings

BITS Pilani achieved a significant leap in the NIRF 2025 Rankings, released by the Ministry of Education, Government of India, on 4th September. The institute rose to 7th position in the University category and secured 2nd in Pharmacy nationwide. BITS Pilani also advanced to 11th in Engineering, 18th in Research Institutions, and 16th in Overall Ranking, reflecting its commitment to steady growth and academic excellence. Prof. V Ramgopal Rao, Group Vice-Chancellor,

received the award on behalf of the institute and remarked, "The NIRF 2025 rankings reflect the efforts of our faculty, students, alumni, and staff."

- BITS climbs NIRF rankings



BITS Pilani Inaugurates 2nd Batch of Management Development Program for Indian Army Officers

Department of Mechanical Engineering inaugurated the 2nd batch of the Management Development Program (MDP) on IT, Inventory Management, and Accounting for Junior and Non-Commissioned Officers of the Indian Army during August 11-25, 2025, at the Pilani Campus. The two-week program (September 1–13) brought together 50 officers from various Army Commands for training in IT, logistics, accounting, and management practices.

The ceremony was led by Prof. V Ramgopal Rao, Group Vice-Chancellor, who called the program "a landmark collaboration between the Indian Army and academia, equipping officers with competencies that will significantly enhance organizational strength." Also addressing the gathering were Col. Soumyabrata Chakraborty (Retd.), Registrar, and Prof. Sudhirkumar V. Barai, Director, Pilani Campus.

- Army officers' MDP inauguration



The academic framework was curated by Prof. Srikanta Routroy, Head, Department of Mechanical Engineering; Prof. Satyendra Sharma, Associate Professor, Department of Management; and Prof. Saurabh Chadha, Associate Professor, Department of Management. Conducted under the

MoU with Army Training Command (ARTRAC), Shimla, the program reflects BITS Pilani's commitment to combining academic excellence with national service.

Teachers' Day Celebration at BITS Pilani – Department of Pharmacy

The Department of Pharmacy, BITS Pilani, celebrated Teachers' Day 2025 with great enthusiasm on September 6, marking the birth anniversary of Dr. Sarvepalli Radhakrishnan, whose vision of education continues to inspire generations.

The program began with an inaugural session by the Head of Department Prof. Rajeev Taliyan, followed by a series of fun activities, games, and songs, where both teachers and students participated with equal joy. The vibrant atmosphere reflected togetherness, respect, and gratitude, strengthening the bond between mentors and learners.

As a gesture of appreciation, all faculty members were felicitated by the students. The efforts of UG, PG, and PhD scholars in organizing the event were deeply appreciated.

The department also extended heartfelt thanks to the leadership of BITS Pilani – Prof. Ramgopal Rao (Vice-Chancellor), Prof. S. K. Barai (Director), and Prof. NVM Rao (Dean Administration) for their constant encouragement in fostering a culture of academic excellence.

The celebration concluded on a note of joy and inspiration, making the day truly memorable for faculty and students alike.

- Teachers' Day celebration



Inauguration of Management Training Programme for JCOs at BITS Pilani

At BITS Pilani, Pilani Campus, on 11 August 2025, the 14-day Management Development Programme (MDP) was inaugurated for selected Junior Commissioned Officers (JCOs) and Non-Commissioned Officers (NCOs) of the Indian Army. The program will run during August 11-25, 2025, with 50 officers participating from various Army commands.

The inauguration was attended by Prof. Sudhirkumar V. Barai, Director of BITS Pilani, Pilani Campus, Col. Soumyabrata Chakraborty (Retd.), Registrar, Prof. N.V. Muralidhar Rao, Dean of Administration, and several other dignitaries.

The program aims to provide advanced training in inventory management, accounting, and information technology (IT), enabling officers to contribute more effectively to their respective operational areas with enhanced management skills and professional competence.

The curriculum and program framework were designed by the development team, including Prof. Srikanta Routroy (Head, Mechanical Engineering), Associate Professors Saurabh Chadha and Satyendra Kumar Sharma, and Assistant Professor Jagat Shesh Challa. The program emphasizes not only theoretical knowledge but also practical applications, ensuring a well-rounded learning experience.

During the inauguration, the dignitaries shared their thoughts on the initiative. Prof. Sudhir Kumar V. Barai noted, "This initiative will not only strengthen collaboration between the Army and academic institutions but also enhance the organizational capabilities of our armed forces." Col. Soumyabrata Chakraborty (Retd.) highlighted that topics like inventory management and accounting will help improve the efficiency of Army logistics and support operations.

- JCO management programme inauguration



One-day workshop on "Modelling Behavioural Outcomes: Cross-Sectional Data, Qualitative Response, and Limited Dependent Variables"

The Department of Economics and Finance organized a one-day workshop on "Modelling Behavioural Outcomes: Cross-Sectional Data, Qualitative Response, and Limited Dependent Variables" at BITS Pilani, Pilani Campus, on November 29, 2025.

The Department of Economics and Finance also organized a week-long national workshop on "Frontiers in Health Economics: Evidence-Based Research from Large-Scale Sample Survey Datasets Using Stata and R Studio" from

September 16–20, 2025, at BITS Pilani, Pilani Campus, Rajasthan, India, in collaboration with IHEPA.

The Department of Biological Sciences, BITS Pilani, Pilani Campus hosted an outreach activity entitled "Padhaaro Mhaare Genes: An Outreach Program to Remember" in collaboration with the editorial team of the Journal of Genetics on September 29–30, 2025.

The department, in collaboration with the National Centre for Biological Sciences, Tata Institute of Fundamental Research, conducted a two-day Indo-German Workshop on Plant Microbe Interactions: Implications for Plant Health and Their Interconnections from October 27–28, 2025.

INSPIRE Workshop

A workshop titled "INSPIRE – Integrating Science, Psychology and Inquiry for Real Education" was organized on November 22, 2025, in collaboration with the Indian National Young Academy of Science (INIAS) and the Department of Mathematics, BITS Pilani, Pilani Campus. The workshop focused on integrating scientific approaches with psychological insights to enhance real education practices.

National Mathematics Day Seminar

A seminar was organized on December 22, 2025, to celebrate National Mathematics Day. The event aimed to highlight the importance of mathematics in various fields and to inspire students and faculty through discussions and academic engagement.

MATHSPIRE Seminar

A one-day seminar titled "MATHSPIRE" was organized on September 27, 2025. The seminar provided a platform for knowledge sharing, discussions, and exploration of contemporary topics in mathematics.

