

bitscan

Hyderabad Campus



Eminent Visitors to our Camps

Central Animal Facility of BITS-Pilani, Hyderabad Campus opens for research activities

Jayesh Ranjan, Principal Secretary, Industries & Commerce and Information Technology, Government of Telangana recently inaugurated the Central Animal Facility of BITS-Pilani, Hyderabad campus on 22nd April 2022. The facility will provide scientific services and animal resources to students/researchers in conducting high quality research. Ranjan also visited various facilities of the institute like High Performance Computing Cluster, Dhruva Space Center and MMNE (Microfluidics and Nanoelectronics) Laboratory.



Jayesh Ranjan, Principal Secretary, Industries & Commerce and Information Technology, Government of Telangana

Telangana collaborates with BITS Pilani, WILP, Hyderabad Campus to develop technology enabled labs

To design, develop, and deploy Technology Enabled Laboratories (TEL) for polytechnics and engineering institutions in Telangana, the State Board of Technical Education and Training (SBTET) has signed a Memorandum of Understanding (MoU) with Birla Institute of Technology & Science (BITS) Pilani Work Integrated Learning Programmes (WILP) division. Navin Mittal, Commissioner of Technical and Collegiate Education, Govt of Telangana visited 27th May 2022 to cement the collaboration.



Navin Mittal, Commissioner of Technical and Collegiate Education, Govt of Telangana

Through this collaboration with BITS Pilani WILP, SBTET intends to develop a system that primarily leverages the scale of operations efficiently considering that these labs could cater to the learning requirements of thousands of students across the state of Telangana.



Inaugurated the HPL (High-Performance Lab)

Dilip Gaur, Advisor to the chancellor inaugurated the HPL (High-Performance Lab).



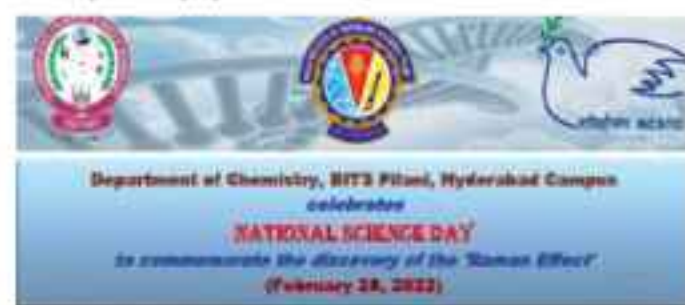
Our VC, Prof. Souvik Bhattacharyya, meeting a student start up team.



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

National Science day celebrations by
Department of Chemistry

The National Science Day is celebrated on the 28th of February to mark the discovery of the Raman Effect by the great Indian Physicist Sir C. V. Raman in 1928. Raman Effect is a phenomenon in spectroscopy discovered by this eminent physicist while working in the science laboratory of the Indian Association for the Cultivation, Kolkata. Two years after this discovery, Sir C. V. Raman was awarded the Nobel prize in physics (in 1930).



TAKE BY INSTANT DELIVERY



Post-Doctoral Fellow
2005-2006, Fellow at
CSC-Centre for Cellular and
Molecular Biology (CSC-CMB),
Singapore



Prof. T. A. Antkowiak
Professor
School of Chemistry, University of
Mississippi, University

QUIZ COMPETITION FOR CLASS-IX & CLASS-X STUDENTS

Entries are invited for the quiz competition for Class - II to Class - VI students in the afternoon session. Each team can comprise of maximum of 4 students.



1. *How many times did you...*
 2. *How many times did you...*
 3. *How many times did you...*



the power on a 2
the drive at the

Maximum one team can be registered for the quiz competition. Send your candidature to quiz@iitkgp.ac.in on or before February 23, 2021.

CONTACT

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For any query, one may contact at 02407122258 and 0240201066. If needed, kindly note that the school has to make its own to and fro travel arrangements to the venue of BTE First Hyderabad Campus on 22 Feb. 2022.
Registration fee: 1000/- (Rupee Ten Hundred Only)

1. [Download the software](#)

Abstract *Background:* The purpose of this study was to determine the prevalence of self-reported depression and anxiety among a sample of young adults in the United States. *Methods:* Data were obtained from the 2007 National Survey of Adolescent Health, a nationally representative survey of adolescents and young adults. *Results:* The prevalence of self-reported depression was 10.1% and the prevalence of self-reported anxiety was 11.2%. *Conclusions:* The prevalence of self-reported depression and anxiety among young adults in the United States is high. *Keywords:* Depression, Anxiety, Prevalence, Young Adults.

