

BITScan

Hyderabad Campus



Celebrations on Foundation Day

The 18th Foundation Day of BITS-Pilani Hyderabad was celebrated on 27th April, 2024, marking a significant milestone in the pursuit of educational excellence and innovation. This year's celebration highlighted the remarkable growth of the campus since the foundation stone was laid on 28th, 2007, by the late Chief Minister Y. S. Rajasekhara Reddy.

The event featured esteemed guests, including Prof. Krishanu Ray and Prof. D Balasubramanian, both distinguished figures in their fields and proud BITS alumni. Festivities began with a Digital Campus Tour, showcasing state-of-the-art facilities. A heartfelt tribute was paid to the late Mr. Ramesh (SWD), a cherished staff member, followed by a celebration of alumni achievements through an engaging slideshow.

Long-serving employees and vendors who have dedicated 15 years to BITS-Hyderabad were honored for their commitment. The second edition of BITStory, the Foundation Day magazine, was unveiled, and new initiatives aimed at enhancing staff well-being, such as 'Soulful Saturday,' were announced, along with the results of a competition to rename campus roads and buildings. The day concluded with a vibrant Cultural Program.



Prof. Soumyo Mukherji (Director BITS Hyderabad) Lighting the Lamp



Prof Yogeeswari (Dean BITS-Hyderabad) Planting a Sapling



Celebrating 15 of Service by Planting a Tree



Honouring Employees for Serving BITS-Hyderabad for 15 years

Women's Week Celebrations

International Women's Week was celebrated in BITS Pilani, (Hyderabad Campus) from 1st to 9th March, 2024. We had stalwarts visiting the campus and addressing the students, faculty, and community. These luminaries include the Honourable Governor of Telangana Dr. TAMILISAI Soundararajan, Saina Nehwal, Padma Shri Awardee Dr. Manjula Anagani among others. The Women's Week celebration had a number of events for not just faculty and students but also for outsourced employees. We also ensured that women leaders from campus were celebrated. Some of the events include an anemia camp for outsourced employees, a W/Talkathon, DJ night for women, self-healing and self-defence session by Rachakonda Security Council, kick-boxing workshop, medical camp and fun events and gifts for all women on campus. We also had special events conducted by ICC (Internal Compliance Committee) the first being a POSH awareness session in Telugu for outsourced employees and the second a session on gender lens for a balanced world by Dr. Sowjanya for students. An Indo US Panel on 'Navigating Cultural Difference: Women's Experiences, India and USA' with the US Consulate was conducted. The success of this week is attributed to the dedication of the Dean of Administration, Prof. P. YOGEESWARI and her team.



Celebrating Women's Week



Honourable Governor of Telangana Dr. TAMILISAI Soundararajan

T/Walkathon



Kick-box workshop

Indo US Panel Discussion

Through the Gender Lens for a Balanced World



BPHC Women's Day Event

Talk by Dr. Manjula Anagani

Confluence of Academic Ideas, Intellect and Information (Workshops / Conferences / Symposiums)

Valorization 2024 - International Conference on Science and Technology Integration for Circular Economy was organized by the Department of Biological Sciences.

Prof. P. Sankar Ganesh, Professor of Environmental Biotechnology, Department of Biological Sciences, along with the interdisciplinary faculty team of the DST-PURSE project at BITS Pilani, (Hyderabad Campus), conducted the 'Valorization 2024' conference on the 18th and 19th of January 2024, followed by a hands-on workshop on the 20th of January. The conference was inaugurated by Prof. Thallada Bhaskar from the CSIR-Indian Institute of Petroleum, Dehradun, and Prof. Sanket Goel, Dean of Research and Innovation (Institute-wide), BITS Pilani. There were 57 oral presentations, 8 poster presentations, and 7 invited lectures from national and international participants. A field visit to Biogas Plants was also arranged for workshop participants.



Valorization 2024

Novel Materials and Technologies for energy and environmental applications (NMTEEA)



NMTEEA

The Department of Chemical Engineering at BITS Pilani (Hyderabad Campus) organized the second edition of the international conference titled 'Novel Materials and

Technologies for energy and environmental applications (NMTEEA)' on 17th and 18th February, 2024. Padma Vibhushan Prof. M. M. Sharma graced the occasion on the inaugural day of the conference. It was followed by many distinguished lecturers across the country's premiere institutions who delivered their valuable insights on novel material. This was followed by many parallel sessions and keynote speakers throughout the event. Participants from various higher educational institutions across India attended the seminar and took part in different scientific sessions such as oral presentation, poster presentation.

Impact of Emerging Technologies and Challenges in Hardware Security and Transition to Post Quantum Cryptography

The EEE Department, in collaboration with the Innovation and Incubation Centre (IIC) at BITS Pilani (Hyderabad Campus), organized an insightful expert talk on the topic 'Impact of Emerging Technologies and Challenges in Hardware Security and Transition to Post Quantum Cryptography'. The talk was held on 2nd March 2024, by Dr. K. K. Soundra Pandian, a distinguished expert in the field of Post-Quantum Cryptography and Hardware Security. Bringing together experts, students, and academicians, it served as an engaging platform to explore the details of post-quantum cryptography and hardware security. Dr. Pandian's insightful talk provided attendees with valuable firsthand insights into new technologies, challenges, and possible solutions.

INDUSTRY DAY, 2024

The Department of Mechanical Engineering and Department of Electrical and Electronics Engineering at the BITS-Pilani (Hyderabad Campus) jointly organized an Industry Day on 20th April, to foster long-term academic and research collaborations at multiple levels with leading experts from industries and highlight the ongoing research endeavors at the institute. Senior professionals from around fifteen industries, including Qualcomm, Micron, ZF Group, Adani,

Cyient, Microsoft, Continental, Vector, Kalyani Power Trains, Tran Technologies, and Agilent attended the event and actively participated in discussions at multiple levels with the institute faculty and research scholars, exploring future possibilities of co-funded research projects, faculty industry-immersion programs, and placement opportunities of current research scholars.

RISC-Volution: Navigating NoC, Caches, and Architectures for Tomorrow's Tech

A one-day workshop on 'RISC-Volution: Navigating NoC, Caches, and Architectures for Tomorrow's Tech' was held at the Electrical and Electronics Engineering (EEE) Department, BITS Pilani, (Hyderabad Campus) on 3rd February. It was an insightful and engaging event for anyone interested in the field of processor architecture.



RISC-Volution

National Symposium on Current Trends in Pharmaceutical Sciences (CTPS) – 2024

The Department of Pharmacy organized a one-day 'National Symposium on Current Trends in Pharmaceutical Sciences (CTPS) – 2024' on 29th April, 2024. This was the 8th series of annual symposium organized annually by the Department of Pharmacy. The symposium aimed to discuss the recent advances in the domains of drug discovery, drug development, and pharmacokinetics. The event was inaugurated by Dr. A Ramkishan, Deputy Drug Controller (India) CDSCO Hyderabad Zone. A keynote talk was delivered by Prof. Srinivasa Reddy, Director CSIR-IICT Hyderabad. Around 130 participants from various

higher educational institutions across India attended the symposium.

Workshop on 'Dynamic Testing of Base Isolation System'

The Department of Civil Engineering conducted a workshop on 'Dynamic Testing of Base Isolation System' on March 15, 2024. Base Isolation is an engineering strategy to minimize vibrations and enhance structural resilience during earthquakes by introducing flexible isolators between a building and its foundation.



Dynamic Testing of Base Isolation System

Urban Flood Modelling in a Changing Climate

The Department of Civil Engineering organized a one-week workshop on 'Urban Flood Modelling in a Changing Climate' sponsored by the ISRO Disaster Management Support Capacity Building Program, at BITS Pilani (Hyderabad Campus) from 6th to 12th June, 2024. This was a sponsored workshop in collaboration with IIRS Dehradun in which 25 participants from across India's premiere institutions participated.



Urban Flood Modelling in a Changing Climate workshop

Modern Ground Improvement Techniques

The Department of Civil Engineering hosted a half day workshop on 'Modern Ground Improvement Techniques' as a part of IGS student chapter in association with the Indian Geotechnical Society Hyderabad Chapter.



Modern Ground Improvement Techniques workshop

Annual Conference in Economics and Finance

The Department of Economics and Finance held its fifth edition of the 'Annual Conference in Economics and Finance' on February 8th and 9th, 2024. Esteemed speakers included Prof. Sanjay Kallapur from the Indian School of Business and Prof. Vinish Kathuria from the Institute of Development Studies, Jaipur. The conference addressed various pertinent topics, including education, health, trade, gender issues, climate change, and finance.

Prof Saikat Sinha Roy from Jadavpur University had Interaction with PhD Students hosted by Department of Economics and Finance on 20th April, 2024.

InspireXcellence 2024 Workshop

'InspireXcellence 2024' workshop, hosted by HR department, took place on 11th and 12th March, 2024, at the BITS Pilani (Hyderabad Campus). This insightful two-day event was tailored for our senior leaders, including Associate Deans, Heads of Departments, Faculty Incharges, and Divisional Heads. The workshop was expertly led by Mr. Subramanian Narayan, a distinguished OD Consultant, Executive Coach, and Professional Speaker from Renenergetics Consulting. Mr. Narayan's extensive expertise in organizational development and leadership coaching

made for an engaging and impactful experience for all participants.

International Conference / Seminar / Workshop

Department of Biological Sciences

Dr. Nishith Gupta from the Department of Biological Sciences attended a conference on 'Network Design Principles of Intracellular Parasitism' at The Institute of Scientific & Industrial Research, Osaka University, Japan, hosted on 14th May 2024.

He also collaborated with Department of Chemistry & Biochemistry, Ruhr University, Bochum, Germany for a presentation on 'Membrane Biogenesis in Toxoplasma gondii' at the, hosted on 6th June 2024.

Dr. Nishith Gupta from the Department of Biological Sciences collaborated with the Department of Vaccine Development, Application & Research Center, Ege University, Izmir, Turkey for a presentation on 'A Cell within a Cell', hosted on 31st May 2024.

Department of Electrical and Electronics Engineering

Dr. Ankur Bhattacharjee from the Department of Electrical and Electronics Engineering collaborated with the Department of Electrical and Electronics Engineering, University of Exeter, UK, on 'High capacity Battery Storage for large-scale Renewable Energy Integration', hosted between 30th May to 20th July 2024.

Department of Mathematics

Prof. B. Mishra from the Department of Mathematics, delivered a talk on 'Stability and Dynamics of Symmetric Teleparallel Gravity with Boundary Term' at Mahidol University, Thailand between 10th to 14th June 2024.

Prof. Nijjwal Karak from the Department of Mathematics, was part of a collaborative visit to the Department of Mathematics at Warsaw University of Technology, Warsaw, Poland, hosted between 16th to 28th June 2024.

Prof. Sumit Kumar Vishwakarma from the Department of Mathematics, was part of a collaborative visit at Tokyo

University of Science, Tokyo, and was invited for a talk on 'Anti-plane Shear Waves in a Strain-Gradient LoH Model' at a workshop Waves and Vibration hosted between 5th to 18th January 2024.

Prof. Sumit Kumar Vishwakarma from the Department of Mathematics presented a paper at the Tokyo Institute of Technology, Tokyo on 'A Cell-Centered Implicit Finite Difference Method to simulate 2D and 3D waves', hosted on 18th January 2024.

Department of Pharmacy

Prof. Nirmal Jayabalan from the Department of Pharmacy presented a poster on 'Biocompatible nanomicelles to improve the therapeutic outcome of water insoluble drugs to treat anterior segment diseases' at ARVO Annual Meeting at Seattle, USA, hosted between 5th May to 9th May, 2024.