Academia: a confluence of ideas

Seminars / Conferences / Workshops / Training Programs

Prof. Rahul Arora, Department of Economics and Finance, served as Co-Convenor for a week-long national workshop on “Frontiers in Health Economics: Evidence-Based Research from Large-Scale Sample Survey Datasets Using Stata and R Studio”, held from September 16–20, 2025, at BITS Pilani, Pilani Campus, Rajasthan, India, in collaboration with IHEPA.

Prof. Aprajita Pandey, Department of Economics and Finance, attended the Business Valuation Master Class conducted by Prof. Aswath Damodaran in Mumbai during September 4–5, 2025.

Prof. A. K. Giri, Department of Economics and Finance, presented a paper titled “Does Digital Financial Inclusion Matter for Environmental Sustainability in Asian Economies? An Empirical Analysis” at the International Conference on Sustainable Development held at North-Eastern Hill University (NEHU), Shillong, during November 10–11, 2025.

Prof. Krishna M., Prof. Rahul Arora, and Prof. Padhi, Department of Economics and Finance, organized a one-day workshop on “Modelling Behavioural Outcomes: Cross-Sectional Data, Qualitative Response, and Limited Dependent Variables” at the Department of Economics and Finance, BITS Pilani, Pilani Campus, on November 29, 2025.

Prof. Sangeeta Sharma, Department of Humanities and Social Sciences, presented a paper titled “AI Driven Project Based Learning for Advertising Course” at the Twenty-Third International Conference on Management organized at the Indian Institute of Management Shillong on December 3, 2025.

Prof. Geetilaxmi Mohapatra, Department of Economics and Finance, attended the 2nd Comptroller and Auditor General of India (CAG) and Indian Council of Social Science Research (ICSSR) Colloquium on Public Finance of States, held at the CAG General Auditorium, Pocket-9, Deen Dayal Upadhyaya Marg, New Delhi, on December 15, 2025. He also attended a 5-day workshop on “Environometrics using AI & ML” conducted by NIT Rourkela from December 15–19, 2025 (virtual participation).

Prof. Pragyanshu Khare, Department of Pharmacy, presented a paper titled “The Hidden Power of Vasomotor Tone: A New Weapon against the Metabolic Disorders” at the Indian Pharmacological Society Conference (IPSCON-2025) (International) held at Panjab University, Chandigarh during November 18-22, 2025. The conference was organized by UIPS, PU, Chandigarh.

Department of Biological Sciences, Pilani Campus hosted an outreach activity entitled “Padhaaro Mhaare Genes: An Outreach Program to Remember” in collaboration with the editorial team of the Journal of Genetics on September 29–30, 2025.

Department of Biological Sciences, in collaboration with the National Centre for Biological Sciences, Tata Institute of Fundamental Research, conducted a two-day Indo-German Workshop on Plant Microbe Interactions: Implications for Plant Health and Their Interconnections from October 27–28, 2025.

Department of Management organized an Outreach Program – S.H.I.E.L.D. (Smart Habits in Internet, Earning, Learning & Development) on November 1, 2025.

Accolades and Achievements: Academic attainments of Faculty

Prof. Suvanjan Bhattacharyya, Department of Mechanical Engineering, on receiving the Prof. K. N. Seetharamu Medal and Prize 2025 from the Indian Society for Heat and Mass Transfer (ISHMT). The award was presented on December 9, 2025 at the International Heat and Mass Transfer Conference (IHMT-2025) held at IIT Jodhpur. This prestigious young researcher award previously conferred upon faculty from premier institutions such as the IITs and IISc recognizes Prof. Bhattacharyya’s significant contributions to heat and mass transfer, reflected through impactful research publications, funded projects, and advancements in thermal sciences. He is also widely appreciated for his teaching excellence and dedicated mentorship.

- Prof. Suvanjan Bhattacharyya at IHMT-2025



Prof. Sangeeta Sharma, Head of Department of Humanities and Social Sciences, receiving the Distinguished Service Award at the 23rd AIMS International Conference on Management (AIMS International – The

Association of Indian Management Scholars International) held on December 3, 2025 at the Indian Institute of Management, Shillong. The award recognizes Prof Sangeeta's contributions to research, teaching, her academic service, and continued impact on communication studies and student development at BITS Pilani.

- Prof. Sangeeta Sharma at AIMS-2025



Prof. Venkatesh K. P. Rao, from the Department of Mechanical Engineering, was conferred the J. C. Bose Memorial Award at BioHeal 2025, IIT Roorkee, October 27, 2025. Instituted in honour of Sir Jagadish Chandra Bose, the award recognizes excellence in scientific innovation. Prof. Rao's pioneering research in mechanobiology of cancer, integrating microfluidics, biosensors, and computational biology, continues to advance early detection and biomedical innovation at BITS Pilani.

- Prof. Venkatesh K. P. Rao at BioHeal-2025



Prof. Venkatesh K. P. Rao, Department of Mechanical Engineering, was recognized as a Promising Exhibitor in Defense Technology for his pioneering work on MEMS Gyroscopes at the Tri-Services Academia Symposium, September 2025. This recognition reflects BITS Pilani's commitment to advancing indigenous MEMS-based inertial navigation solutions, which are set to play a critical role across naval, aerospace, and land defense systems. This milestone inspires us to continue pushing the boundaries of research and contribute to the vision of Atmanirbhar Bharat in Defense Technology. The work highlights MEMS Gyroscopes for next-generation navigation, emphasizes academia–industry–defense collaboration, and showcases innovation with a focus on reliability and performance.

- Prof. Venkatesh K. P. Rao at T-SATS 2025



Prof. Manjuladevi V, PhD, Department of Physics, has joined the Editorial Board of Scientific Reports by Springer Nature. As Head of the Department, she has been driving research excellence, mentoring young scholars, and strengthening a culture of innovation at BITS Pilani. This recognition reflects her leadership, impactful contributions, and the inspiration she provides to students, colleagues, and the global scientific community.



Prof. Anshuman Dalvi, Department of Physics, has joined the Editorial Board of Scientific Reports by Springer Nature. This milestone reflects the significance of his research, innovation, and contributions, and the inspiration he provides to students, colleagues, and the wider scientific community, August 2025



Prof. Ashish Bera, Department of Computer Science & Information Systems, served as a Session Chair during the International Conference on Frontiers in Computing and Systems (COMSYS-2025) held at the Faculty of Information Science, Warsaw University of Technology, Poland, during September 25–27, 2025.

Prof. Kamalesh Kumar, Department of Civil Engineering, was honored with a Certificate of Excellence in Reviewing from the Journal of Engineering Research and Reports, Advances in Research, Asian Journal of Geographical Research, and Journal of Geography, Environment and Earth Science International in recognition of his outstanding contribution to the quality of the journals. He was also awarded a Certificate of Reviewing as a reviewer for the American Journal of Civil Engineering (AJCE) for his review titled "Improved Correlation Models for Optimum Moisture Content Based on Atterberg Limits".