Editorial: Prof. Joseph H. Ford, Dept. of Chemistry, University of Illinois, Urbana, IL 61801-3009, USA.

To commemorate and honour this event, the Indian Government declared the 28th of February as National Science Day in 1986. Besides, National Science Day offers an opportunity to bring science issues to the centre stage.

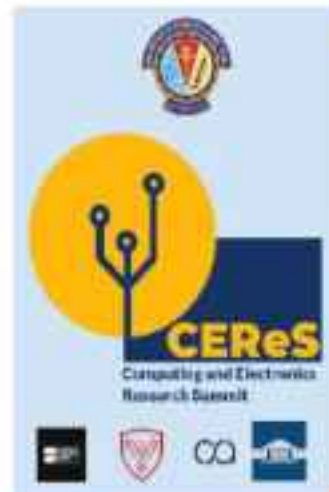


Activities organised on this day allow the public to engage with scientific discoveries and be aware of the emerging issues of immediate concern. Organising Science Day activities results in purposeful interaction between the science fraternity and the common people, for mutual benefit. In this context, the Department of Chemistry, BITS-Pilani, Hyderabad campus, organised a day-long programme on the 28th of February 2022, to celebrate National Science Day. The event was supported by the National Council for Science & Technology Communication (NCSTC), Department of Science & Technology, Govt. of India and the Telangana State Council for Science and Technology (COST). A total of seventy students (belonging to grade-IX to XII) from local high schools attended the programme and participated in various activities.

The primary objective of celebrating National Science Day was to spread the message of the importance of science and its application among people. Scientific temper is essential to accelerate the pace of development. Even in the 21st century and despite many significant achievements, certain sections of our society are still guided by blind faith and beliefs, which is reflected in the quality of decision-making on developmental issues. The celebration of NSD attempts to generate scientific-minded citizens. Science

and technology have broken barriers and addressed issues ranging from environment, disease eradication, space exploration, energy production, and the information highway, to name a few. Science aims at bringing peace and prosperity, environmental sustainability and benefits to humankind. Biotechnology is making a significant impact on agriculture, health, the environment, industry and pharmaceuticals. Communication at lower costs enables greater accessibility and is another product of technology. This event was meant to communicate these developments to school children and inculcate in them a scientific temper. Health and hygiene issues were also highlighted. The daily application of science in the provisioning of clean drinking water, eradicating contagious diseases, improving agricultural practices by increasing crop production, the usefulness of biodiversity conservation, etc., should be disseminated to the future generation. To convey these thoughts, on this auspicious day, we organized plenary talks by Prof. Amitabha Chattopadhyay, CSIR Bhatnagar Fellow at CSIR-Centre for Cellular and Molecular Biology, Hyderabad and Prof. T. P. Radhakrishnan, School of Chemistry, University of Hyderabad. A documentary film on Sir C.V. Raman's life and work was screened in the auditorium. Easy-to-do science experiments was demonstrated to the visiting students belonging to classes IX to XII. Lab visits Raman Spectroscopy and quiz competition on science and technology was arranged for the participants. Finally, a poster presentation by students on the theme "Integrated approach in science and technology for a sustainable future" was organised.

Computing and Electronics Research Summit organized (CEReS 2022) by Department of CSIS



A two day summit was organised by the student bodies (PHoEnix, CSA, ACM and IEEE) of CSIS and EEE departments to spread awareness on the research opportunities in these two streams. The event brought experienced speakers and aspiring enthusiasts together to network and expand their knowledge and

skills. It was held on 30-31 March, 2022. The event included workshops and presentations on various research topics.

3rd Annual Conference conducted by the Department of Economics & Finance



3rd Annual Conference in Economics and Finance was organised from 22nd to 24th March, 2022. The conference was held in hybrid mode- some of the talks were held in online mode, some in offline mode and streamed via Google Meet. The invited talks were delivered by esteemed speakers like Prof Subrata Sarkar (IGIDR, Mumbai), Prof Sankarshan Basu (IIM, Bangalore), Prof. M. Jayadev (IIM, Bangalore), Prof Sugata Marjit (IIFT, Kolkata), Prof Kausik Gupta (University of Calcutta) and Prof Ranjan Banerjee, (BITSOM). A range of topics was covered from the area of economics, finance, and management like behavioral economics, labour regulation, shadow banking, customs union and wage inequality, international trade & finance, etc. The highlight of this edition of our annual conference was sessions consisting of presentations by Ph D scholars from various Indian institutions. We received more than 50 submissions from various prestigious institutions like IIM Ahmedabad, IIM Bangalore, IIT Kanpur, IIT Delhi, IIT Bombay, ISI (Delhi), DSE (Delhi), JNU (Delhi), etc. This category also consisted of three best paper awards, carrying monetary award of Rs. 25000, Rs. 20000, and Rs. 15000 respectively. Bharati Singh (IIM, Ahmedabad) won the First Best Paper award for her paper titled 'Efficacy of surveillance action and its relationship with Earnings Management and Corporate Governance', Paras Sachdeva (IIT, Kanpur) received the Second Best Paper for the paper titled 'Role of Structural and Policy Factors in Explaining Indian Public Expenditure Multipliers', and Shreya Lahiri (BITS-Pilani, Hyderabad Campus) & Kopal Mathur (IITD-UQIDAR) were the joint winners of the Third Best Paper award for their papers titled 'Does Financial Literacy Improve Financial Attitude