Prof. Nirmal Jayabalan from the Department of Pharmacy presented a poster on 'Topical Eye Drop to Prevent the Entry of Anticancer Drugs into the Eye' at ARVO Annual Meeting, Seattle, USA, hosted between 1st May to 9th May, 2024.

Prof. Akash Chaurasiya from the Department of Pharmacy, presented a poster on 'Exploring novel approaches to develop an efficient lyophilization process for the stabilization of drug-loaded colloidal liposomes', Organized by ELSEVIER, Spain, hosted between 9th June and 12th June, 2024.

Prof. Harihara Venkataraman, from the Department of Physics, was part of an academic visit to Rensselaer Poly Tech Inst, Troy, NY, USA, hosted between 19th May to 19th July, 2024.

Faculty Awards

- Prof. Jaideep Chatterjee was awarded a Certificate of Appreciation by IISER Pune at the 24th International Symposium on Surfactants in Solution.
- Prof. I Sreedhar was awarded 'Dr. C. R. Mitra Best Faculty Award' by Prof. V. S. Rao Foundation-BITS, Hyderabad.
- Prof. Satyapaul A Singh was awarded the 'Bharat Gaurav Puraskar' by KTK Outstanding Achievers and Education Foundation, New Delhi at the KTK Outstanding Achievers and Education Foundation.
- Prof. Lyman Abrar was awarded the 'Bharat Gaurav Puraskar' by KTK Outstanding Achievers and Education Foundation, New Delhi at the KTK Outstanding Achievers and Education Foundation.
- Prof. B. M. Reddy is a Life Fellow at Indian Chemical Society (ICS), Calcutta, and Fellow at International Artificial Intelligence Industry Alliance (AIIA), Hong Kong. He is also on the Editorial Board of Discover Catalysis at Springer Nature, Germany and Associate Editor, Innovation Discovery at Innovation Forever Publishing Group Limited, Hong Kong.
- Prof. K. V. G. Chandrasekhar was admitted as a Fellow of Royal Society of Chemistry at Royal Society of Chemistry, London.
- Prof. P. K. Sahoo was acclaimed as outstanding reviewer by the Canadian Journal of Physics.
- Prof. Kundan Kumar Singh and Prof. Shuvadeep Maity were awarded the SERB-ITS Travel, travel Award.
- Prof. Mini Thomas received the Early Career Research Award organized by the United Nations ESCAP, Bangkok, for the paper titled - Digital Trade and Wealth Inequality: Evidence from Asia Pacific Region in February 2024.

Student Awards/ Achievements

Department of Biology

- Peddiraju N. V. S. J. Swaroop received an international travel grant from Federation of European Microbiological Societies.
- Rolly Kumari received an international travel grant from Federation of European Microbiological Societies.
- Sharon Mariam Abraham was awarded consolation and cash prize in the best poster presentation category at the 'International Conference of Translational Neurosciences: Bridging gap between bench to bedside', held at Jamia Hamdard, New Delhi, from 18th to 24th April, 2024.
- Priyanka Chakravarti was part of the Indo-Japan Exchange Visit organized by DST-JSPS from 19th January to 1st February, 2024.
- Ratnesh Kumar Srivastav was part of the Indo-Japan Exchange Visit organized by DST-JSPS from 19th January to 1st February, 2024.

Department of Chemical Engineering

- Krish Jain mentored by Prof. Lyman Abrar, received the Best Oral Presentation in Energy category at Novel Materials and Technologies for energy and environmental applications (NMTEEA).
- Sathish Kumar G mentored by Prof. Arnab Dutta received Best Oral Presentation in Modeling & Simulation category at Novel Materials and Technologies for energy and environmental applications (NMTEEA)
- Sivasakthi Raghavendar, mentored by Prof. D. Purnima, received Best Oral Presentation in Polymer category at Novel Materials and Technologies for energy and environmental applications (NMTEEA)

Department of Mathematics

- Nitin Kumar Sharma received ACNS Student Travel Grant organized at Abu Dhabi, UAE.
- Tapaswini Patro received funding from the University of Strathclyde, Glasgow, U.K to attend the INSQT Workshop organised at University of Strathclyde, Glasgow, U.K
- Sai Swagat Mishra received financial grant to attend COSMOGRAVITAS conference held in Thailand by the

Anusandhan National Research Foundation (ANRF), SERB under the International Travel Support (ITS) scheme, Govt of India.

- Sangeeta Dhawan received financial grant to attend ICDEA 2024 conference held in Paris, France by the Anusandhan National Research Foundation (ANRF), SERB DST, Government of India under International Travel support (ITS) scheme, Govt of India.
- Raja Solanki received the Best Paper Award from the The Tensor Society, India.

Department of Mechanical Engineering

- George Yuvaraj received a 'Certificate of Reviewing' from ISA Transactions, Publisher: Elsevier and MEAAC Organising Committee, 2nd International Conference on Mechanics, Electronics, Automation and Automatic Control ORDOS, China.
- George Yuvaraj received 'Certificate of recognition' for outstanding contribution as editor for book titled 'Futuristic Trends in Robotics & Automation Volume 3 Book 1' from Iterative International Publishers.
- Ahsan ul Haq was awarded 'CSIR-Senior Research Fellowship' by Council of Scientific and Industrial Research.
- Kaki Ramesh received 'Overseas Doctoral Visiting Fellowship' from Science and Engineering Research Board, Purdue University.

Department of Pharmacy

- Ashutosh Mahale received the first prize in the best oral presentation award from (NNOVATE-2024) held at BITS-Pilani, Pilani-Campus, for the work entitled- Combination of 5-FU and TSA to overcome IL-1B mediated 5-FU induced chemo resistance in oral squamous cell carcinoma.
- Sonam Dolma received the Best Poster Presentation Award for outstanding performance and achieving 3rd place in the poster presentation, the topic of the poster is Korean Red Ginseng mitigates Vincristine9induced peripheral Neuropathy by regulating NLRP-mediated Neuro inflammation, 9th March, 2024.

- Shishira P. S. received 'Award of INSPIRE Fellowship' from the Department of Science and Technology.
- P. S. Lakshmi Soukya received the CSIR Foreign Travel Grant from BIRAC Biotechnology Indian Research Assistant council, Anna University Chennai.
- Soumil Sen received Fellowship for Internship from Sciences Western Switzerland, Faculty of Engineering and Architecture, Boulevard de Fribourg, Switzerland.

Department of Physics

- Ronit Mahapatra received the Young Scientist International travel grant, DST India from ANRF (Formerly SERB).

Department of Economics and Finance

- Tanaji Pavani Prabha received the Best Research Paper Reward from IIMS Pune on 2nd January 2024. She also received the Best Paper Award at the 4th International Conference on Sustainable Development A Value Chain Perspective, SDVP-24 organized by MDI Murshidabad on 2nd February 2024.
- Soumya S. Panda received the Best Paper Award at Policy Conflux, Christ (Deemed to be University), Bengaluru on 6th March 2024.

Institution's Innovation Council (IIC)

- Organised a talk on 'Mixed Signal Approaches for Machine Learning Hardware' by Prof. Bibhu Datta Sahoo, University at Buffalo, State University of New York (SUNY) held on 16th January 2024.
- Center for Research Excellence in Semiconductor Technologies (CREST) and IIC organised a lecture by:
 - Prof. Suraj Rengarajan, the Chief Technology Officer (CTO) at Applied Materials India on 17th January, 2024
 - Prof. Muhammad Ashraful Alam on 'Challenges in field-deployed electronics and sensors and the effective implementation of these systems' on 21st February 2024
 - Prof. Krishna Saraswat (Stanford University) on '75 Years of Semiconductor Integration' on 13th March 2024.
- Dr. Prith Banerjee, Chief Technology Officer at ANSYS on 'Future of Simulation Driven Product Innovation' on 21st March 2024.
- Dr. Mukesh V Khare on 'Inventing What's Next in Semiconductors' on 22nd April 2024
- Mr. Binod Kumar G Nair, Director of Yield Engineering Global Foundries, on 'Semiconductor industry trends and critical role of feature-rich Technologies' on 24th May 2024.
- Prof. Ravinder Dahiya, Professor Northeastern University Boston, USA on 'High-Performance Printed Electronics', on 28th June 2024.
- The Research & Innovation Cell in collaboration with the IIC organised a talk on '6 Points Understanding of Climate Change and Corrective Actions' by Prof. Chetan Singh Solanki, IIT Bombay on 18th January, 2024.
- 'After Hours' is a 12-hour development hackathon conducted from 27th to 28th January 2024 by Innovation Cell. The event was organized to provide a platform for participants to showcase their creativity and problem-solving skills.
- Organised a one-day workshop on 'RISC-Volution: Navigating NoC, Caches, and Architectures for Tomorrow's Tech' was organized by the Electrical and Electronics Engineering Department in collaboration with SPARC, MHRD, and IIC on 3rd February 2024.
- IIC and ICELL invited a group of students and teachers from Meridian School to visit our facilities for an educational tour on 3rd February 2024.
- Organised a workshop on 'Forge Minds in 3D' was conducted on 17th February, 2024. It drew a diverse group keen to explore the intricacies of CAD (Computer-Aided Design) and 3D printing.
- A team of 35 students from E-Cell visited the T-Hub on 18th February 2024. This visit featured a panel discussion with successful start-up founders, including the founder of 'Fitness Funda' sharing their experiences.
- During launchpad Mr. Vinod Dham, known as the Father of the Pentium Chip, delivered an insightful talk and engaged in a lively in-class discussion on 24th February

2024. A Session on Achieving Problem-Solution Fit and Product-Market Fit. i.e. Ground Reality and Beyond Profit was conducted on 25th February 2024. The Ground Reality Business idea competition focused on innovation, with nearly 200 initial applicants. Beyond Profits focused on socially responsible businesses with a positive social/ environmental impact.

- A Teen Tycoons Tournament was a unique inter-school business case study competition tailored for young and innovative minds and was organized by E-CELL students on 24th February 2024. Students presented startup ideas relevant to their generation.
- Pitcher's Pilot, a shark tank-like event was held on 25th February, 2024. The event features investors like Vatsal Kanakiya (CEO, 100x VC), Aditya Arora (CEO, Faad Capital), Vikram Mahajan (Partner, Unicorn India Ventures), Ajay Jain (Silver Needle Ventures), and Ridhi Shah (Angel Investor). Students learned about different startup ideas, pitching strategies, and investor considerations.
- Organized the Tech expo on the occasion of National Science Day held on 28th February 2024. As part of the Tech Expo, the students, faculty, and start-ups projects were displayed.
- Department of Electrical and Electronics Engineering in collaboration with IIC, hosted Dr. K. K. Soundra Pandian, a distinguished Scientist from Meity, who delivered a talk titled: 'Impact of Emerging Technologies and Challenges in Hardware Security and Transition to Post Quantum Cryptography on 2nd March 2024.
- Organized an insightful 'Workshop on Sensor Development and Prototype on 7th March 2024
- A talk was delivered by Mr. R B Karthik Aamanchi, Srimaharshi Research Institute of Vedic Technology (SRIVT), titled 'Advanced Science and Technologies in Ancient India' on 21st March, 2024.
- An interactive session with Col Anurag Awasthi, who is a renowned expert in Public Policy and currently serves as the Vice President of the India Electronics and

Semiconductor Association (IESA), was held on 18th April 2024.