Invited Lectures/Talks by Faculty

Department of Biological Sciences

Prof. Ashis Kumar Das delivered multiple invited talks in 2025. He presented “Malaria Mindscapes – Glimpses of an Ongoing Journey in Basic-Translational Research” at IISc Bangalore on August 12, 2025. He also delivered “A Tale of Two Parasites: A Glimpse into the RNA Methylome of Patient-derived *Plasmodium falciparum* and *Plasmodium vivax* Isolates” at the 5th Genomics India Conference (GIC 2025), IISc Bangalore, during August 12–14, 2025.

Prof. Shilpi Garg delivered an invited talk titled “Apoptosis and Survival: A Balancing Act in the Life Cycle of *Plasmodium*” at the 16th International Conference on Vector Borne Diseases organized by the Centre of Excellence for Environment & Public Health, Department of Zoology, Ravenshaw University, Cuttack, in collaboration with the National Academy of Vector Borne Diseases (NAVBD), held at Ravenshaw University, Cuttack, during November 21–23, 2025.

Prof. Vishal Saxena delivered an invited talk titled “Decoding the Involvement of ABC Transporter Genes in *Aedes aegypti* Midgut Immune Modulation” at the 16th International Conference on Vector Borne Diseases organized by the Centre of Excellence for Environment & Public Health, Department of Zoology, Ravenshaw University, Cuttack, in collaboration with the National Academy of Vector Borne Diseases (NAVBD), held at Ravenshaw University, Cuttack, during November 21–23, 2025.

Prof. Meghna Tare delivered an invited talk entitled “Understanding Cellular and Molecular Mechanisms involved in Onset and Progression of Parkinson’s Disease” at the 7th Annual Indian *Drosophila* Meeting held at IISER Mohali during December 11–13, 2025.

Department of Chemical Engineering

Prof. Jay Pandey delivered multiple lectures in 2025. He delivered a lecture on “Hydrogen Fuel Cells: Bridging Innovation and Sustainability” during the Faculty Development Programme (FDP) organized at the National Institute of Technology (NIT), Patna, during August 18–28, 2025. He also presented an invited talk titled “Development of Steady State Mathematical Model for Metal-Air and Lithium-ion Battery” at ICN-2025 organized at Mahatma Gandhi University (MGU), Kottayam, Kerala, during September 12–14, 2025.

Prof. Pratik N. Sheth delivered an invited talk titled “Air-CO₂ and Oxygen-Enriched Air-CO₂ Biomass Gasification” at the 5th International Conference on Recent Advances in

Bio-Energy Research (ICRABR-2025) organized by Sardar Swaran Singh National Institute of Bio-Energy, Kapurthala, during October 6–9, 2025.

Department of Pharmacy

Prof. Pragyanshu Khare delivered an invited lecture titled “The Hidden Power of Vasomotor Tone: A New Weapon against the Metabolic Disorders” on November 21, 2025 at the Indian Pharmacological Society Conference-2025 (IPSCON-2025), held at UIPS, Panjab University, Chandigarh. The event was organized under the Indian Pharmacological Society and he also delivered an invited lecture titled “TRPM8 Stimulation by Menthol Enhances Energy Burn and Improves Metabolic Function” on November 22, 2025 at the Symposium on Emerging Trends in Pharmacology and Toxicology, held at NIPER, Mohali.

Prof. Rajeev Taliyan delivered an invited talk titled “*Epigenetic Modulation in the Progression of Parkinson’s Disease and Therapeutic Targets-Based Management*” on November 7, 2025 at the International Conference on Recent Advances in Neurochemistry and Neurological Disorders, held at Udaipur, and delivered an invited talk titled “Exploring Epigenetic Role and Modulation in the Progression of Neurodegeneration in Parkinson’s Disease” on November 19, 2025 at the RSC-Editor Meet, held at BITS Pilani. He also delivered an invited talk titled “*Exploring the Neuroprotective Potential of Gene and Epigenetic-Based Therapies in Parkinson’s Disease*” on 21 November, 2025 at the Indian Pharmacological Society Conference-2025 (IPSCON-2025), held at Panjab University, Chandigarh.

Department of Chemistry

Prof. Ram Kinkar Roy delivered a talk titled “In Search of Mechanism of Aggregation-Induced Emission of Tetrabenzohexafulvalene Derivative: A Theoretical Study” at FACTS-2025 held at Ashoka University, Sonapat, Haryana, during August 1–3, 2025.

Prof. Shamik Chakraborty delivered a talk titled “Matrix-Induced Modulation of Molecular Structure, Interactions, and Vibrational Properties: Insights from Cryogenic Infrared Spectroscopy” at AOSC organized by the Department of Chemistry, IIT Bombay and the Department of Chemical Sciences, TIFR Mumbai, during September 21–25, 2025.

Prof. Nitika Grover delivered multiple talks in 2025. She presented “BODIPY-based Macrocycles as a Platform for PDT” at Hiroshima University, Japan, on September 8, 2025. She also delivered “Exploring BODIPY-DPM Hybrids as Next-generation Molecular Platforms” at ICMUB held in Dijon, France, on November 7, 2025. Additionally, she presented “Investigation of Mono-annulated Indigo Derivatives for Next-generation Solar Energy Harvesting Materials” at BITS Pilani (Pilani Campus) during November 20–22, 2025.

Prof. Pritam Kumar Jana delivered a talk titled “Understanding Physical/Chemical Phenomena through Molecular Simulations” during an Outreach Program held at BITS Pilani (Pilani Campus) on November 10–11, 2025.

Prof. Dalip Kumar presented “Efficient Strategies to Heteroarene-fused Porphyrins with NIR Absorption” at the RSC Meet the Editors Symposium held at BITS Pilani (Pilani Campus) on November 19, 2025.

Prof. Anil Kumar delivered a talk titled “Transition-Metal Catalysed C–H/C–X Annulation Reactions for Construction of Polyheterocyclic Frameworks” at the 4th IAC-2025 held at MDU Rohtak during November 20–22, 2025.

Prof. Ajay Kumar Shah delivered a talk titled “Glucosylated Cu(II) Metallopolymer: An Efficient Adsorbent for Chromium Ion” at the 4th IAC-2025 held at MDU Rohtak during November 20–22, 2025.

Prof. Rajiv Sakhuja delivered multiple talks in 2025. He presented “In Search of Mechanism of Aggregation-Induced Emission: A Theoretical Study” at the Department of Chemical Sciences, IISER Mohali, during October 16–18, 2025. He also delivered a talk titled “Investigating the Bimolecular Quenching Rate of Electron Transfer Reactions from Aromatic Amines to Coumarin Dyes: A Conceptual Density Functional Theory-Based Approach” at TCS-2025 held at IIT Bombay during December 2–5, 2025.