in Emerging Economies? - Evidence from India', and 'Talent Allocation in the Indian Economy: Measurement and Policy Implications' respectively.

The Department of Economics & Finance also conducted a seminar series the details are as follows:

Title: Culture, Caste and Drinking Water, Speaker: Dr Saheli Bose is a Post Doctoral Fellow at CSSS, Calcutta. She has completed her Ph D from Jadavpur University. Her research interests include the effect of networks on allocation of public and private goods, economics of small firms. She has published in journal like Constitutional Political Economy, Economic Change and Restructuring, Journal of Rural Development. Date and Time: 24th February, 2022, 03:30- 04:30 PM.

Title: COP26: Challenges and the Way Ahead for India, Speaker: T Jayaraman is a Senior Fellow in the area of Climate Change at the M S Swaminathan Research Foundation, Chennai. Earlier he has served as a Professor at the School of Habitat Studies, Tata Institute of Social Sciences, Mumbai.

Department of Electrical and Electronics Engineering organised the Virtual International Workshop on Smart Cities, A Road Map was conducted by

Virtual International Workshop Titled-Smart Cities, A road map for Future Development conducted from 10th to 12th January was jointly organized by the department of Electrical and Electronics Engineering of BITS-Pilani, Hyderabad campus and Pilani Campus and Centrale Supélec France supported by, Scheme for Promotion of Academic and Research Collaboration (SPARC), Ministry of Education, Government of India. Smart cities are being planned and promoted at a large scale by the Government of India. The Union government announced the project for developing 100 cities as 'smart' on 25th June 2015, of which Jaipur, Indore, Chennai, and Pune are a few. The Smart Cities Mission is meant to set examples that can be replicated both within and outside the Smart City, catalysing the creation of similar Smart Cities in various regions and parts of the country. Due to the Pandemic, the Centre has extended the time line for implementing the Smart Cities

Mission to June 2023. The objective of this workshop was to promote sustainable and inclusive cities that provide core infrastructure, a clean and sustainable environment and a decent quality of life to its citizens, through the application of 'Smart' Solutions. To achieve this, a holistic approach to smart city development is essential. This International Workshop aimed to foresee such challenges and recommend strategies for Smart Cities.



Virtual International Workshop- Smart Cities, a road map for future development

At another Virtual Instrumentation Workshop was jointly conducted by EEE & Computer CEReS which aimed to create awareness of opportunities in the field of research by bringing together researchers and enthusiasts from diverse disciplines in an exciting blend of talent and curiosity. The two-day event that was held on 30th & 31st March, 2022 featured a whole array of activities like workshops, presentations, discussions and much more. In this workshop, the students learnt the use of simulation tools through hands-on experience on a variety of topics, including the Internet of Things, Artificial Intelligence, Cyber Security, Machine Learning, Virtual Instrumentation/ Digital Twin (Simulations) and Cloud/ Edge Computing.



Virtual Instrumentation Workshop jointly conducted by EEE & Computer Science-COMPUTING AND ELECTRONICS RESEARCH SUMMIT I CEReS 2022

Department of Electrical and Electronics - Eminent visitors

- Dr Steve Greedy, Associate Professor and member of the George Green Institute for Electromagnetics Research, University of Nottingham UK, on 23rd May, 2022.
- Lucy Rose, Senior Education & Student Experience Manager – Admissions, Faculty of Engineering, University of Nottingham UK, on 23rd May, 2022.
- Shri Jayesh Ranjan, Telangana State Information Technology, Electronics and Communication Secretary, on 23rd May, 2022.
- Shri Naveen Mittal, IAS, Commissioner of Collegiate & Technical Education, Government of Telangana, on 27th May, 2022.