- The Electrical and Electronics Engineering and Mechanical Departments in collaboration with IIC hosted its 1st Edition of Industry Day and held on 20th April 2024.
- An interaction and talk with Prof. T. Prasad from IIM, Mumbai was held on 29th April 2024. This session offered students a deep understanding of Entrepreneurship, Organizational Culture, Student Start-ups, and Entrepreneurial Pedagogies.
- An interaction and talk titled 'Enabling Molecular Diagnosis through Simplified Products and Workflow' with Dr. Rahul Sharma, Co-founder and CSO of Scienetix was held on 3rd May 2024.
- A workshop, titled 'Exploring Intellectual Property: From Concept to Protection - A Novelty Check Workshop,' was held on World Intellectual Property Day 4th May 2024
- Department of Electrical and Electronics Engineering in collaboration with IIC, hosted Mr. Subhra Kanti Das, The Head of Research and Technology at Thales' Engineering Competence Center (ECC) on 30th May 2024.

Technology Business Incubator Society (TBIS)

- Celebrated National Startup Day and hosted Mr. Anuj Batra, Director at Abstrat Partners and former CEO of Birla Global Corp, who spoke on 'Incubate to Elevate: Unleash the Power of Startup Success.'
- Hosted 'Pitch Perfect' a B-Plan competition for early-stage innovators organized under LaunchPad'23. Pitch Perfect was sponsored by TBI and Yogee's Bioinnovation Pvt Ltd in partnership with the Institute Innovation Council and E-Cell, BITS Pilani (Hyderabad Campus).
- Organized a masterclass on 'Introduction to Lean Canvas' by Mr. Shreeram Iyer, Managing Partner at Tecnomist Ventures and a BITS Pilani alumnus, on 9th April 2024.

- In partnership with IKP Knowledge Park, hosted an Awareness Session on the BIRAC-BIG Scheme on 24th April, 2024. The event focused on advancing bio-entrepreneurship through strategic collaborations.

MoUs Signed

Name of Organization	Date of Signing (DD-MM-YYYY)
Sparsha Care Private Limited	09-03-2024
Zero Matter Private Limited	29-05-2024
ARONO AI Private Limited	01-06-2024
Jagruthi Environmental Solutions Private Limited	18-06-2024
ICICI Bank Pvt Ltd	18-04-2024

International Programmes and Collaboration Division (IPCD)

- The International Programmes and Collaborations Division (IPCD) hosted an informative session for students with Dr. Swagat Saurav Mishra from the University of Nottingham, UK, on 11th January, 2024. The session, titled 'Cosmic Inflation, Large Quantum Fluctuations, and Primordial Black Holes', offered students a unique chance to engage with the professor and delve into a stimulating discussion on the subject.
- The International Programmes and Collaborations Division (IPCD) hosted a virtual session with Mr. Bharat Karra from ETS India on 24th January, 2024. The session, titled 'De-Mystifying the New and Shorter TOEFL and GRE', provided students with valuable insights.
- IPCD hosted a virtual information session with Prof. Geng Xuesong and Ms. Lynn Aw from Singapore Management University on 15th February, 2024. The session, titled 'Exploring the Master's in Management (MiM) Programme', was specifically designed for students and provided valuable insights into the programme details, benefits, and application process.

Alumni Relations Division & Student Alumni Relations Cell

Alumni Relations

- The Student Alumni Relations Cell, Hyderabad Campus hosted the 'Batch Reunion of 2012 and 2013' on January 21st, 2024 at BITS Pilani (Hyderabad Campus).



Batch Reunion of 2012 and 2013

- Tree Plantation drive was held at BITS Pilani (Hyderabad Campus) by the Director Prof. Soumyo Mukherji, Associate Dean of Alumni Relations Division Prof. Aruna Malapati and alumni from 2008-12 & 13 Batch.



Tree Plantation Drive

- The Student Alumni Relations Cell held an 'Ask Me Anything session' with distinguished alumni for students on 8th February 2024.



Interactive Session

- On 9th February, 2024, Mr. Manoj Gupta, Former MD & ExCo Member, highlighted the importance of integrating technological advancements with conscious leadership. Drawing insights from his work and recent book, 'The Consciouspreneur', he discussed how digitalisation influences leadership and personal growth.



Talk by Manoj Gupta

- Student Alumni Relations Cell with Automation and Robotics Club conducted an online talk by Mr. Raghavender Sahdev who provided a glimpse into the future of robotics. As the CEO of NuPort Robotics and a Forbes 30 Under 30 honoree, Sahdev shared insights on the impact of AI and automation in industries like transportation, highlighting his company's work with autonomous driving systems.

- On 14th April, 2024, in collaboration with BITS Pilani (Hyderabad Campus), the Student Alumni Relation Cell Consulting Group, a session titled 'Building Billion Dollar Products' was delivered by Ms. Mythreyee Ganapathy (Product Leader at Google).



Talk by Ms. Mythreyee Ganapathy

The Student Alumni Relations Cell, Hyderabad campus organized Graduands Farewell Dinner at BITS-Pilani, (Hyderabad Campus) on Friday, 26th April, 2024. It was a momentous occasion, symbolizing the culmination of years of hard work and dedication.



Prof Yogeewari (Dean) and Prof. Soumyo Mukherji (Director)

The Student Alumni Relations Cell in collaboration with BITSAA International conducted an 'Ask Alumni Anything' session, on 29th April, 2024 where Ms. Sandhya Prakash and Mr. Srikanth were both keen to know more about the various issues faced by on-campus students.



Ask Alumni Anything session with Sandhya Prakash and Srikanth

On 8th June, 2024, The Student Alumni Relations Cell, BITS Pilani (Hyderabad Campus) held a special session 'PS2 Decoded' in collaboration with BITSAA International.

PS2 Decoded

The Student Alumni Relations Cell, BITS-Pilani, Hyderabad Campus started a series '#WeekendwithSARC' where various events like AMA, webinars, discussions etc. every weekend. The first AMA session was held on 15th June, 2024 with Kriti Goyal, Amit Agarwal (Gold Medalist BITS Goa 2014-2018), Vishnu Ramesh (Founder subtl.ai).

Ask Alumni Anything

Teaching Learning Centre

- The Teaching Learning Centre organized an international conference 'Education 2.0: New Horizons in Teaching, Learning, and Assessment' on 3rd and 4th January.
- A workshop for research scholars on 'Effective Writing and Presentation Skills' was hosted on the 3rd of February.
- Workshop for newly inducted Research Scholars was organized on the 24th of February.
- The TLC Eminent Speaker Lecture by Prof. Dhruv Raina on 'Institutions and Theories of Knowledge' was hosted on 26th March and Padma Bhushan Prof. M. S. Raghunathan on 'Scientific Temper' was hosted on 3rd April.

Invited Lectures by Faculty

Department of Biology

- Prof Nishith Gupta delivered a talk on 'PtdSer and Ptd Thr-mediated regulation of lytic cycle in Toxoplasma' at the Global Symposium on Toxoplasma on 21st March 2024.
- Dr. Ruchi Jain Dey was invited for an expert talk entitled 'Secure Transportation of Valuable Biological Materials' at 'Biosecurity Workshop for Researchers Working with Plant Toxins and their Source Material' organized by Federation of Asian Biotech Associations (FABA), Health security partners (USA) and U.S. State Department's Biosecurity Engagement Program (BEP) on 8th February, 2024.
- Dr. Ruchi Jain Dey was invited to the National Science Day for Keynote address entitled 'Indigenous innovations in drug design & diagnostics with special emphasis on Tuberculosis', organized by ICMR- National Institute of Research In Tribal Health, Jabalpur on National Science Day on 28th February, 2024.
- Dr. Ruchi Jain Dey delivered a talk on 'CRISPR revolutionizing precision microbiology: an emerging Toolkit for genetic engineers', organized by ICAR-NINFET (National Institute of Natural fiber engineering and technology', Kolkata on 27th March, 2024.
- Dr. Ruchi Jain Dey invited for an expert talk entitled 'Introduction to Eight pillars of Biosecurity: Mitigation Strategies' at a 3-day workshop named, 'Biosecurity for Laboratories Working with Toxins: A Train-the-Trainer

Program', organized by Federation of Asian Biotech Associations (FABA), Health security partners (USA) and U.S. State Department's Biosecurity Engagement Program (BEP) from 29th to 31st July, 2024 at Hyderabad (International).

- Prof. Nishith Gupta delivered a talk on 'Network Design Principles of Intracellular Parasitism' at Osaka University, Japan on 14th May 2024.

Department of Chemical Engineering

- Prof. Jaideep Chatterjee delivered a talk on 'Destabilization of oil-droplets adhering to practical solid surfaces with surfactant solutions' at the 24th International Symposium organized at BITS-Pilani Goa Campus from 16th to 20th June 2024.
- Prof. Jaideep Chatterjee delivered a talk on 'Satellite Surfactants in Solution' at the 24th International Symposium organized at IISER Pune on 21st June 2024.
- Prof. Nandini Bhandaru delivered a talk on Self-organization Based Fabrication of Functional Surfaces and their Applications at the Soft Matter Young Investigator Meet 2024, organized at IIT Madras in June 2024.
- Prof. I. Sreedhar delivered a talk on Recent advances in Co₂ Methanation -A clean & Green Route of Co₂ Utilization at the National Conference on Green Energy Technologies for Sustainability (NCGETS-2024) organized at Pondicherry University on 21st & 22nd March 2024.
- Prof. I. Sreedhar delivered a talk on Comparative Analysis of Various Green Absorbents in Carbon Capture at the 4th International Conference on Pure and Applied Chemistry (IconPAC-2024) organized at KL University on 2nd and 3rd February, 2024.

Department of Chemistry

- Dr. Manab Chakravarty delivered a talk on 'Emitting platform for concentration-tuned response to crucial biogenic amines: Controlling protein-rich food spoilage' organized at IISER-Bhopal on 18th June, 2024.
- Prof. B. M. Reddy delivered a talk on 'Novel Nanosized Metal Oxide Catalysts for Energy and Environmental Applications' at Science Academies (Bangalore) Lecture Workshop on Recent Advances in Materials Science at Government Degree College, Nagari, AP, India on 18th March, 2024.

- Prof. B. M. Reddy delivered a talk on 'Advanced Synthesis of Nano-Materials for Various Applications at the Science Academies' (Bangalore) Lecture Workshop on Recent Advances in Materials Science on 19th March, 2024.
- Prof. Durba Roy delivered a talk on 'Computer simulation of complex systems at atomic level' at UGC Malaviya Mission Teacher Training Centre at the University of Hyderabad on 2nd February, 2024.
- Prof. Balaji Gopalan delivered a talk on 'Solid-state synthesis of various nano-systems for applications in catalysis and agriculture' at Malaviya Mission Teacher Training Centre(MMTTC), University of Hyderabad, on 2nd February, 2024.
- Prof. N. Rajesh delivered a talk on 'Impact and Remediation of metals, pesticide residues and prudent selection of analytical method- Challenges and Opportunities' at CTAC-2023 conference at BARC Mumbai from 6th to 9th March, 2024.
- Prof. N. Rajesh was part of a Panel Discussion on 'Opportunities and challenges for Sustainability and Net Zero transition in chemical and Pharma Industry' at Chem Pharma Summit-2024 Hyderabad on 21st June, 2024.
- Prof. Subit Kumar Saha delivered a talk on 'Structural effect of surfactants on the compaction of ct-DNA in the presence of silica nanoparticles: Presenting highly efficient gene delivery vectors organized' at the 24th International Symposium on Surfactants in Solution (SIS 2024) from 16th to 20th June, 2024.
- Prof. Subit Kumar Saha delivered a talk on 'Compaction of DNA by gemini surfactants-coated nanoparticles: Properties of materials, role of spacers, and biological testing for gene delivery' delivered at the Satellite One-Day Symposium on Surfactants in Solution on 21st June, 2024.
- Prof. Tanmay Chatterjee delivered a talk on 'Iodine Catalyzed Chalcogenative C-H Annulation and Functionalization Reactions in Water: A Green Synthetic Approach to Potential Organo Chalcogens organized' at University of Hyderabad from 15th to 17th January, 2024.
- Prof. Tanmay Chatterjee delivered a talk on 'Cascade Radical Addition and Cyclization Strategy with Chalcones to Access 4-(Trifluoromethyl) isoxazoles: A Potential Class of Anti-Breast Cancer Agent organized' at Indian Institute of Chemical Technology (IICT), Hyderabad from 7th to 9th March, 2024.