Prof. Prashant Uday Manohar presented “Equation-of-motion Coupled-Cluster with Singles, Doubles and Triples: Some Pilot Applications” at TCS-2025 held at IIT Bombay during December 2–5, 2025.

Department of Civil

Prof. Ravikumar Guntu delivered a talk titled “Statistical Prediction of Compound Extremes Using Complex Networks” during the AICTE-QIP-PG Certificate Program on Hydrometeorological Extremes and Climate Disasters: Data-Driven Approaches, Impacts and Resilient Strategies, organized by Maulana Azad National Institute of Technology (MANIT), Bhopal, Madhya Pradesh, India, during September 13–14, 2025.

Prof. Selva Balaji M delivered a talk titled “Data-driven Approaches for Urban Flood Modeling” during the AICTE-QIP-PG Certificate Program on Hydrometeorological Extremes and Climate Disasters: Data-Driven Approaches, Impacts and Resilient Strategies, organized at Maulana Azad National Institute of Technology (MANIT), Bhopal, Madhya Pradesh, India, on September 25 and 27, 2025.

Prof. Nishant Bhargava delivered an expert lecture titled “Current Practices and Advances in Design, Construction and Maintenance of Flexible Pavement” organized by the Department of Civil Engineering, Jaypee University of Information Technology, Wanknaghat, on September 15, 2025.

Prof. Sayantan Chakraborty delivered a talk titled “Stabilization of High-sulfate Soils Using Lime and Quarry Dust” at Geotech Asia 2025, organized by the Indian Geotechnical Society, on October 9, 2025.

Prof. Maripini Himabindu delivered multiple talks in 2025. She presented “Reimagining Mobility: Towards Next Generation Traffic Management Systems” at the ITS India Congress organized by ITS India, OMI Foundation, and IIT Hyderabad during November 5–6, 2025. She also delivered “Capacity and Level of Service Analysis on Uninterrupted Flow Facilities” at IIT Roorkee, organized by the Centre for Transportation Systems, IIT Roorkee, during November 29–30, 2025.

Department of Computer Science & Information Systems

Prof. Ashish Bera delivered a talk on “Recent Research Trends on NextGen AI (RRTNGAI)” organized by the Department of CSE (AI & ML), Haldia Institute of Technology, West Bengal, on September 18, 2025.

Prof. Gopal Singh Phartiyal delivered multiple talks in 2025. He presented an invited talk titled “Optimizing Data Science and Deep Learning Synergies in Satellite Imagery Applications” at HACER 2025 held in Diu on December 20, 2025. He also delivered an expert talk on “Scientific Computing in Remote Sensing” during a one-week online Faculty Development Programme (FDP) organized by HBTU, Kanpur, from November 10–14, 2025.

Department of Electrical & Electronics Engineering

Prof. Rahul Kumar delivered two invited talks titled “III-As Nanostructure for Solar Cell” and “Current Trends in Semiconductors: Ga₂O₃ as a Promising Wide Bandgap Semiconductor” during the five-day national workshop on “Advances in Semiconductor Technologies: Challenges and Opportunities” held at the National Institute of Technology, Meghalaya, from September 15–19, 2025.

Prof. Pawan Kumar Ajmera served as a Keynote Speaker and researcher in 2025. He delivered a keynote talk titled “Transforming Agriculture with Agentic AI” at the 4th International Conference on Human-Centric Smart Computing (ICHCS 2025) held at the University of Engineering & Management (UEM), Jaipur, during October 10–11, 2025. He also presented two research papers titled “Scalable Face Recognition with Multiple Deep Learning Model Integration” and “Comparing Deep Learning Approaches for Low Resolution Face Recognition Challenges in Security and Surveillance Applications” at IEEE TENCON 2025 held at SICC, Kota Kinabalu, Sabah, Malaysia, during October 27–30, 2025.

Prof. Sandeep Joshi delivered multiple expert and invited talks in 2025. He presented an expert talk titled “Technology Trends for 5G and Beyond Communication Systems” at the Short-Term Course on “Next-Gen Communication: Trends,

Technologies, and Transformations”, technically sponsored by the IEEE AP-S/CRFID Chapter and organized by the National Institute of Technology Delhi, on September 15, 2025. He also delivered an invited talk on “Redefining Channel Estimation in Underwater Acoustic Communication Systems with Deep Neural Network” at the Global Symposium on Underwater Communications, Signal Processing, and Networking, co-organized by IIT Delhi (SPS) and OES Delhi Chapter, on November 18, 2025. Additionally, he was selected to participate in the Emerging Science, Technology, and Innovation Conclave (ESTIC-2025) held at Bharat Mandapam, New Delhi, during November 3–5, 2025, under the category of Young S&T Leaders. He was also re-nominated as an Executive Committee Member of the IEEE CRFID-APS Chapter, Delhi Section, for the year 2026.

Prof. Vinay Chamola served as Chief Guest and invited speaker at the IETE Foundation Day Celebration organized by the IETE Pilani Centre at BKBIET on November 22, 2025, where he delivered a talk on “Indigenization of Hi-Tech and Critical Technologies”.

Department of Physics

Prof. Aritra Banerjee delivered an invited talk titled “Flatbands and Carroll Symmetry” at the Holography and Quantum Information Workshop organized by National Taiwan University, Taipei, during September 29 – October 3, 2025.

Prof. Manjuladevi V delivered an invited talk titled “Impact of Two-Dimensional Nanomaterials on Nematic Ordering and Electro-Optic Response in Nematic Liquid Crystals” at NCLC 2025 hosted by BITS Pilani in association with ILCS, during November 20–22, 2025.

Prof. Raj Kumar Gupta delivered an invited talk titled “Interfacial Behavior of Biological Molecules: From Cholesterol Derivatives to Drug–Lipid Interactions” at NCLC 2025 hosted by BITS Pilani in association with ILCS, during November 20–22, 2025.

Department of Humanities and Social Sciences

Prof. Prateek served as a Plenary Speaker on the topic “Memory and Decolonial Historiography: The Case of Buksa Swang” at the International Seminar, “Indigenous Knowledge System and Decolonial Turn: Global South in Focus” held at Bodoland University, Kokrajhar, Assam, on October 16, 2025.

Prof. Sangeeta Sharma delivered a lecture on “Writing Effective Reports” to the employees of Solutus Consulting Engineers Pvt. Ltd., Guwahati, on December 4, 2025.

Department of Mechanical Engineering

Prof. Gaurav Sharma delivered an invited talk on “Recent Advances in CFD and its Applications” during a Faculty Development Program (FDP) at IIIT Jabalpur from August 16–21, 2025.