The Department of Humanities & Social Science conducted a series of Webinar the details are as follows:

- Title of the Webinar: "Why Should I be Moral?", By Prof Syed Abdul Sayeed, Date and Time: 10th February, 2022, Thursday, 5:00-6:00 pm Speaker: Prof Syed Abdul Sayeed was formerly a professor at the Department of Aesthetics and Philosophy at The English and Foreign Languages University, Hyderabad.

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

INVITES YOU TO THE FIRST LECTURE IN THE ETHICS LECTURE SERIES

"WHY SHOULD I BE MORAL?"

On
10th February 2022
Thursday
5-6 PM

meet.google.com/yat-mpen-hcs



BITS Pilani
Hyderabad Campus



- Title of the Webinar: "Plague and Cholera in the Present Context" By- Patrick Deville, an award-winning French writer. Date: 24th February, 2022, Thursday Time: 4:00-5:00 PM. *Plague and Cholera* is a fictionalised biography of the French microbiologist Dr Alexandre Yersin.



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&



af Alliance
Hyderabad

Invite you to a Webinar by

Patrick Deville

on

Plague and Cholera in the Present Context



- Title of the Webinar: Why Ethics of Information? By Prof. Amita Chatterjee, Emeritus Professor, School of Cognitive Science & Philosophy, Jadavpur University Date and Time: 28th February, 2022, 5:00-6:00 PM.
- Title of the Webinar: The Role and Significance of Moral Values in Governance: Prof Shashi Motilal Professor (Retd.) Department of Philosophy University of Delhi, Date and Time: 4th March, 2022, 5:00-6:00 PM.
- Title of the Webinar: Title of the Talk: Man and Environment: Ethical perspectives By: Dr. Priyambada Sarkar, professor at the Department of Philosophy, University of Calcutta, West Bengal, India.
- Title of the Webinar: "Risks in Engineering Design and Innovation: Responsibilities of Engineering Professionals" By Dr. Satya Sundar Sethy Associate Professor of Philosophy, Indian Institute of Technology Madras, Date and Time: 7th April, 2022, 5:00-6:00 PM.
- Title of the Webinar: Professions in Crisis: An appraisal of Engineering Ethics By: Prof. Vikram Singh Sirota, IIT Bombay, Date and Time: 19th April, 2022, 5:00-6:00 PM.

Conference organized by the Department of Humanities & Social Sciences



This Conference titled Structured Dialogue for Sustainable Urban Water Management (SDSUWM) was held at



Visakhapatnam during 13-14th March, 2022 was organized by Dr Suchismita Satpathy, HSS department as a part of DST funded project Structured Dialogue for sustainable Urban Water Management.

The aim of this was to engage with agencies involved in water supply management and take stock of the existing water situation in Visakhapatnam. The conference was attended by PHED, GVMC, Andhra University and Krishna University professors working on water issues, NGOS working (Green Climate, Scope) in the water sector in Vizag, Sustainability Research Unit (SRU) GVMC. Student paper presentation was also a part of the conference. Post-conference, a field visit was organized to collect water samples from the different sources from where the municipality supplies water to individual households.

Department of Mathematics conducted the international conference on Computational Methods in Sciences an Engineering

The Department of Mathematics organized an international conference (online) on Computational Methods in Sciences and Engineering (CMSE-2022) in BITS-Pilani, Hyderabad Campus during 22-24 April, 2022. The theme of this online conference includes Mathematical Modelling, Numerical Analysis, Differential Equations, Fluid/Solid Mechanics, Machine learning, Data Analysis, Inverse Problem, Image and Signal Processing and Asymptotic Analysis. The conveners of the conference were Prof Sumit Vishwakarma, Dr Santanu Koley, Prof J Jagan Mohan & Dr Gujji Murali Mohan. All sessions were conducted over Google Meet.



The event started with a brief inaugural session in the presence of Prof Venky Krishnan, Tata Institute of Fundamental Research, Bangalore, Prof G Sundar, Director BITS-Pilani, Hyderabad Campus and Prof P K Sahoo, HoD

Mathematics. The convener, Prof Vishwakarma, delivered the welcome address, followed by the address of the chief guest, Prof Krishnan, and the Director. At the end of the event, the Head of the Department offered the vote of thanks.