- Dr. Pralok Kumar Samanta delivered a talk on 'Modeling Excited State Properties and Processes in Various OLED Emitters' at the 3rd International Conference on Materials Genome (ICMG - III) organized at SRM University – Amaravati, Andhra Pradesh on 24th February, 2024.

Department of Civil Engineering

- Prof Vinayaka Ram attended a workshop on 'High-Performance Self-Compacting Concrete (SCC) with Recycled Aggregates' at CSIR – Structural Engineering Research Centre (SERC), Chennai on 29th February, 2024.
- Prof. Prasanta Sahu delivered a talk on 'Freight Demand Models Using Limited Data for Facility Planning in Resource-Constrained Regions' organised at National Institute of Technology Durgapur on 12th March 2024.
- Dr A Raghuram delivered a talk on 'Theoretical Explanation: Soil Gradation Analysis, Sand Replacement Test (FD), Pycnometer Test, Proctor Compaction Test, Core Cutter, Plastic Limit, Liquid Limit, CBR Test' organized at Engineering Staff College of India (ESCI), Hyderabad on 6th and 7th July, 2024.
- Prof. Prasanta Sahu delivered a talk on 'Truck Trip and Pavement Design' organized by School of Planning and Architecture Bhopal on 3rd April, 2024.
- Prof. Prasanta Sahu delivered a talk on 'Data Analysis Techniques for Urban Freight Operations' organized by National Institute of Technology Warangal on 27th June, 2024.
- Prof. A Vasan attended a One-week Short-term Training Programme on Soft Computing Techniques and its Applications in Engineering titled 'Engineering Optimization Using Nature Inspired Algorithms', organized at Shri Guru Gobind Singhji Institute of Engineering and Technology (SGGSI&T) Nanded, on 15th March, 2024.
- Prof. K Srinivas Raju attended a One-week Short-term Training Programme on Soft Computing Techniques and its Applications in Engineering titled 'Artificial Neural Networks in Engineering' on 15th March, 2024
- Prof. K Srinivas Raju attended a workshop on 'Flood Susceptibility Assessment in climate change' using Machine Learning at JNTU, Hyderabad on 28th June, 2024.

Department of Electrical and Electronics Engineering

- Dr Amit Kumar Panda delivered a guest lecture on 'Recent Trends in System Design Approach' organized at KL University, Vijayawada on 29th March 2024.
- Dr Amit Kumar Panda Sponsored Five Days Karyashala On 'Artificial Intelligence (AI) for Smart Sensing and Internet of Everything (IoE)' titled Enabling Smart Reconfigurable Computing Devices: FPGA-Based Hardware-Software Co-Design Approach for Efficient IoT Edge Computing at RGIPT, Jais, Amethi on 13th February 2024.
- Dr Amit Kumar Panda Sponsored Five Days Karyashala On 'Development of Nano-Robots and Their Potential Applications' titled Role of FPGA-Based Hardware-Software Co-Design Approach in Edge Computing Solutions for Nanorobotics Applications organized at NIT Jamshedpur on 17th March, 2024.

Department of Humanities and Social Sciences

- Prof Lavanya Suresh presented a paper at the Workshop on 'the Study of Commons organized by Foundation for Ecological Security (FES)', Gujarat on 6th and 7th April, 2024.
- Prof Biswanath Dash presented a paper titled 'Psychosocial care in Disaster Management' at Odisha State Disaster Mitigation Authority, Bhubaneswar on 7th March, 2024.
- Prof T Vijay Kumar delivered a virtual talk on 'English Studies in India', Refresher Course, organized by UGC-HRDC, University of Hyderabad on 2nd January 2024.
- Prof T Vijay Kumar delivered a talk on 'India's Soft Power International Participants of College of Defence Management for 'Discover India Program' organized by College of Defence Management on 22nd February 2024.
- Prof T Vijay Kumar conducted a workshop on 'Project Work organized' at Osmania University on 20th April 2024.
- Prof Shilpaa Anand was Invited as a discussant for a session on 'Neurodiversity and Care Workshop (International)' organized at IIT Hyderabad on 13th January 2024.
- Prof Shilpaa Anand was invited as moderator of a panel titled 'Vignettes of Special Worlds' organized at Hyderabad Literary Festival on 22nd January 2024.
- Prof Shilpaa Anand was the co-organizer as part of the India Foundation for the Arts, Arts Research Grant titled

'Access Cultures and Faith: An Interactive Exhibition' organized at IIT Madras on 17th February 2024.

- Prof Shilpaa Anand delivered a talk on 'Social Justice and Disability Metaphors' organized at The English and Foreign Languages University (EFLU), Hyderabad on 28th February 2024.
- Prof Shilpaa Anand delivered a talk on 'History, Historiography and Genealogy' organized at NALSAR University of Law, Hyderabad on 2nd March 2024.
- Prof Shilpaa Anand delivered a talk on 'The Courts and The Constitution-2023 in Review' Conference organized at NALSAR University of Law, Hyderabad on 31st March 2024.
- Prof Shilpaa Anand delivered a talk on 'Literary Cultures of Disability' organized at Motilal Nehru College, Delhi on 7th May 2024.
- Prof Spandan Bhattacharya was the Resource person for the Refresher Course in Film Studies, titled 'Bengali film culture in transition' organized by UGC MMTTC University of Calicut on 14th March 2024.
- Prof Santosh Mahapatra was the Resource person to conduct a workshop in 'an FDP on Teaching Learning: Strategies workshop conducted by WILP' at BITS-Pilani on 30th June 2024.
- Prof Santosh Mahapatra was the Resource person to conduct a workshop in 'an FDP on Assessment Strategies: Basic Principles of Assessment' organized by WILP at BITS-Pilani on 20th June 2024.
- Prof Santosh Mahapatra was Invited to conduct a session for students on 'Editing and Proofreading with Gen AI' at VIT, Chennai on 22nd April 2024.
- Prof Santosh Mahapatra was the Resource person to conduct a workshop in 'an FDP on Generative Artificial Intelligence: A Tamed Dragon' for Teachers at Jadavpur University on 4th March 2024.
- Prof Santosh Mahapatra was the Resource person to conduct a workshop in 'an FDP on Generative Artificial Intelligence for Pedagogic Content Development' and Feedback at Swami Keshvan and Institute of Technology, Management & Gramothan, Jaipur, Rajasthan on 21st January, 2024.
- Prof Santosh Mahapatra was the Resource person to conduct a workshop in 'an FDP on NEP 2020 and the English Language Classroom' at UGC Malaviya Mission

Teacher Training Centre, University of Hyderabad on 13th January, 2024.

- Prof Santosh Mahapatra was the Resource person to conduct a workshop in 'an FDP on Academic Writing Practices in India: A Critical Perspective' at UGC Malaviya Mission Teacher Training Centre, University of Hyderabad on 11th January, 2024.

Department of Mathematics

- Prof. P.K. Sahoo delivered a talk on 'International Conference on Mathematics and Applications' at Mata Sundri College for Women (University of Delhi) from 10th to 12th January 2024.
- Prof. Sharan Gopal delivered a talk on 'Automorphisms of a Solenoid and their Periodic Points Occasion: International Conference on Mathematics for Data Science & Dynamics-2024' and Annual Conference Of Kerala Mathematical Association at Rajagiri School of Engineering and Technology, Kerala on 1st February 2024.
- Prof. B. Mishra delivered a talk on 'National Mathematics Day' at SRTM University, Nanded on 5th February 2024.
- Prof. B. Mishra delivered a talk on 'National Conference on the Recent Developments in Mathematical Sciences' at University of Hyderabad from 12th to 14th February.
- Prof. B. Mishra delivered a Colloquium Talk at Kelania University, Colombo on 5th March 2024.
- Prof. Sushil Bhunia delivered a talk on 'Twisted conjugacy in groups: Geometric context' at the School of Mathematics & Statistics, University of Hyderabad from 12th to 14th February 2024.
- Prof. P. K. Sahoo delivered a talk on 'Wormholes in modified gravity' at Sambalpur University on 28th March 2024.
- Prof. Sumit Kumar Vishwakarma delivered a talk on 'Implicit Finite Difference Method for wave simulation at National Conference on Augmented Reality (AR) Policy' on E-commerce for sophisticated Supply Chain System at Gandhi Institute of Engineering and Technology, Gunupur on 28th April 2024.
- Prof. B. Mishra delivered an online talk at the International Conference on 'Recent Advances in Mathematical Sciences and Interdisciplinary Areas' organized by GLA University, Mathura on 3rd and 4th May 2024.

- Prof. B. Mishra delivered an online talk International Conference on 'Gravitation, Astrophysics and Cosmology' organized by GLA University, Mathura from 14th to 16th June, 2024.
- Prof. P. K. Sahoo delivered a talk at International Conference on 'Gravitation, Astrophysics and Cosmology' organized by GLA University, Mathura from 14th to 16th June 2024.

Department of Mechanical Engineering

- Prof. Aritra Chatterjee delivered a talk on 'Tunable Agarose-Collagen Hydrogels to study Chondrocyte Mechanobiology' at Soft Matter Young Investigator Meet, (SMYIM), organized by IIT Madras from 12th to 14th June, 2024.
- Prof. Jeevan Jaidi collaborated with Materials Joining & Metallurgy Group, IGCAR, Kalpakkam on the topic 'Tool-pin profile effects on material flow and mixing during Friction Stir Butt Welding of thick Al-alloy (AA2219-T87) Plates' organized at Central Workshop Division (CWD), IGCAR, Kalpakkam on 4th January, 2024.
- Prof. Jayaprakash K S delivered an expert talk for the One-Week High End workshop on 'Micromachining and Microfabrication for Biomedical Devices' sponsored by SERB Accelerate Vigyan organized by Indian Institute of Information Technology, Design and Manufacturing, Kanchheepuram on 2nd April, 2024.
- Prof. Jayaprakash K S delivered a talk on 'Droplet microfluidics and evolutionary systems' at the Soft Matter Young Investigator Meet, (SMYIM), organized by IIT Madras on 13th June 2024.

Department of Pharmacy

- Prof. Nirmal Jayabalan delivered a talk on 'Macro to nano drug delivery approaches to treat ocular diseases' organized by Indian Pharmaceutical Association(IPA), Kerala, in June, 2024.
- Prof. Nirmal Jayabalan delivered a talk on 'Role of Biomaterials in Ocular Drug Delivery' in The Future is here organized by L V Prasad Eye Institute, Hyderabad, in January, 2024.
- Prof. Akash Chaurasiya delivered a talk on 'Securing BIG for Academic Research – Story of AtreVes Healthcare' at the Awareness Session on the BIRAC-BIG Scheme,

organized by TBI-BITS Pilani Hyderabad campus on 25th April, 2024.