Prof. Biswadip Shome delivered an invited talk on “Role of Simulation in Engineering Design” on September 15, 2025, at the Kohler Innovation Center, New Delhi.

Prof. Srikanta Routroy was invited to deliver an expert lecture on “Sustainability Assessment of Engineering Solutions” to the students of Mechanical Engineering at RPS College of Engineering and Technology, Mohindergarh, Haryana on September 24, 2025.

Department of Mathematics

Dr. Shuchita Goyal presented a talk titled “Bousfield Localisation on Posets” at Combinatorial Algebraic Topology and Applications III held at Centro di Ricerca Matematica, Pisa, Italy, during September 16–19, 2025, and also delivered a colloquium talk titled “Graph Complexes” at IIT Delhi, Delhi, India, on July 31, 2025.

Dr. Chandra Shekhar presented a talk titled “Towards Sustainable EV Infrastructure: Energy Control and Optimization Strategies” at the program held at Pandit Deendayal Energy University, Ahmedabad, India, during August 2–3, 2025. He also presented a talk titled “Fractional-Order EOQ Optimization with Environmental and Shortage Considerations” at the International Conference on Global Advances in Statistical Modelling, Optimization Techniques and Data Science (IC-GASMOTDS-2025), organized by the Department of Statistics, Maharshi Dayanand University, Rohtak, India, during November 28–30, 2025.

Dr. Trilok Mathur delivered a lecture titled “Fractional Calculus and Riemann Zeta Function” in the Distinguished Lecture Series for Research Scholars at Banasthali Vidyapeeth, Banasthali, India, on August 30, 2025. He also delivered a talk titled “When the Past Shapes the Present: Memory Modeling with Fractional Calculus” in the Refresher Course “Innovations through Mathematics: Practical Insights and Applications”, organized by the Department of Mathematics, University of Rajasthan, Jaipur, conducted online during December 1–13, 2025.

Dr. Shivi Agarwal delivered a talk titled “Data Envelopment Analysis and Applications” in the Refresher Course “Innovations through Mathematics: Practical Insights and Applications”, organized by the Department of Mathematics, University of Rajasthan, Jaipur, conducted online during December 1–13, 2025.

Dr. Divyum Sharma presented a talk titled “Integers and their Powers in Two Unrelated Number Systems” at the International Conference on Diophantine Equations, Polynomials and Related Areas, organized by Indian Statistical Institute Delhi and IIT Madras, held in Delhi, India, during October 13–17, 2025. He also presented a talk titled

“Integers and their Powers in Two ‘Unrelated’ Number Systems” at the Annual Conference of Ramanujan Mathematical Society held at IIT Delhi, Delhi, India, during December 18–20, 2025.

Dr. Sangita Yadav delivered a series of lectures as a resource person in the “Five Days Online Faculty Development Program on Effective Documentation with LaTeX: From Basics to Professional Writing” at Manipal University Jaipur during July 28 – August 01, 2025. She also delivered an invited lecture titled “HDG method for Sobolev equation using HDG method” at the International Conference on Mathematical Analysis and its Applications (ICMAA-2025) held at South Asian University, New Delhi, during December 22–24, 2025.

Distinguished Lectures

Prof. Saurabh Chadha and Prof. Satyendra Sharma conducted the Management Development Program (MDP Batch 1) on “IT, Inventory Management, and Accounting” for Indian Army Officers from August 11–24, 2025. They also conducted MDP Batch 2 on the same topic from September 1–13, 2025 in the Department of Management.

Mr. Ramesh Pattnaik, Vice President – Sales & Business Development at PMI Pune Chapter, conducted a webinar titled “Bridging the AI Gap: From Tools to Implementation” on September 16, 2025, in the Department of Management.

Prof. Biswadip Shome, professor of practice at Department of Mechanical Engineering, BITS Pilani, Pilani campus, delivered a talk on “Engineers Day” on September 20, 2025 in the department of Chemical Engineering.

Dr. Madhusudan Reddy (Scientist, CDFD, Hyderabad) on “DNA Profiling in Criminal Investigations and Mass Disaster Victim Identification” on September 29, 2025. Students from Birla High School and Kids Garden Senior Secondary School, along with BITS students, faculty, and staff, attended the interactive session, asked questions, and sought career guidance in forensic sciences from Dr. Reddy in the Department of Biological Sciences.

Prof. Pinku Nath (Hokkaido University) delivered an invited talk titled “CHEMONT: A Reusable Explicit Chemical

Ontology-based Method to Expedite Reaction Path Searches” at a National-level event on October 9, 2025 in the Department of Chemistry.

Dr. Anurag Ranjan, Chief Scientist at Deepnight, delivered a talk titled “What I Cannot Create, I Do Not Understand: An Intuitive Take on Generative AI” on October 13, 2025 in the Department of Mathematics.

Mr. Arpan Bumb, Senior Product Analyst, WISE, London, delivered a talk in the webinar titled “3 Day Workshop on Digital Customer Acquisition” on October 13, 2025, and also delivered a talk titled “AI and the Future of Work” on October 14, 2025, in the Department of Humanities and Social Sciences.

Mr. Prashant Jhakarwar, CEO of PixelPie Media, conducted a webinar titled “Power Networking and Professional Mindset” on November 5, 2025, in the Department of Management.

Prof. Sailaja Nandigama organized a webinar featuring Prof. Dr. Mohamed Salih from the International Institute of Social Studies, Erasmus University, Netherlands. The webinar, titled “Development Theory and Climate Change: An Abridgment”, was conducted on November 14, 2025, in the Department of Humanities and Social Sciences.

Dr. Prodhan Mahbub Ibna Seraj from American International University–Bangladesh (AIUB) on November 21, 2025, with the topic “Data Collection Tools and Analysis of Mixed-Method Research Design”. The second featured Yago V.S. Santos (Oklahoma State University, USA) and Monique Mianne, Biologist and PhD Scholar at the University of São Paulo, Brazil, on November 25, 2025, presenting “Exploring Brazilian Culture: Everyday Life, Communication, and Perspectives” in the Department of Humanities and Social Sciences.

Prof. Rajesh Dhakal (Head of the Civil Engineering Department at University of Canterbury (UC) NZ., delivered a talk titled “Seismic Design of Buildings: Where to Next?” on December 12, 2025 in the Department Civil.

Prof. Manoj Kumar Muthayala (R&D Scientist, Organic Synthesis, Peptide Chemistry, Bioconjugation Chemistry) delivered a talk titled “Simplifying Peptide Workflows: Direct Immobilization and Modification with PEC 2.0” at a national-level event on December 26, 2025, in the Department of Chemistry.