The webinar was divided into invited talk and paper presentation sessions. Ten invited talks from across the globe and 136 research papers were presented in 9 parallel sessions. Each day, three parallel sessions were scheduled for paper presentations. There were 326 participants from 8 different countries in the event. The webinar concluded with the valedictory session by the convener, followed by the address of the chief guest Prof P Yogeeswari, Senior Professor, Department of Pharmacy, BITS-Pilani, Hyderabad Campus. Best Paper Presentation Award has been announced by the Convener. A cash-prize along with an e-certificate has been provided to the awardee. An e-certificate towards paper-presentation has been sent to the participants.

WELCOME TO CMSE-2022
COMPUTATIONAL METHODS IN SCIENCES AND ENGINEERING (CMSE-2022)
 April 22-24, 2022
 Department of Mathematics
 BITS-Pilani, Hyderabad Campus
 Hyderabad Campus, Hyderabad 500075, Telangana, India

KEYNOTE SPEAKERS:
 Prof. Sumit Vishwakarma (Tata Institute of Fundamental Research, Bangalore)
 Prof. Santanu Koley (BITS-Pilani, Hyderabad Campus)
 Prof. J. Jagan Mohan (BITS-Pilani, Hyderabad Campus)
 Prof. Gujji Murali Mohan (BITS-Pilani, Hyderabad Campus)

TOPICS:
 Mathematical Modeling
 Numerical Analysis
 Differential Equations
 Fluid/Solid Mechanics
 Machine Learning
 Data Analysis
 Inverse Problem
 Image and Signal Processing
 Asymptotic Analysis

ABOUT THE INSTITUTE:
 BITS-Pilani is a premier institution of higher learning in India. It is a part of the BITS Group of Institutions, which is a group of institutions spread across India. The Department of Mathematics at BITS-Pilani is a leading research center in the field of Mathematics. It is a part of the BITS-Pilani Group of Institutions, which is a group of institutions spread across India.

ORGANIZING COMMITTEE:
 Convener: Prof. Sumit Vishwakarma (Tata Institute of Fundamental Research, Bangalore)
 Co-Convener: Prof. Santanu Koley (BITS-Pilani, Hyderabad Campus)
 Secretary: Prof. J. Jagan Mohan (BITS-Pilani, Hyderabad Campus)
 Treasurer: Prof. Gujji Murali Mohan (BITS-Pilani, Hyderabad Campus)

CONTACT:
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 Phone: +91 98480 12345

Department of Mathematics - Eminent visitors

Prof. V Sree Hari Rao visited the Mathematics Department and met the faculty members. He spoke about current research and the needs of society.



Department of Pharmacy conducted online Seminar on Global Career Pathways for Pharmacy Graduates.



- An online Seminar on the topic 'Global Career Pathways for Pharmacy Graduates' was conducted on 29th January, 2022. This is a first in the series of seminars organized by the Dept. of Pharmacy on career prospects for Pharmacy graduates. Prof Dulal Panda, Director NIPER Mohali, Chandigarh was the Chief Guest of this event. Six talks were delivered by renowned personalities from India and abroad: Dr Debashish Boral, Senior Scientist, Interius Biotherapeutics, USA; Dr Nisha Rizvi, Medical Science Liaison, Pharmacosmos Therap. Inc., USA; Mr Amit Patil, Manager-Data Science, Accenture, India; Mr Umashetty, Associate Director-QA, TEVA Pharm, India; Mr Varun, Director-Data Science, Novartis, India; Dr Justin

Darcy, Scientist, Alnylam Pharmaceuticals, USA were the main speakers. The program helped the participants understand the broader domain of pharmacy profession and assist them in selecting the right pathways to attain suitable career opportunities.

- A National Symposium 'Current Trends in Pharmaceutical Sciences 2022' with a theme 'Recovery with Resilience' was conducted on 30th March, 2022, in hybrid mode. Students had the opportunity to attend the event directly and/or livestream through Cisco Webex. Dr S Eswara Reddy - Joint Drug Controller of India was the Chief Guest. The speakers of the event were Dr Ravi Sekhar Kasibhatta - (Senior Vice President- Lupin Pharma), Mr Arani Chatterjee - (Senior Vice President- Aurobindo Pharma), Mr Ravleen Singh Khurana-(MD, Nikita Pharmaceuticals), Mr Sachin Bhandari - (Thought Leadership, Sun Pharma) and Mr M N A Rao - (Former General Manager, R & D-Divis Laboratories).

Department of Physics organised an online international meeting for Pulsar Timing Array

As part of the Indian Pulsar timing array (IPTA) collaboration, Prof Sarmistha Banik, organized an international online meet during June 22-24, 2022. The International Pulsar Timing Array (IPTA) is a consortium of consortia, comprised of the European Pulsar Timing Array (EPTA), the North American Nanohertz Observatory for Gravitational Waves (NANOGrav), the Indian Pulsar Timing Array Project (IPTA), and the Parkes Pulsar Timing Array (PPTA). The goal of the IPTA is to detect and characterize the low-frequency gravitational wave universe through timing a global array of approximately 100 millisecond pulsars using the largest radio telescopes in the world.