- Prof. Akash Chaurasiya delivered a talk on 'Translating Innovations: From Bench to Clinic at the Regional Young Investigators' Meetings (RYIM) 2024, organized by the University of Hyderabad on 3rd February, 2024.
- Prof. Swati Biswas delivered a talk on '3D-Printed Contact Lenses-like Patches for delivering therapeutics to treat bacterial diseases' at the CELLINK-IISc Centre of Excellence in 3D Bioprinting, Bangalore on 11th and 12th June, 2024.
- Prof. Swati Biswas delivered a talk on 'International Conference Translational materials for sustainable technology' at the Indian Institute of Technology (BHU), Varanasi, from 1st to 4th February, 2024.

Department of Physics

- Prof. Tanay Nag delivered a talk on Exceptional topological superconductors in two-dimension: statics and dynamics at the International conference on 'Stability of Quantum Matter in and out of Equilibrium at Various Scales' at ICTS Bengaluru from 17th to 20th January, 2024.
- Prof. Tanay Nag delivered a talk as part of a collaboration visit to SINP (Theory division) and IACS (School of Physical Science) Kolkata between 27th to 31st May 2024.
- Prof. Subhadeep Roy delivered a talk at the International Conference on 'Materials Genome' organized by SRM University AP from 22nd to 24th February, 2024.
- Prof. Rahul Nigam delivered a talk at Central Michigan University on 2nd May 2024.
- Prof. Rickmoy Samanta delivered a talk at DST meeting for INSPIRE faculty fellows organized by Indian Institute of Information Technology Allahabad from 22nd to 23rd February 2024.

Department of Economics & Finance

- Prof Swati Alok delivered a talk on Unleashing Creativity in Social Awareness: A Community Workshop which was conducted for 3 hours as part of Innovative and Creative Teaching Pedagogy, FDP at Woksen University, Medchal on 20th May 2024.

Sanctioned Projects (SRCD) During January to June 2024

Sl. No	PI-Name	PI-Dept	Co-PI-Name	Co-PI-Dept	Funding Agency	Type of Project	Project Name	Sanctioned-Amount (Rs)	Sanctioned date	Project Duration (Months)
1	Nirmal J	Pharmacy	Vamsi Krishna V	Pharmacy	Velux Stiftung	Research Grant	Antibiotic loaded corneal device: A platform delivery system to tackle ophthalmic infections	29200000	01.01.2024	48
2	Vidya Rajesh	Biological Sciences	Balaram Ghosh and Onkar Prakash Kulkarni Kamal Nayan Dwivedi	Pharmacy	DBT AYUSH	Govt	Molecular Studies on Bacopa monnieri to evaluate the modulation of neuronal receptors for schizophrenia using cell based and mouse models	2940000	12.01.2024	36
3	Tanmay Chatterjee	Chemistry	Balaram Ghosh	Pharmacy	DST SERB CRG	Govt	Electrochemical green synthesis of medicinally potential organo-chalcogenides and chalcogenoxides and evaluation of their anti-cancer activities in search of novel anti-cancer agents	4348696	19.01.2024	36
4	Sourav Nandi	EEE	Harish V Dixit	EEE	DAE BRNS	Govt	Design and simulation of high efficiency UHF Klystron for accelerator applications	3984650	22.01.2024	36
5	Subhradeep Pal	EEE	Harish V Dixit	EEE	DAE BRNS	Govt	Design and development of microwave pulse compressing passive devices for HPM applications	4438000	24.01.2024	36
6	Chanchal Chakraborty	Chemistry	Balaram Ghosh	Pharmacy	ICMR	Govt	Development of Self-Powered Electrochromic Smart Display for Visual Detection of Folate Receptor Overexpressed Cancer Cells	4007082	02.02.2024	36
7	Amit Nag	Chemistry			DST SERB CRG	Govt	Investigating heterogeneous catalysis on bi- and tri-metallic alloy microflowers by in-situ SERS measurement in liquid phase".	4718870	22.01.2024	36
8	Srinivasa Prasad K	Pharmacy	Sajeli Begum	Pharmacy	ICMR	Govt	Natural 1,2-benzopyrone 'based small molecules as therapeutics for drug-resistant epilepsy - A multi disciplinary approach'	6470978	03.02.2024	36
9	Swati Biswas	Pharmacy	Sanhita Roy and Balaram Ghosh	LVPEI and Pharmacy	DBT-BME TEC	Govt	D-Bioprinted Contact Lens Embedding Host-Defense Peptide S100A12 as Precision Medicine for Bacterial Keratitis [BT/PR49549/MED/32/870/2023	4037103	15.02.2024	18
10	Swati Biswas	Pharmacy	Balaram Ghosh	Pharmacy	ICMR - 2023 - 1	Govt	Antibacterial Nanozyme - Laden in situ Light Responsive Hydrogel for Tissue Regeneration and Quoru Sensing Inhibition to Revert Antimicrobial Resistance in Diabetic Foot Ulcers	6667081	02.02.2024	36
11	Swati Biswas	Pharmacy	Balaram Ghosh	Pharmacy	ICMR - 2023 - 2	Govt	Revolutionizing Phototherapy with Hypoxia-Reversing Photothermal/ Photodynamic Nanoparticles-Laden In Situ Gel for Non-Invasive Tumor Ablation in Oral Cancer	6185081	06.02.2024	36
12	Ramena Kishore Pal	Chemical	Debirupa Mitra	Chemical	DBT-BME (R & D)	Govt	A Point-of-Care Tool for Monitoring Bacterial Infection in Wounds [BT/PR49753/MED/32/887/2023]	2233414	13.02.2024	18

Sl. No	PI-Name	PI-Dept	Co-PI-Name	Co-PI-Dept	Funding Agency	Type of Project	Project Name	Sanctioned-Amount (Rs)	Sanctioned date	Project Duration (Months)
13	Brajesh Kumar P	Mechanical	Sudha Raadhika, Sabareesh G. R. and Kundan Kumar S	EEE and Mechanical	ARDB DRDO	Govt	Design and development of a smart integrated sensor-transducer-actuator system for space applications	2636900	21.02.2024	36
14	Ruchi Jain Dey	Biological Sciences	KVG Chandra Sekhar and Arnab Banerjee	Chemistry and Goa Campus	ICMR	Govt	A target guided approach for design synthesis, and screening of host-directed therapies for TB and associated rmetaboic disorder (PCOS) in women	19510081	14.02.2024	36
15	Nishith Gupta	Biological Sciences			ICMR	Govt	Physiological and Pharmacological Significance of Formate-Nitrite Type Transporters in Toxoplasma gondii	6805381	12.02.2024	36
16	Sushil Bhunia	Mathematics	NA	NA	SERB MATRICS	Govt	Conjugacy classes of centralizers in solvable algebraic groups	660000	22.01.2024	36
17	Bivudutta Mishra	Mathematics	NA	NA	SERB MATRICS	Govt	Early-Universe Physics in Tele parallel Cosmology	660000	05.02.2024	36
18	Mithun Mandal	EEE	NA	NA	ABB Global Industries Limited	Industry		129800		3
19	Sridev Mohapatra	Biological Sciences	NA	NA	DST SERB CRG	Govt	Probing into the molecular mechanisms of 'conditional pathogenesis' – a phenomenon where beneficial soil microbes turn pathogenic to plants, under adverse environmental conditions	4029696	19.02.2024	36
20	Rickmoy Samanta	Physics	NA	NA	DST INSPIRE Faculty Fellowship	Govt	Differential geometry, fluid mechanics and membrane transport	3500000	11.02.2021	60
21	Nikumani Choudhury	CSJS	NA	NA	DST TIH (Technology Innovation Hub) - IoT Chankya Fellowship - 2	Govt	Development of a light-weight scheduling mechanism for the LoRa MAC	600000	16.02.2024	10
22	Chanchal Chakraborty	Chemistry	NA	NA	DST SERB CRG	Govt	Development of Metal-organic polymeric nanostructure-based indicative electrochromic supercapattery: An energy storage smart window	3723423	15.03.2024	36
23	Parikshit Sahatiya - Chandra Sekhar Reddy Kolli	EEE	NA	NA	SERB NPDP	Govt	Smart Transient Electronics for sensor applications with electronic waste pre-determined device lifetime	2980800	13.03.2024	24
24	Maya Vinai	Humanities and Social Sciences	Tony Sebastian	Humanities and Social Sciences	ICSSR	Govt	Ship-building in Folklore: Orality and Memory in Thottam Pattu of Marakkalathamma	2492500	23.03.2024	24
25	V Vinayaka Ram	Civil Engineering	R Parameshwaran	Mechanical Engineering	NBCC (National Building Construction Corporation)	Govt	Multi-functional fiber reinforced bendable pavement quality concrete (MFB-PQC) with Recycled Coarse Aggregates and foundry waste sand for rigid pavements	1,08,12,484	20.03.2024	36

Sl. No	PI-Name	PI-Dept	Co-PI-Name	Co-PI-Dept	Funding Agency	Type of Project	Project Name	Sanctioned-Amount (Rs)	Sanctioned date	Project Duration (Months)
26	Ammavajjala Sesa Sai Raghuram	Civil Engineering	Anasua Guharay	Civil Engineering	NBCC (National Building Construction Corporation)	Govt	Sustainable Geomaterials: A Key to Foundation Decarbonization and Ground Improvement	3035080	20.03.2024	24
27	Abhijeet Joshi	Pharmacy	Ines Klein	University Hospital of Cologne	DST - IGSTC - Indo-German -	Govt	Paired Early Career Fellowship in Applied Research (PECFAR) Call 2023	341536	08.03.2024	12
28	M Bala subramanian	EEE	Subhradeep Pal	EEE	LightSpeed Photonics Private Limited	Consultancy	Design and Development of MEMS Micromirror-based Active Alignment System for Free-Space Optical Interconnect	876877	15.03.2024	12
29	Surender Mohan	EEE, Research and Innovation	NA	NA	DBT Wellcome Trust India Alliance	Govt	Synergizing Interdisciplinary Research through Enhancing the Research Office for Advanced Discovery & Innovation at BITS Pilani (Hyderabad Campus)	1000000	20.03.2024	12
30	Harish V Dixit	EEE	NA	NA	HBL Power Systems Ltd	Industry	Design and development of RF & Microwave devices	1181180	01.04.2024	12
31	Harish V Dixit	EEE	Subhradeep Pal	EEE	DRDO MTRDC	Govt	Design and Development of Coupler for 1 GW HPM source for in-guide diagnosis	2851135	28.02.2024	18
32	Abhijit Das	CSIS	Aritra Mukherjee	CSIS	DST CEFIPRA	Govt	Generalizable Deepfake Detection	3206680	21.03.2024	36
33	Swati Biswas	Pharmacy	NA	NA	ICMR 3	Govt	Brain-Targeted Antibacterial Nanomedicine to Revolutionize the Existing Therapy for Bacterial Meningitis	6485081	12.01.2024	36
34	S Sindhu	Physics	(Chemistry), Physics	KVG Chandra Sekhar	Chemistry	DAE BRNS	Studies of Optoelectronic properties in new electroluminescent in organic/inorganic materials for flexible organic light emitting devices	3482550	20.02.2024	36
35	Santanu Koley - Kshma Trivedi	Mathematics	NA	NA	RIAM, Kyushu University, Japan	International - Joint Research	Modeling the hydrodynamics of the oscillating water column wave energy converter (OWC) device in real sea conditions	210000	01.04.2024	12
36	Swati Biswas	Pharmacy	Balaram Ghosh	Pharmacy	Mylan Laboratories	Industry	Structural Information of Microparticles by Fluorescence Detection and Image Analysis	181720	04.04.2024	12
37	Swati Biswas	Pharmacy	NA	NA	CSIR - ASPIRE	Govt	Nanozyme - Incorporated Light - Responsive Hydrogel as angiogenic Antibacterial wound dressing for treating Diabetic foot ulcer	2971848	16.04.2024	36
38	Kavi Devraj	Biological Sciences	NA	NA	DBT Ramalinga swamy (Re-entry Fellowship)	Govt	Targeting neurovascular unit for therapeutic modulation of blood-brain barrier function in CNS diseases	4050000	24.04.2024	36
39	Swati Biswas	Pharmacy	Balaram Ghosh	Pharmacy	SPARC	Govt	Formulation-based strategy to design membrane targeting antimicrobial peptide-based therapeutics for cancer and eye infections	7116000	07.04.2024	24