Student Round-up

INTERFACE 2025

BITS Pilani's Department of Management (DoM) inaugurated the 47th edition of its flagship management festival, INTERFACE 2025, on October 31 at the Pilani campus. The event revolved around the theme "The New Paradigm: Agility, Adaptability, Advancement," aiming to prepare students for the complexities of a rapidly evolving global business environment. The ceremony commenced with a traditional Vandana and lamp lighting, followed by welcome remarks from Prof. Praveen Goyal, Head of the Department of Management, who emphasized that the theme reflects the pressing need for flexible thinking and modern problem-solving approaches. Prof. N.V. Muralidhar Rao, Dean (Administration), further enriched the discussion by drawing parallels with Indian mythology and Darwinian theory, highlighting that true progress is achieved through a balance of challenges, adaptability, and continuous discovery.

- INTERFACE 2025 student round-up



The inauguration featured distinguished industry leaders who shared valuable insights. Ms. Ritu Gaur, General Manager at State Bank of India (Jaipur Circle), spoke about the unprecedented pace of technological disruptions and supply chain transformations, emphasizing the shift from reacting to change to actively shaping it. She also highlighted the rise of digital payments, e-commerce, and blockchain technologies, citing examples such as Zoom and Swiggy to illustrate adaptability. Mr. Ram Gopal Prajapat, Senior Vice President at AllCargo Logistics Ltd, discussed the growing influence of Artificial Intelligence, noting that creativity, interpretation, and visualization will become key differentiators in the future workforce. Mr. Piyush Sharma from National Internet Exchange of India elaborated on the organization's mission to enhance internet accessibility and efficiency, while addressing topics such as internet safety, exchange points, the transition from IPv4 to IPv6, and the promotion of regional language domains.

Organized by the Management Association (MASSOC), INTERFACE 2025 promises a diverse lineup of intellectually stimulating and engaging events. Competitions such as "Product Paradox," "Stock Storm," "InnoMUN," and "HR Imperium" focus on product management, finance, marketing, and human resources, while "Enigmatic Enclave" and "Cash or Clash" challenge participants' strategic and entrepreneurial abilities. Additional highlights include "Inkspire," "Moneyball," and the cultural night "Mahaul," creating a balance between academic rigor and creative expression. The festival is supported by sponsors including State Bank of India as the title sponsor, NIXI as co-sponsor, and affiliate sponsors AAFM, S.S. Technovation, MySifarish, and Grabon. The event concluded with its valedictory ceremony on November 2, 2025, marking the culmination of an enriching and impactful experience.



SPIC MACAY

On September 23, 2025, SPIC MACAY BITS Pilani hosted a mesmerizing evening of Rajasthani folk music at the JC Chaudhary NAB Auditorium. The event was graced by Registrar Col. S. Chakraborty, along with dignitaries Prof. Yashvardhan, Prof. Sangeeta Sharma, Prof. Meghana Tare, and Prof. Rajan Pandey, and included students from Birla Balika Vidyapeeth who enjoyed a glimpse of India's vibrant folk culture. The highlight of the evening was the performance by renowned folk artist Dr. Kamal Khan Mangniyar, accompanied by seven talented musicians—Moti Khan, Ustad Bade Gaji Khan, Midhal Khan, Rijwan Khan, Sikandar Khan, Habib Khan, and Samsu Khan—each a master of their instrument.

The program began with a traditional lamp-lighting ceremony and presentation of bouquets to the artists, followed by soulful renditions of Rajasthani and Sufi-inspired songs such as

Nimbooda, Mast Kalandar, Padharo Mharo Des, and Chaudhary. Captivating moments included a jugalbandi between the santoor and dholak and an exchange between the dholak and morsing, which engaged the audience in

- Rajasthani folk music evening



clapping and dancing along, creating a shared cultural celebration. The evening concluded with the presentation of mementos to the artists, leaving the audience with hearts full of joy and a deeper appreciation for Rajasthani folk traditions.

Team AstroDeus from BITS Pilani Engages with Leadership on Project Shasak

Team AstroDeus, a defence technology startup from BITS Pilani, co-founded by Parag Jiwtani, Yash Kaushik, and Madhukar Soni, recently interacted with Prof. V Ramgopal Rao, Group VC, and Dr. Chandra Shekhar, Senior Emeritus Professor, to discuss the future of Project Shasak.

- Team AstroDeus on Project Shasak



Both leaders congratulated the founders, whose startup received an award from the Indian Army for their AI-powered Project Shasak at the Tri-Services Academia Technology Symposium 2025.

The discussion provided focused strategic insights and further strengthened BITS Pilani's commitment to defense innovation and an Atmanirbhar Bharat.

BITSian Wins First Place at Viasat's Space for Good India Challenge 2025, September 30, 2025

Congratulations to Mayank Golechha (MSc Physics + B.E. Computer Science, BITS Pilani) for winning First Place at the national Space for Good India Challenge 2025 held in Delhi, hosted by Viasat.

- Mayank Golechha wins Viasat challenge



The competition brought together leaders from the space, defence, telecom, and research sectors. Selected from over 9,000 ideas, Mayank emerged as one of just eight finalists. His project, Project MagnoSat, envisions orbital highways of superconducting EM rings that give satellites a fuel-free

velocity boost—a futuristic solution to extend satellite lifetimes, reduce costs, and make deep space missions to the Moon, Mars, and beyond more sustainable.

Turning Vision into Planetary Robotics — BITSians Shine at ERC 2025

The students of CRISS Robotics, BITS Pilani, Pilani Campus secured 3rd place globally and 2nd in Asia at the European Rover Challenge 2025 (Remote Edition). From simulating rover operations on Earth to exploring possibilities on Mars, the team has demonstrated what passion, teamwork, and innovation can achieve. Led by **Ashray Saxena and Vanshika Agarwal**, under the guidance of **Prof. Mani Sankar Dasgupta**, the team distinguished itself on the global stage. The Software Subsystem, headed by Gautham Balachandran and Aryan Chaudhary, played a pivotal role in driving the team to the podium.

Sushovan Bhattacharyya, received AMI best poster presentation award for utilizing the bacterial endogenous CRISPR-Cas system as an anti-Salmonella Strategy in 66th AMI International conference and Research Enclave organized by the Association of Microbiologists of India, Dev Bhoomi Uttarakhand University during 12-15 November 2025.

Sukriti Gujarati, Roland Cooper Travel Award for the XXXVI Molecular Parasitology Meeting (MPM) held in Woods Hole, USA from 16th to 19th Sept, 2025 for oral presentation.