The main idea of the meet was to catch up on the latest work updates among the various partners of the IPTA collaboration. Researchers from South Africa, Australia, India, China, Japan & America participated in the meeting; the sessions were adjusted to facilitate the different time-zones. One session was allocated to each of the collaborations i.e. PPTA of Australia, China, InPTA India, MeerKAT South Africa, Thailand, EPTA Europe, followed by a detailed discussion session. One particular notable point was active participation and presentation by several young PhD and postdoctoral researchers in all the sessions. Mr Nobleson of Department of Physics, BITS-Pilani made an oral presentation on his recent InPTA work on Wideband analysis, which was published in the journal Monthly Notices of Royal Society of the Sciences (2022). The final day was reserved for NanoGrav and upcoming Square Kilometer Array (SKA) telescope, followed by working group updates and general discussions on IPTA's near future directions & plans.

Department of Chemical Engineering organised a two-day International Conference on Novel Materials and Technologies for Energy and Environment Applications (NMTE2A-2022)

The Department of Chemical Engineering organised a two-day International Conference on Novel Materials and Technologies for Energy and Environment Applications (NMTE2A-2022) in BITS-Pilani, Hyderabad Campus, on 18th and 19th February 2022. This conference covered fundamental aspects and technologies developed to target the open questions in energy and environment applications. The conference conveners were Dr. Nandini Bhandaru and Dr. Ramendra Kishor Pal. The chairman of the conference Professor I. Sreedhar delivered the welcome speech, followed by opening remarks by Professor G. Sundar, Director BITS Pilani, Hyderabad Campus. Next, Professor Souvik Bhattacharyya, Vice Chancellor, BITS-Pilani, graced us with his address. Eminent scientist and teacher Professor Ashutosh Sharma inaugurated the conference and delivered a keynote speech.

International Visits by faculty

Dept. of Biological Sciences

- Prof Nishith Gupta was invited to present a paper at the TOXO-2022 (Global Symposium on Toxoplasmosis) organised by United Scientific Group, USA on Feb 08, 2022. He virtually presented a paper titled 'Cyclic Nucleotide Signaling in Toxoplasma gondii'.

Dept. of Chemistry

- Prof B M Reddy delivered a talk on 'Design of Novel Nano-Oxide Catalysts for Energy and Environmental Applications' at the International Conference on 'Novel Materials and Technologies for Energy Applications (NMTEA-2022)' held at BITS-Pilani, Hyderabad Campus during 18-19 February, 2022. (On 18th February)
- Dr Tanmay Chatterjee delivered an invited talk entitled as 'Iodine catalyzed green synthetic strategies for the oxidative annulation of 2-alkynyl biaryls: Access to polycyclic aromatic hydrocarbons and polycyclic heteroaromatics' in the Global Conference on Catalysis and Chemical Engineering (GCC), A two-day webinar organized by Strenuous Group, Arlington, TX 44113, USA on February 23rd and 24th, 2022.

- Prof Durba Roy delivered an Invited lecture entitled '*The omnipresent, yet under explored polysaccharides as comprehended through molecular dynamics*' at Theoretical Chemistry Meeting: Structure and Dynamics (TC-MSD-2022)", held at IACS, Kolkata, 26-29 May, 2022.
- Prof Jayanty Subbalakshmi delivered an invited talk on 'Molecular materials Based on Organic pi-electron donor and acceptor' at the Two Days Virtual International Conference on Chemical Advances for Sustainable Development (CASD 2022) held on 12th and 13th April 2022. Organized by the Department of Chemistry, University College for Women, Koti, Hyderabad-095.
- Prof N Rajesh, Department of Chemistry presented an invited talk on 'Clean Environment- Need for Sustainable Solutions' under the Faculty Development Program(FDP) symposium on Recent Advances in Learning Chemical Sciences. (RALCS-2022) on 29th April, 2022 organized by the Department of Chemistry, JNTUH College of Engineering, Hyderabad.
- Prof KVG Chandra Sekhar conducted two sessions on 'Spectroscopic Techniques in Structure Elucidation'

for college and university teachers during 'Science Academies' Refresher Course in Chemistry" organized by Department of Science & Technology, New Delhi at Division of Chemistry, Department of Sciences & Humanities, Vignan University, Guntur, Andhra Pradesh on 16th May 2022.