Sl. No	PI-Name	PI-Dept	Co-PI-Name	Co-PI-Dept	Funding Agency	Type of Project	Project Name	Sanctioned-Amount (Rs)	Sanctioned date	Project Duration (Months)
40	Phaneendra Kiran Chaganti	Mechanical	NA	NA	ANRF CRG	Govt	Enhancing Gas barrier properties of Type IV pressure vessel liner for Hydrogen storage	3614402	29.04.2024	36
41	Supradeepan	Mechanical	NA	NA	Kaashyap Envergy Infrastructures Private Limited	Industry	Developing an optimum mixing model for an anaerobic digester: HRCM (High Rate Complete Mix) reactor using Numerical studies	900576	22.05.2024	3
42	Mohan Rao Ch and Gayatri Devraj	Biological Sciences	NA	NA	DBT - RA	Govt	Targeting the blood - CNS barrier as novel therapeutic strategy in brain infections	2767840	26.04.2024	24
43	Sounak Roy	Chemistry			DST - INAE Indo Taiwan Programme of Cooperation in Science & Technology	International	Solar Fuels: Green H2 via Solar Thermochemical Splitting of Water and Conversion of CO2 to CO over Reducible Oxides	3836232	12.01.2024	36
44	Kundan Kumar Singh	Mechanical	N Suresh Kumar Reddy	Mechanical	ANRF CRG	Govt	Development of Intelligent Algorithm to Predict Surface Location Error in Micromilling of Thin-walled Ti6Al4V for Low Cost Biofabrication	3163464	18.02.2024	36
45	Ankur Bhattacharjee	EEE	NA	NA	ARKLE Energy Solutions Pvt Ltd	Industry	Development of Redox Flow-Battery Management System (RF-BMS)	1240000	28.05.2024	12
46	Bivudutta Mishra	Mathematics	NA	NA	ANRF CRG	Govt	Dynamical complexity of teleparallel gravity: the cosmological implications	2470688	16.05.2024	36
47	Sounak Roy	Chemistry	NA	NA	CEFIPRA (Indo-French)	Govt	Cross fertilization between Academia and Industry: Towards Safer and Efficient Catalytic Process	2228000	29.05.2024	3 days
48	Navneet Goyal	CSIS	Aneesh C	CSIS	Ministry of Education	Govt	Ensuring Food Security through A1 and Satellite imaging Technology assisted Robust Agriculture at Seale	19818360	09.05.2024	12
49	Vivek Sharma	Biological Sciences	NA	NA	ANRF CRG	Govt	Understanding the role of long non-coding RNAs during Neuroinflammation in Japanese Encephalitis	5162840	28.05.2024	36
50	Subhendu K S	EEE	NA	NA		Govt	DST FIST - EEE	1,40,00,000	17.05.2024	60
51	Harish V Dixit	EEE	Runa Kumari and Sourav Nandi	NA	Dhruva Space - 2	Industry	Dhruva Space Sponsored by Dhruva Space Project	2,00,00,000	17.05.2024	60
52	Subhradeep Pal	EEE	Harish V Dixit	EEE	Dhruva Space - 3	Industry	Communication system for satellite	5498800	17.05.2024	60
53	Satyanarayana Guin	Chemistry	Claudia Felser	MPI CPFS	Max-Planck-Gesellschaft zur Förderung der Wissenschaften	International	Investigations of transverse thermoelectric effect in magnetic topological materials	9292260	26.06.2024	60

Distinguished Talks / Lectures Organized by Departments

Guest Lecture By	Organization	Topic of the Talk	Date	Department
Dr. Deepika Saluja	George Institute for Global Health	Women Leadership in Global Health: Reflections from Women in Global Health Research and Advocacy Efforts	05-01-2024	Humanities and Social Sciences
Dr Swagat Saurav Mishra	Postdoctoral Research Associate Particle Cosmology Group, Centre for Astronomy and Particle Theory, University of Nottingham, UK.	Cosmic inflation, large quantum fluctuations and primordial black holes	12-01-2024	Physics
Diogo Figueiredo	SANKEN, Osaka University, Japan	Rapid, multiplex detection of SARS-CoV-2 using isothermal amplification coupled with CRISPR-Cas12a	14-01-2024	Biological Sciences
Prof. Takeharu Nagai	SANKEN, Osaka University, Japan	Automated Trans-scale Scope Opens up a New Horizon in Life Science Research	16-01-2024	Biological Sciences
Prof Sudipta Sarkar	IIT Gandhinagar, Ahmedabad	Towards Relativity: Einstein and His Compass	22-01-2024	Physics
Matthew Campbell	Trinity College, Dublin	Regulation of the BBB in Neuropsychiatric Disorders	22-01-2024	Biological Sciences
Prof. Chandan Kumar Jha	Associate Professor, Le Moyne College, US.	Municipal Bankruptcy, Credit and Entrepreneurship	27-01-2024	Economics and Finance
Prof. Teja Guda	University of Texas, San Antonio, USA	Translating tissue engineering and drug discovery devices guided by tissue mechanics	03-02-2024	Biological Sciences
Håvard Jenssen	Dept. Sci. & Environment, Roskilde University (RUC), Denmark	Future antimicrobials: turning to nature for inspiration.	13-02-2024	Biological Sciences
Dr. Bala Krishna Prabhala	Department of Pharmaceutical Sciences, University of Southern Denmark, Fuglsang, Odense, Denmark	POTluck of transporters	13-02-2024	Biological Sciences
Prof. Subhasish Dutta Gupta	a distinguished expert in the field of Quantum Optics and Photonics.	An Introduction to Nano Optics and Plasmonics	02-02-2024	Physics
Mr. Rahul Agarwal	Executive Director at Morgan Stanley	Credit Risk Management	12-02-2024	Economics and Finance
Dr. Yamini Krishna	Khidki Collective	Film City Urbanism in India: Hyderabad, from Princely City to Global City,1890-2000	29-02-2024	Humanities and Social Sciences
Mr. Vamsi Krishna	Vice President at Morgan Stanley	Market Risk Management	01-03-2024	Economics and Finance
Dr Souvick Mitra,	Distinguished Member of Technical Staff/ Director, Technology Development Group, Micron, USA	Electrostatic Discharge Protection Challenges in the era of AI/ML, automotive, high performance computing technologies and applications	13-03-2024	Physics
Dr. Atanu Rajak	IIT HYD	Prethermalization and dynamics of fluctuation correlation in a system of coupled kicked rotors	14-03-2024	Physics
Prof. Manish Kumar	IIT Bombay	Design objectives and codal guidelines for seismic isolation systems	15.03.2024	Civil Engineering
Mr P. V Sairam	Doctoral scholar University of Galway, Ireland	Designing instabilities in functionally graded auxetic materials	20-03-2024	Mechanical Engineering
Prof. K. P. Prabheesh	Associate Professor, IIT Hyderabad	Early Warning Systems for Financial Crisis: Theory and Evidence	20-03-2024	Economics and Finance
Prof. Subhabrata Sen	Shiv Nadar University	Electrifying and (en)lightening aryl diazoesters	22-03-2024	Chemistry
Sudip Mukherjee	School of Biomedical Engineering IIT (BHU)	Immunoprotective small molecule coating reduces macrophage capture and fibrosis	13-04-2024	Biological Sciences
Dr. Aalok Khandekar	IIT Hyderabad	The Work of Localization: Towards Developing Community-Based Heat Action Plans in Hyderabad's Informal Settlements	16-04-2024	Humanities and Social Sciences

Guest Lecture By	Organization	Topic of the Talk	Date	Department
Mr Subhendra Das	Executive Director M/s Minerals and Former Executive Director, SAIL Rourkela Steel Plant	Application of Vibration Analysis for Machinery Health Monitoring and Fault Diagnosis in integrated steel plant	18-04-2024	Mechanical Engineering
Prof Amit Agarwal	Professor & J.C. Bose National Fellow, Department of Mechanical Engineering, IIT Bombay	Observation of several peculiarities in Fluid Flow and Heat Transfer at the Microscale	19-04-2024	Mechanical Engineering
Krishanu Ray	National Brain Research Center	Cilia formation, Functions and Ciliopathies: A study using Drosophila sensory Cilium	26-04-2024	Biological Sciences
Dr. Anandi Karumbati,	Team Lead, Chemical Biology and Therapeutics, inStem CCBT, Bangalore	Tale of Two Viruses - Small Molecule Approaches to Validate Targets from HIV-1 and SARS-CoV-2	29-04-2024	Pharmacy
Dr. Vamsi Madgula,	Associate Vice President, Sai Life Sciences Ltd, Hyderabad.	Role of DMPK Scientist in the Drug Discovery Programs – A Focused Example of the Permeability Assays and Utility in the Discovery Programs	29-04-2024	Pharmacy
Dr. Srinivasa Reddy,	Director CSIR-IICT Hyderabad	Natural Products-Based Drug Discovery: Cladosporins and Hunanamycins	29-04-2024	Pharmacy
Dr. Thanga Mariappan,	Mariappan, Director & Head, Pharmaceutical Candidate Optimization, BBRC, Bristol Myers Squibb, Bangalore	Animal Models Used for Mechanistic Understanding of Disposition of NCEs	29-04-2024	Pharmacy
Dr. Aravind Kumar Rengan,	Associate Professor, IIT Hyderabad	Biodegradable Smart Nanosystems for the Theranostics of Cancer and Anti-Microbial Applications	29-04-2024	Pharmacy
Dr. Rahul Sharma	Scienetix, USA & University of Texas	Enabling Molecular Diagnosis through Simplified Products and Workflow	03-05-2024	Biological Sciences
Prof. Sriram Kanvah	IIT Gandhinagar	Small molecule Fluorescent Probes for investigating Subcellular Complexities	09-05-2024	Chemistry
Dr. Bhuvaneshwari Raman	OP Jindal Global University	The Politics of Land Transformation in Rural/Urban Frontiers in Indian Cities Role of the State, Developers, and Citizens	17-05-2024	Humanities and Social Sciences
Prof. Chandan Kumar Jha	Associate Professor, Le Moyne College, US.	Alcohol Prohibition and Attitude Towards Spouse Violence against Women	29-05-2024	Economics and Finance
Dr. P Manjusree	NRSC, Hyderabad	Introduction to Urban Floods: Past, Present and Future	06-06-2024	Civil Engineering
Dr. R Madhuri	Vassar Labs, Hyderabad	Urban Flood Modelling using HEC- HMS for runoff estimation	07-06-2024	Civil Engineering
Dr. Somnath Mondal	Pennsylvania State University, USA	Understanding the functional dynamics of protein-ligand interactions for potential applications in chemical biology	26-06-2024	Chemistry
Prof. D Nagesh Kumar	IISc Bangalore	Introduction to climate change, Role of GCMs in urban flood modelling and its application in solving real world problems & Down scaling techniques in urban flooding and exploration of these techniques	08-06-2024	Civil Engineering
Prof. NV Uma Mahesh	NIT Warangal	Urban Flood Modelling in climate change framework-1	08-06-2024	Civil Engineering
Prof. Surya Prakash	NIDM New Delhi	Policy Framework for Flood Risk Governance	12-06-2024	Civil Engineering
Prof. Sudipta Maiti	Tata Institute of Fundamental Research, Mumbai	Our brain in sickness and in health: physics-based approaches to a few outstanding puzzles	27-06-2024	Physics
Prof. Yogendra Mishra	Mads Clausen Institute, University of Southern Denmark	Tetrapod-based smart materials for advanced technologies	05-07-2024	Biological Sciences

Students Events

Verba Maximus'24

The 12th Edition of Verba Maximus, held on the 10th and 11th of February, was themed on Dante's Inferno, the poem in which Dante and Vergil venture through the nine circles of hell.