Priyanka Roy, received DBT CTEP Travel Grant, IV Molecular Biosystems Conference, Eukaryotic Gene Regulation and Functional Genomics to be held in Puerto Varas, Chile, September 29 - October 3, 2025 and she also received an **ICGEB fellowship** to attend the IV Molecular Biosystems Conference Eukaryotic Gene Regulation and Functional Genomics to be held in Puerto Varas, Chile, on September 29 - October 3, 2025

Akanksha Singh received online poster award for poster presentation at Molecular Parasitology Meeting (MPM) XXXVI, held from 14th - 18th September, 2025 at Marine Biological Laboratory, Woods Hole, Massachusetts.

Makinidi Jayraj (2024A1PS0270P) selected as a Finalist from Team INGENSIS for Case competition at UDYAM 2025, IIM Lucknow, 11 October 2025.

Ankan Gobinda Choudhury (2025H1010011P) secured a Bronze Medal in the Grappling Fighting System (Under 94 kg category) at BOSM 2025, the annual sports festival of BITS Pilani, held on September 18, 2025.

Mahi Chaudhary (2024PHXP0410P) secured First Prize in Analytical and Technical Writing at “Urja Shakti – A National Level Online Write-Up Competition,” organized by Rajiv Gandhi Institute of Petroleum Technology, Jais, Uttar Pradesh, on November 22, 2025.

Gattu Sai Ganesh Santhosh and Taneesha Jain received the 3rd Prize for their work titled “Advancements in Pavement

Texture Analysis: From Sand Patch to Photogrammetric 3D Modeling” at BITS Pilani, Pilani Campus, on October 10, 2025.

Harishvar J received the 1st Prize (Best Poster Award) in the poster presentation at the Research Scholars Day organized by the Department of Civil Engineering, BITS Pilani, Pilani Campus, on November 22, 2025.

Tasaduq Ismail Wani received the 2nd Prize (Best Poster Award) in the poster presentation at the Research Scholars Day organized by the Department of Civil Engineering, BITS Pilani, Pilani Campus, on November 22, 2025.

Atharv Shukla (2023A3PS0352P), Deepak Saini (2022B5AA0691P), Saurav Bhuyan (2022B5A30793P), and Sudhir Kumar (2024PHXP0440P) were selected as Sanchar Mitra under the Sanchar Mitra Scheme of the Department of Telecommunications, Government of India, for a period of one year. Under this initiative, Prof. Sandeep Joshi was appointed as the Nodal Officer for Birla Institute of Technology and Science (BITS), Pilani, on August 6, 2025.

Aishwarya Tomar (2021PHXF0428P) received the Best Paper Award for her paper titled “Prediction of Reverse Bias Leakage Current in $Al_{0.3}Ga_{0.7}N/GaN$ HEMT Devices Using Machine Learning and Ensemble Modeling” at the 29th Symposium on VLSI Design and Test (VDAT) 2025 held in Chandigarh during August 7–9, 2025.

Shubham Garg (2023PHXF0043P), under the guidance of Prof. S. Gurunaranayan and Prof. Chandra Shekhar (Former Director, CEERI), successfully developed the first indigenous In-Memory Computing Chip at BITS Pilani. The chip was developed entirely at BITS Pilani and fabricated at the Semiconductor Laboratory (SCL), Chandigarh, with support from the National Supercomputing Mission, Department of Science & Technology, Government of India.

Tanmay Agarwal (2023A3PS1275P), Madhav Krishna (2022A3PS0508P), Rashi Upadhyay (2021B4A81307P), and Aarush Mathur (2023A3PS0698P), under the guidance of Prof. Hitesh Datt Mathur and with contributions from Krishna Kumar Saini (2021PHXF0071P), received the “Engineering Solutions for Social Impact 2025” Award from the IEEE Delhi Section SIGHT Group on August 31, 2025, for their project titled “Decentralised Household-Level Peer-to-Peer Energy Trading: A Cost-Effective Approach for Rural Communities.”

Dhrish Bhansali (2022A3PS0498P), Abhinav Gollapalli (2022AAPS0313P), Palash Kohli (2022AAPS0232P), Konaark Berwal (2023AAPS0745P), and Pranav Suryawanshi (2023B5A71082P) received funding of INR 1 lakh for their project titled “Scalable Hardware Accelerator IP for Real-Time Multi-Object Tracking and Recognition for Energy-Efficient Edge Devices” under The Digital India RISC-V (DIR-V) Grand Challenge 2025, conducted by the Chips to Startup (C2S) Programme, Ministry of Electronics & Information Technology, Government of India, during September 2025.

Ankit Farkya received a travel grant under the ITS scheme from Anusandhan National Research Foundation (ANRF) on August 1, 2025, which provided financial support to attend the 9th International Conference on Micro and Nano Flows (MNF 2025) held in Edinburgh, United Kingdom, from September 3–5, 2025.

Nilesh Jaiswal (2023PHXF0437P) received the Royal Society of Chemistry Award for Top Performer in the Poster Presentation category at the International Conference on Nanoscience 2025 held at Mahatma Gandhi University, Kottayam, Kerala, during September 12–14, 2025.

Buddhi Prakash Sharma (2020PHXF0414P) received an International Travel Grant of ₹1.50 lakhs from BITS Pilani to attend IEEE TENCON 2025 at Kota Kinabalu, Malaysia, during October 27–30, 2025. He also received the Outstanding Research Article Award at the BITS Pilani Research Scholars Day on November 26, 2025.

Sai Sreekar PCV (2024AAPS0670P), Parth Satra (2023A8PS1266P), and Rebant Rana (2024A8PS0639P), under the guidance of Prof. Govind Prasad, secured First Place at “MakelnSilicon: National Symposium on Enabling Indigenous Semiconductor Infrastructure” held at IIIT Naya Raipur on November 8, 2025. Their poster titled “Radiation Hardened Memory for Space Systems” won the top prize along with a cash award of ₹10,000.

K. M. Neeraj (2023PHXF0045P) received the Outstanding Research Article Award for Research Scholars at BITS Pilani during Research Scholars Day on November 26, 2025.

Ms. Deepthi Godaba Venkata (Physics, Pilani Campus) received the 2nd Prize in oral presentation at the International Conference on Compact Object Astrophysics and Astronomy (COAA-2025) held at the Indian Institute of Technology (IIT) Jodhpur during December 10–12, 2025.

Ms. Arti Saini (Physics, Pilani Campus) received the Best Poster Presentation Award at the 3rd International Conference on Nanoscience and Nanotechnology (ICNAN 2025) held at VIT Vellore during December 16–19, 2025.

Ms. Athira C (Physics, Pilani Campus) received the Best Nanoscale Poster Award at the 3rd International Conference on Nanoscience and Nanotechnology (ICNAN 2025) held at VIT Vellore during December 16–19, 2025.