Dept. of Civil Engineering

- Ramagiri, K K; Kara De Maelier, P.; and Prof Arkamitra Kar., (2022) delivered a lecture on 'High-Temperature, Bond, and Environmental Impact Assessment of Alkali-Activated Concrete (AAC)', Engineering Proceedings, 17 (24).
- U Ramakrishna, Dr Mohan S C, M B Patil delivered a lecture on Multi-Objective Optimization for Response Reduction of Dynamically Similar Adjacent Buildings with Optimal VE Dampers, Int. J of Structural Engineering, accepted, 2022.
- Hareen, CH BV, and S C Mohan. Energy-based seismic retrofit and design of building frames with passive dampers. Engineering Structures 250 (2022): 113412.
- Mayank Yadav, Prof Chandu Parimi, Dr Raghu Piska delivered a lecture on Hygro-thermal analysis of Euler-Bernoulli nano beams under surface and magnetic field effect based on nonlocal strain gradient theory. International conference on computational methods in sciences and engineering (CMSE-2022), April 22-24, 2022, BITS-Pilani, Hyderabad, India.
- Venkateswari, T, Prof Jagadeesh Anmala, delivered a lecture on Application of Random Forest Model in The Prediction of River Water Quality, 7th International Congress on Information and Communication Technology (ICICT 2022) conference held on 21-22 February, 2022 in London.

Dept. of CSIS

- Anirudh Kasturi, S Vishwamithra, and Prof Chittaranjan Hota delivered a presentation on Communication Efficient Distributed Learning using Variational Auto Encoders at the 14th International Conference on COMMUNICATION SYSTEMS & NETWORKS (COMSNETS), January '22, Bengaluru, 2022, IEEE, pp. 744-748.
- Kumar, Avinash, Balan Raghunathan, Gupta Pranjal, Neti Lalita Bhanu Murthy and Malapati Aruna delivered a presentation on 'BILEAT: A Highly Generalized and Robust Approach for Unified Aspect-Based Sentiment Analysis', Applied Intelligence, Springer January 2022, (SCI Indexed, Impact Factor: 5.086).

- Sarvesh Sanjay Wanode, Milind Anand, Dr Barsha Mitra, delivered a presentation on Optimal Feature Set Selection for IoT Device Fingerprinting on Edge Infrastructure using Machine Intelligence, accepted in IEEE INFOCOM WKSHPS: AAE 2022: AI/ML for Edge/Fog Networks.
- S. Otta, and S. Panda, delivered a presentation on Decentralized Identity and Access Management of Cloud for Security as a Service at the 13th International Conference on COMMUNICATION SYSTEMS & NETWORKS (COMSNETS), IEEE, to be held at Bengaluru from January 3rd to 8th January, 2022.
- Sanidhya Vijayvargiya, Dr Lov Kumar, Prof Aruna Malapati, Lalita Bhanu Murthy, and Prof Aneesh Krishna, delivered a presentation on COVID-19 Article Classification using Word-Embedding and Extreme Learning Machine with Various Kernels, The 36th International Conference on Advanced Information Networking and Applications (AINA-2022), Sydney, Australia (Accepted) (CORE B).
- Ramisetty Kavya, Dr Jabez Christopher, and Dr Subhrakanta (2022) delivered a presentation on ScaPMI: Scaling Parameter for Metric Importance in Proceedings of the 14th International Conference on Agents and Artificial Intelligence - Volume 3: ICAART, ISBN 978-989-758-547-0, pages 83-90.
- Pattiwar Shrawan Kumar, Nida Fatima, and Paresh Saxena, delivered a presentation on 'Performance analysis of multipath transport layer schedulers under 5G/B5G hybrid networks,' and the paper was accepted in 14th IEEE/ACM International Conference on COMMUNICATION SYSTEMS & NETWORKS (COMSNETS), January, 2022.
- Yannam, Pavan Kumar Reddy, Vineet Venkatesh, and Manik Gupta delivered a presentation on 'Research study and system design for evaluating student stress in Indian Academic Setting' 2022 14th International Conference on COMMUNICATION SYSTEMS & NETWORKS (COMSNETS) IEEE, 2022.
- Badam, Jathin; Bonagiri, Akash; Raju, KVLN; Chakraborty, Dipanjan, delivered a presentation on Aletheia: A Fake News Detection System for Hindi, CODS-COMAD 2022: 5th Joint International Conference on Data Science & Management of Data (9th ACM IKDD CODS and 27th COMAD), 2022.
- Srivastava, P., Ijardar K., Joshi, A, Choudhury, N., delivered a presentation on 'Token Based Energy-efficient Off loading Schemes for IoV Networks', IEEE COMPSAC'22, Torino, Italy.