On day one, Raunaq Rajani and Kunal Rao paid the campus a visit to deliver amazing performances. The constant barrage of events like 'Sherlocked, Shipwrecked, Devil's Advocate, JAM, ARG, Bamboozled, Salva Veritate, Bullseye' and Decipher the Script made for some phenomenal following days.



Rounak Rajani

Arena'24

The four days of Arena 2024, BITS Hyderabad's sports fest, were packed with energy, rife with passion, and energized



Sports Fest

by the never-ending line-up of events. The cheering of the spectators as the football shot through the sky, the subtle ahs and oohs of the badminton hawks, the sound of the roller blades ripping through the air, the swishing of the frisbee, the smashes of volleyball, the grunts of the tennis players and the roar of the crowd when the bat sends the ball gracefully across the field and beyond the boundary.

Holi

Holi 2024 at BPHC was an unforgettable experience, a wondrous splash of colors and euphoria. The day kicked off early in the morning, with not only a stall of seemingly endless colors for the general body at OFG, but also trucks of water and stalls for thandai. The Old Football Ground turned into a battlefield of hues, with students drenched in color and laughter echoing in the air. As everyone dressed up after mud, water and color fights alike, the day was wrapped up in a rainbow of joy, unity and memories to cherish.

Pearl'24

PEARL '24, the annual cultural fest of BITS Hyderabad, was held from 28th to 31st March with the theme 'Streets of Hyderabad'. It consisted of a myriad of events, featuring competitions in dance, music, comedy, language, fashion and more. The proshow lineup featured Nucleya, KRSNA, Shreya Ghoshal and Sunidhi Chauhan. Additionally there were esports tournaments, quizzes on various topics and interactive sessions by several celebrities.



Group photo with the crew of the movie Geetanjali

Launchpad

The latest edition of Launchpad by E-Cell thrilled the campus once again with its thrust of advancing ideas, innovations, and investments to skyrocketing heights. It was a bustling weekend celebrating entrepreneurship among enthusiastic students, budding businessmen, unicorn executives, venture capitalists, and even the former vice president of India, Shri Venkaiah Naidu himself! Event organization involved major back end tasks such as publicity, sponsorship, speaker research, operations, and more to produce such fruitful results. It was indeed an entrepreneurial endeavor.



Comedy Night

Science Day '24

It was a bustling atmosphere at the LTC Lobby on February 28th, 2024. In celebration of the National Science Day, a Tech Expo was held in Bits Pilani Hyderabad, dedicated to provide insight into the world of science and inspire young minds. The air was filled with excited chatter as school students arrived, eager to discover and explore the wonders of science while teams were busy setting up their projects, finishing up with last-minute touches to their displays. The Tech Expo brought forth an exciting opportunity for students to marvel at the innovative creations of various clubs on campus, showcasing the intersection of science and technology.

Batchsnaps '24

Batchsnaps'24 was held from 17th April to 20th April, along with an informal photo session held on the 21st. It was organized for the class of 2025, 2026 (dualites only), the clubs, departments, and the student bodies of BPHC. Seniors and juniors alike arrived in sarees, suits and (for some special snaps) themed-costumes. They huddled together, smiled and immortalized into frames of memories of happier, carefree days.

IGNITE by NIRMAAN

IGNITE, organized by the student chapter of the NIRMAAN Organization at BITS Pilani Hyderabad, recently lit up our campus with its vibrant three-day celebration. This heartfelt event is dedicated to providing underprivileged children from various orphanages with memorable and inspiring experiences.

The fest featured an array of activities, including arts, math, and science workshops, and engaging quizzes. Children also enjoyed fun-filled sessions in dance, frisbee, throwball, Kho-Kho, and kabaddi.

Adding to the excitement, captivating performances by music bands and magicians brought an element of wonder and entertainment.

Community Welfare Activities

New Year 2024 Celebration

New Year 2023 was celebrated with zeal and grandeur on 27th January 2024. The celebrations comprised cultural performances by community members on the theme 'Retro Rewind: Blast from the Past'. An art exhibition on the theme 'Black and White' was also organized, where the community members displayed paintings in various mediums such as pencil sketch, charcoal, oil pastel, acrylic etc.



Republic Day Celebrations

The 75th Republic Day was celebrated on 26th January, 2024 in BITS-Pilani, (Hyderabad Campus). The Republic Day began with an early morning 3.0 k run organized by the Student Welfare division, which saw participation from students and staff. Prof. Soumyo Mukherji, Director, BITS Pilani (Hyderabad Campus) hoisted the National Flag.



Cultural Performance

Annual Community Sports UDAAN

The annual community sports Udaan was organized for all faculties, staff and their family members from March to May. An approximate number of 500 members participated in the sports events like Cricket, Badminton, tennis, Table Tennis, Carrom, Chess, Throw ball, Athletics etc. The winners and runners up were appreciated with medals / trophies and certificates, and participation certificates were given to all.



Chess

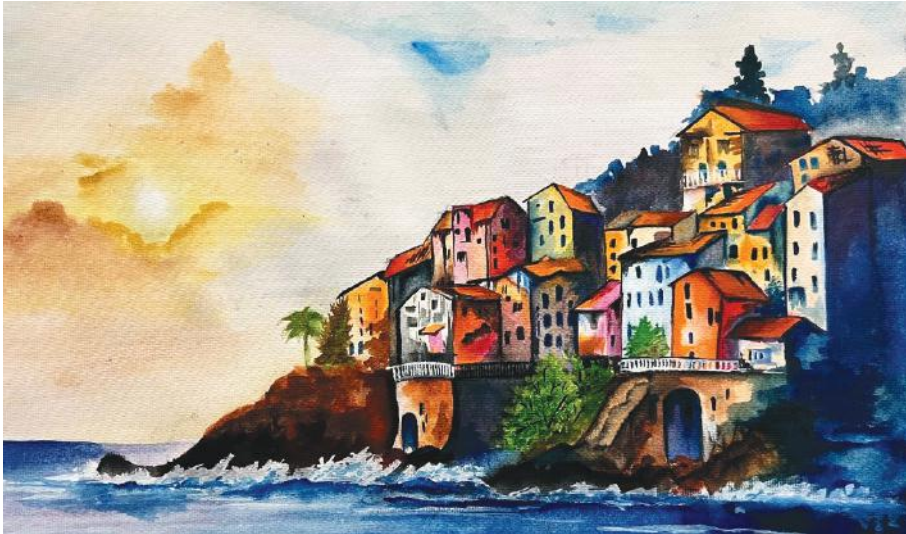
International Yoga Day

On June 21, International Yoga Day was celebrated aiming to create awareness about the holistic nature of yoga and encourage people to incorporate it into their daily lives for enhanced well-being.



Yoga Day

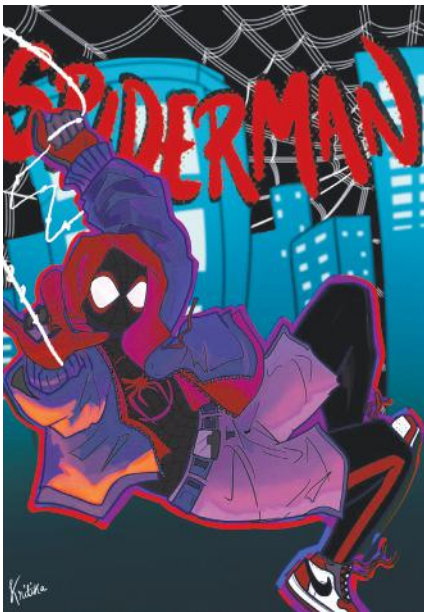
Students Artworks



Nischay Agarwal



Jainam Parekh



Kritika



Bharadwaj



Esther

Joining Hands (MoUs)

Name of the Organization	Date of Signing	Short Description of the MoU Signed
Prof. Aman Oo, Macquarie university, Australia	24-01-2024	For extension of the MoU: Prof. B Mishra, Associate Dean, IPCD, Prof. S. K. Sahoo, Head-Dept. of EEE, Prof. P. K. Pattnaik, Dept. of EEE and Prof. N. L. Bhanumurthy, Head-Dept. of CSIS from BITS Hyderabad were attended the meeting and discussed about Mou extension with Macquarie and BITS-Pilani at BITS Pilani (Hyderabad Campus).
Prof. Sriram Sundararajan, Santa Clara University, USA	06-02-2024	Exploring Collaboration Opportunities: Dept. of Economics & HSS faculty members and TBI manager were attended the meeting and discussed about collaboration between BITS-Pilani and SCU at BITS Pilani (Hyderabad Campus).
JGEEBILS (NCBS, Bangalore)	28-02-2024	Facilitated by Nishith Gupta to recruit PhD scholars via an inter-institutional selection program.
Micron	04-03-2024	To conduct a Science of Supply Chain Management in BITS Pilani (Hyderabad Campus) every year.
Central Reserve Police Force, Government of India	04-04-2024	The Central Reserve Police Force (CRPF) and BITS Pilani (Hyderabad Campus) have agreed to collaborate in providing academic expertise to Divyang Warriors. This partnership aims to assess their suitability for advanced technology and research, promoting inclusivity and adaptability to the latest technological trends.
The International Institute of Information Technology - Hyderabad (IIIT Hyderabad)	25-04-2024	To work jointly with i-Hub and INAI in transportation systems planning and operation.
The International Institute of Information Technology - Hyderabad (IIIT Hyderabad)	25-04-2024	To work jointly with i-Hub and INAI in transportation systems planning and operation.
Prof. Jens Strackeljan, Dr. Susanne Schmidt, Dr. Ulrike Steinmann, Dr. Ulf Kahlert, Prof. Dr. Andre Katterfeld, Dr. Franziska Scheffler, Mr. Deeban Mathivanan & Dr. Kaicheng Chen (Delegates from Magdeburg University, Germany)	29-04-2024	Prof. Soumyo Mukherji, Director, BITS Pilani (Hyderabad Campus), Prof. Sanket Goel, Dean (Research and Innovation), BITS Pilani, Prof. Bivudutta Mishra, Associate Dean, International Programs and Collaboration Division, Associate Deans of all the Divisions and Head of all the Departments were participated in the meeting from BITS Hyderabad and discussed about collaboration between BITS-Pilani and German Universities.
Dr. Suboor Bakht, Heidelberg University		
Dr. Amisha Jain, University of Cologne		
Ms. Vibhuti Sukhramani, Freie University		
Professor Raymond Lee, Associate Dean (Global Engagement), University of Portsmouth, UK	27-05-2024	Prof. Soumyo Mukherji, Director, BITS Pilani (Hyderabad Campus), Prof. Bivudutta Mishra, Associate Dean, International Programs and Collaboration Division, Prof. S. K. Sahoo, Head-Dept. of EEE, Prof. Trinath Jamma, Dept. of Biological Sciences, and Prof. Jalaiah, Dept. of Mechanical Engineering were participated in the meeting.
Micron		To conduct a Science of Supply Chain Management in BITS Pilani (Hyderabad Campus) every year.
Osaka University, Japan	18-06-2024	Facilitated by Nishith Gupta for international student, scholar and faculty exchange.
Prof. Mohan Yellishetty, Monash University, Australia	26-06-2024	Prof. B. Mishra, Associate Dean-IPCD, Prof. Murari Verma, Head-Dept. of Civil Engg., Prof. Regalla, Dept. of Mechanical Engg were attended the meeting and discussed to explore the collaboration opportunities between BITS-Pilani and Monash University.