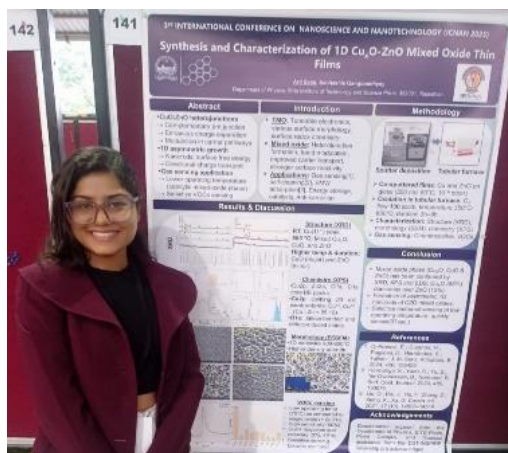
Ms. Neha Kukreti (Physics, Pilani Campus) received the Best Poster Award at the International Conference on Atomic, Molecular, Nano and Optical Physics with Applications (IAMNOP 2025) held at Jawaharlal Nehru University, New Delhi, during December 17–19, 2025.

Ms. Preeti Aggarwal (Physics, Pilani Campus) received the Best Poster Award at the 32nd National Conference on Liquid Crystals (NCLC 2025) held at BITS Pilani during November 20–22, 2025.

Ms. Sakshi Priya (2021PHXF0459P) has been awarded the “SYBS India Young Researcher Award” with a cash Prize of ten thousand Indian rupees (Pharmaceutical Sciences, Poster Presentation Category) at the 6th Science Conclave-cum-NBRCOM 2025, AIIMS Jodhpur, held from December 03-07, 2025.” for presenting her innovative research work on “Composite dissolving microneedle for the cutaneous delivery of 3-Acetyl-11-keto- β -boswellic acid in rheumatoid arthritis”.



Arti Saini (2022PHXF0060P) received Best Poster Presentation award at the 3rd International Conference on Nanoscience and Nanotechnology, during December 16-19, 2025, at Centre for Nanotechnology Research, VIT, Vellore, TN, India.



Introducing new faculty

S.No.	Name of Faculty	Designation	Department	Date of Joining
1.	Rakshanda Showkat	Assistant Professor, Gr-I	Civil Engineering	04/Aug/2025
2.	Guntu Ravikumar	Assistant Professor, Gr-I	Civil Engineering	04/Aug/2025
3.	Shrabana Tripathi	Visiting Faculty	Economics and Finance	04/Aug/2025
4.	Suruchi Shrimali	Assistant Professor, Gr-I	Economics and Finance	04/Aug/2025
5.	Yadukrishnan P	Assistant Professor, Gr-I	Biological Sciences	11/Aug/2025
6.	Jyoti Dua	Visiting Assistant Professor	Economics and Finance	18/Aug/2025
7.	Sanchari Thakur	Assistant Professor, Gr-I	Civil Engineering	06/Sep/2025
8.	Amit Kumar Jain	Assistant Professor, Gr-I	Mechanical Engineering	08/Sep/2025
9.	Niladri Chatterjee	Senior Professor	Mathematics	08/Oct/2025
10.	Rijubrata Kundu	Assistant Professor, Gr-I	Mathematics	15/Oct/2025
11.	Sushmita Basu	Assistant Professor, Gr-I	Biological Sciences	16/Oct/2025
12.	Maripini Himabindu	Assistant Professor, Gr-I	Civil Engineering	17/Oct/2025
13.	Srinibas Tripathy	Assistant Professor, Gr-I	Mechanical Engineering	27/Oct/2025
14.	Jigneshkumar Dahyabhai Prajapati	Assistant Professor, Gr-I	Biological Sciences	03/Nov/2025
15.	Hemant Sharma	Assistant Professor, Gr-I	Mechanical Engineering	26/Nov/2025
16.	Anish Rao	Assistant Professor, Gr-I	Chemistry	01/Dec/2025
17.	Veena Prabhakaran	Assistant Professor, Gr-I	CS&IS	20/Dec/2025

Editorial team



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Faculty In-charge, Publications and Media Relations



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(2024A7PS0547P)



Advait Pankaj Patro
(2024A7PS0677P)

Special Thanks:



Mr. Ramesh Sharma

Publications and Media Relations

mediaspeak



दैनिक मद्रक पत्रिका

बिट्स पिलानी के प्रमुख प्रबंध डेजिटल और वित्तीय चुनौतियों को ध्यान में रखते हुए...

दैनिक भास्कर, 12.08.2025

बिट्स पिलानी परिसर में सेना के जेसीओ के लिए प्रबंधन प्रशिक्षण कार्यक्रम का शुभारंभ

मद्रक पत्रिका

जयपुर स्थित कॉन्स्ट्रिक्टयूशन क्लब में आयोजित

डेजर्ट ब्लूम 3.0-नवाचार, स्थिरता और सहयोग के उपलक्ष्य में राजस्थान का सबसे बड़ा सूक्ष्म, लघु एवं मध्यम उद्यम सम्मेलन

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दैनिक भास्कर, 12.08.2025

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पत्रिका

स्विक मैके में राजस्थानी लोक संगीत संस्कृति हुई साकार

पिलानी कलाकारों के साथ अतिथि।

पिलानी, बिट्स पिलानी में स्विक मैके का आयोजन गुरुवार गया। संस्थान के जे.एन.ए.सी. सभागार में कार्यक्रम में राजस्थानी संस्कृति साकार होगी। ख्यात कलाकार डॉ. क. मंगनियार के नेतृत्व में सूफ़ी गीतों की अपने प्रस्तुति देकर माहौल में ख्यात कलाकार मोती...

बिट्स में इंस्टावर्ड साइंस आउटरीच कार्यक्रम हुआ

दैनिक भास्कर, 12.08.2025

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नवाचार • दोनों संस्थानों के सहयोग से विकसित होगी नई संभावनाएं, क्षमता निर्माण व शिक्षण पद्धतियों बिट्स व राजयूवास में अनुबंध, मिलकर करेंगे पशु विज्ञान क्षेत्र में रिसर्च

दोनों संस्थानों: समाधान करते संयोजन के प्रतिनिधित्व।

दैनिक भास्कर, 12.08.2025

इंजीनियरिंग व पशु चिकित्सा के संयोजन पर जोर

दैनिक भास्कर, 12.08.2025

बिट्स पिलानी में 'दिवि और वयूव' पर सर्टिफिकेशन कोर्स शुरू

दैनिक भास्कर, 12.08.2025

बिट्स पिलानी, पिलानी कैंपस के फार्मसी विभाग द्वारा वी.एम. मित्राल स्मृति व्याख्यान का सफल आयोजन

दैनिक भास्कर, 12.08.2025

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बिट्स पिलानी परिसर में गांधी जयंती और लोक सभ्यता दिवस के आयोजन