Patents

Title	Inventors	Patent No	Department	Month	Status
Nanoparticle Composition for Lapatinib Delivery in Cancer and Method of Preparing the Same	Prof. Biswas Swati Prof. Ghosh Balaram Prof. Das Sneha Prof. Milan Pau	202411000876	Pharmacy	January 2024	Filed
A pharmaceutical composition of posaconazole having oligosaccharides and a method of making it	Prof. Akash Chaurasiya Prof. Kanan Panchal	202411002299	Pharmacy	January 2024	Filed
Compounds as Pro-inflammatory cytokine inhibitor	Prof. Ahil Sajeli Begum Prof. Santosh Kumar S Prof. Onkar P Prof. Kulkarni and Kirti Hira	513419	Pharmacy	February 2024	Granted
Polymeric amphiphilic nano-micelles for aerobic chemo-photodynamic therapy and method of preparing same	Prof. Swati Biswas Prof. Balaram Ghosh Prof. Milan Paul	515685	Pharmacy	February 2024	Granted
A drug delivery system for photodynamic therapy and method of preparing the same	Prof. Rajesh Pradhan Prof. Rajeev Taliyan Prof. Sunil Kumar Dubey Prof. Balaram Ghosh Prof. Shobha Sharma	202311071310	Pharmacy	March 2024	Filed
Organic molecules and their metal complexes with anti-cancer and antimycobacterial activity and a method of their synthesis	Prof. Krishnan Rangan Prof. Ravallika Aluri Prof. Dharmarajan Sriram Prof. Balaram Ghosh	202411031702	Pharmacy	April 2024	Filed
Nanoparticle Based Assay for Pathogen Detection	Dr. Ruchi Jain Dey	202411031701	Biological Sciences	April 2024	Filed
A reagentless method of preparing (E)- β -iodoalkenyl sulfides	Prof. Tanmay Chatterjee Prof. Appanapalli N. V. Satyanarayana.	202211070150	Chemistry	June 2024	Filed
Non-Invasive Modeling Method And Formulation Of Hetero-Element Doped Carbon Quantum Dots	Dr. Jayati Ray Dutta	202411044745	Biological Sciences	June 2024	Filed
Contact Lens-like Patch and Fabrication Process	Prof. Biswas Swati, Prof. Ghosh Balaram, Prof. Kothari Prafful Pradeep Prof. Ch Sanjay	202411044743	Pharmacy	June 2024	Filed

Introducing New Faculty (January - June 2024)

The new faculty members who have joined between January - June 2024.

SRN	Full Name	Designation	Department	Date of Joining
1	Soumyo Mukherji	Senior Professor & Director	Electrical & Electronics Engg	01-Jan-24
2	Mohan Rao Chintalagiri	Sr. Professor Emeritus	Biological Sciences	01-Jan-24
3	Balasubramanian Malayappan	Assistant Professor, Gr-I	Electrical & Electronics Engg	02-Jan-24
4	Vijay Kumar Nimbarte	Assistant Professor, Gr-I	Pharmacy	03-Jan-24
5	Venkata Subrahmanyam Appakayala Chenchu	Assistant Professor, Gr-I	Economics and Finance	16-Jan-24
6	Abhradeep Majumder	Assistant Professor, Gr-I	Civil Engineering	02-Feb-24
7	Pranay Agarwal	Assistant Professor, Gr-I	Electrical & Electronics Engg	12-Feb-24
8	Pritesh Kumar Yadav	Visiting Assistant Professor	Electrical & Electronics Engg	15-Feb-24
9	Rama Manohara Babu M	Professor of Practice	Mechanical Engineering	14-Mar-24
10	Akanksha Rathore	Assistant Professor, Gr-I	Computer Sci & Information Sys	01-Apr-24
11	Abhishek Saha	Assistant Professor, Gr-I	Chemistry	02-Apr-24
12	Shambojit Roy	Assistant Professor, Gr-I	Chemical Engineering	12-Apr-24
13	Sk Masum Nawaz	Assistant Professor, Gr-I	Electrical & Electronics Engg	18-Apr-24
14	Shakul Tewari	Visiting Assistant Professor	Humanities and Social Sciences	22-Apr-24
15	Sourav Chowdhury	Assistant Professor, Gr-I	Biological Sciences	22-Apr-24
16	Aleena Khan	Visiting Faculty	Humanities and Social Sciences	25-Apr-24
17	Krishnanunni Hari	Visiting Faculty	Humanities and Social Sciences	25-Apr-24
18	Tamoghna Ojha	Assistant Professor, Gr-I	Computer Sci & Information Sys	29-Apr-24
19	Debanjan Polley	Assistant Professor, Gr-I	Physics	02-May-24
20	Soumyananda Chakraborti	Assistant Professor, Gr-I	Biological Sciences	16-May-24
21	Arindam Kushagra	Assistant Professor, Gr-I	Electrical & Electronics Engg	20-May-24
22	Nitish Kumar Gupta	Assistant Professor, Gr-I	Electrical & Electronics Engg	24-May-24
23	Bandhan Bandhu Majumdar	Associate Professor	Civil Engineering	24-May-24
24	Neha Tak	Assistant Professor, Gr-I	Electrical & Electronics Engg	27-May-24
25	Naveen Kumar Shrivastava	Assistant Professor, Gr-I	Mechanical Engineering	01-Jun-24
26	Satyanarayana Subrahmanyam	Professor of Practice	Pharmacy	01-Jun-24

SRN	Full Name	Designation	Department	Date of Joining
27	SK Aziz Ali	Assistant Professor, Gr-I	Computer Sci & Information Sys	01-Jun-24
28	Suryoday Prodhan	Assistant Professor, Gr-I	Chemistry	01-Jun-24
29	Madhavi Jha	Assistant Professor, Gr-I	Humanities and Social Sciences	01-Jun-24
30	Bibhas Roy	Assistant Professor, Gr-I	Biological Sciences	08-Jun-24
31	Shazia Hasan	Joint Faculty	Electrical & Electronics Engg	11-Mar-24
32	Shashank Khurana	Joint Faculty	Mechanical Engineering	13-Feb-24
33	Angel Arul Jothi Joseph	Joint Faculty	Computer Sci & Information Sys	13-Mar-24
34	Deepthi Mary Dilip	Joint Faculty	Civil Engineering	13-Mar-24
35	Nilesh Goel	Joint Faculty	Electrical & Electronics Engg	13-Mar-24
36	Harsh Wardhan Sen	Professor of Practice	Economics and Finance	19-Feb-24
37	Manoj Kumar Jha	Professor of Practice	Computer Sci & Information Sys	01-Apr-24
38	Vijay Anand Sethuraman	Professor of Practice	Chemistry	03-Apr-24
39	Rajesh Krishnan Krishnamoorthy	Professor of Practice	Civil Engineering	05-Apr-24

Editorial Team



The names from left to right are:
Prasanth Inturi, Prajna Devi Upadhyay, Manasvita Penujuri, Lavanya Suresh, Maya Vinai and Nyaya Praharsa

Credits and Thanks for pictures to the Department of Photography (DoPY)
Credits and Thanks to the Library for the collection of Media Stories

February 10, 2024, Deccan Chronicle



February 10, 2024, Deccan Chronicle



February 17, 2024, Deccan Chronicle

BITS Pilani Hyd to host int'l tech meet

DC CORRESPONDENT
BITS Pilani Hyderabad will host an international conference on smart energy systems and environmental applications on February 17-18. The event will be held at the BITS Pilani Hyderabad campus. The conference is organized by the BITS Pilani Hyderabad chapter of the International Association of Engineers (IAE) and the BITS Pilani Hyderabad chapter of the International Association of Scientists (IAS). The event is being held in collaboration with the BITS Pilani Hyderabad chapter of the International Association of Engineers (IAE) and the BITS Pilani Hyderabad chapter of the International Association of Scientists (IAS). The event is being held in collaboration with the BITS Pilani Hyderabad chapter of the International Association of Engineers (IAE) and the BITS Pilani Hyderabad chapter of the International Association of Scientists (IAS).

Draft RFP for coal gasification soon

DC CORRESPONDENT
The Indian oil ministry will shortly issue a draft Request for Proposal (RFP) for a 1000-tonne per day coal gasification project in the public sector. The project is being implemented by the Ministry of Petroleum and Natural Gas. The project is being implemented by the Ministry of Petroleum and Natural Gas. The project is being implemented by the Ministry of Petroleum and Natural Gas.

February 23, 2024, TOI



March 4, 2024, Eenadu



March 7, 2024, Eenadu



March 8, 2024, Eenadu



March 16, 2024, Eenadu



'Chipping-in to build a talent pipeline for semiconductor'

INTERVIEW: PROF SOUMYO MUKHERJI, Director, BITS Hyderabad
BITS Institute of Technology & Science, which started in Pilani (Rajasthan) in 1946 as Birka College of Engineering, and became BITS Pilani in 1964, has expanded its beyond its roots. It was one of India's first institutes to set up a campus abroad in Dubai, in 2000, and also has campuses in Goa (2014) and Hyderabad (2019). A lot of innovation is taking place at these young campuses, says Prof Soumyo Mukherji, director, BITS Pilani Hyderabad. In an interview with ET's Vikram Chaudhary, he shares the Hyderabad campus is at the core of government's recent push on semiconductor fabrication. Experts

latter in positions of great responsibility. The kind of energy female faculty can bring on the campus is unmatched – inquiring and to perform their best. Usually one biggest edge in our local context. For example, we run upskilling programs for CRPF jawans who have been hurt in action, and connect them with industry to help them get jobs.

BITS Pilani Hyderabad started around the same time as IIT Hyderabad. Are both on the same path?
Yes, the path is the same – of producing fine technocrats. But the student profile at both the institutes is a bit different.

Why do some engineering streams fall out of favour?
There are crests and troughs. For example, the demand among students for some core engineering streams saw a slump a while ago. There is a socioeconomic reason for this. The process of getting into an engineering college has gotten expensive. Students spend years taking coaching, and their parents invest mortgage loans for paying their kids' fees. When students take admission, they choose a stream that has the highest salary potential, so they can pay back loans, and core engineering streams at times may not be able to provide the best-paying link. But that is now changing. Today, corporate want multidisciplinary students. A student who knows a bit about mechanical and civil, and also history and

March 16, 2024, Sakshi



April 05, 2024, Sakshi



March 4, 2024, Saakshi



April 05, 2024, Eenadu



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