Dept. of Economics & Finance

- Dr. Sudatta Banerjee presented a paper 'Intra household personal decision-making power as a measure of women empowerment and its effect on children's education - A study of rural India' and Chaired a Session at SIBR Conference on Interdisciplinary Business and Economics Research, held in Tokyo, Japan, 6-7 January, 2022 (online).

Dept. of Electrical & Electronics Engineering

- Aparna Nair M K, Police Manoj Kumar Reddy, Abijith Y L, Venkatesh Rajagopalan, and Soumya J delivered a presentation on 35th International Conference on VLSI Design and 2022 21st International Conference on Embedded Systems (VLSID), 26th February- 2nd March, 2022.
- CVN Bhaskar, M Balasubramanian, S Pal, PK Pattnaik 2022 Workshop on Recent Advances in Photonics (WRAP), 1-2, Feb 2022.
- Balasubramanian M, Avinash Bhat Pattaje, Arumulla Mohit Krishna, Bandi Jai Krishna, Pratyush Chakraborty and Prof Alivelu Manga Parimi 36th International Instrumentation & Measurement Technology Conference, IEEE I2MTC 2022 May, 2022.
- Manish Bhaliyya, Prasant K Pattnaik and Prof Sanket Goel 17th IEEE International Symposium on Medical Measurements and Applications (MeMeA 2022) June, 2022.
- Nalanagula Rajasekhar, Nareesh K Darimireddy, Prof Runa Kumari, and Abdeliah Chehri International scientific symposium for research in the fields of Human Centre Intelligent Systems, KES-HCIS-2022 June, 2022.
- Sruthi Elaprolu, Ankur Bhattacharjee 8th International Conference on Advances in Energy Research (ICAER) 7-9th July, 2022.

Dept. of Humanities & Social Sciences

- Prof. Shilpa Anand presented a paper titled, 'COVID-19 Lockdowns and the Biopolitics of Debility', at the virtual annual conference of the Society for Disability Studies at OSU Multiple Perspectives on 12th April, 2022.

Dept. of Mathematics

- Prof P K Sahoo, presented a paper titled Power-law cosmology in Weyl-type $f(Q,T)$ gravity on 02-04 February, 2022 organised by 11th Australasian Conference on General Relativity and Gravitation (ACGRG).

- Dr. Nirman Ganguly, presented a paper titled 'A-unital operations and their relation to quantum' conditional entropy on 14-24 February, 2022 International Conference on Quantum Information and Foundations [ICQIF-2022] Organizer: Physics and Applied Mathematics Unit, Indian Statistical Institute, Kolkata, India.
- Prof. Manish Kumar, presented a paper titled 'Sampling and quantization of continuous images and application' on 08-09 March, 2022. Organised by Department of Mathematics, SSN College of Engineering, Kalavakkam-603110, Tamil Nadu.
- Dr. Santanu Koley, presented a paper titled 'Time-domain analysis of quarter-circle shaped oscillating water column device' on 2-4 April, 2022. Organised by The 4th International Conference on Clean Energy and Electrical Systems (CEES 2022), Tokyo, Japan.

Dept. of Mechanical Engineering

- Puppala Manoj Kumara, Prof. R Parameswaran, Prof. I Sreedhar, presented a paper titled Thermal Conductivity Enhancement of Magnetic Nanofluids for Energy Applications, 19th February, 2022, in the International Conference on Novel Materials and Technologies for Energy and Environmental Applications (NMTEA 2022).

Department of Pharmacy

- Dr K Srinivas Prasad attended the International Conference on Young Investigator meeting from 4th to 6th, May, 2022, at India Bioscience online mode.

Dept. of Physics

- Dr. Davuluri presented a poster Short online presentation and poster at International Conference organized by Optical Society of America (OSA) Quantum 2.0.
- Dr. Harihara V delivered an invited talk (online) at the International Conference on Materials Science and Engineering (Materials - 2022), Boston, USA, 18-22 April, 2022.

Faculty Awards

Dept. of Biological Sciences

- Bharat Shiksha Gaurav Puraskar, Bharat Gaurav Puraskar and Certificate of Excellence to Dr Kirtimaan Syal, Dept of Biological Sciences, BITS-Pilani, Hyderabad by KTK Outstanding Achievers and Education Foundation, non-profit society, registered under MCA, Govt. of India awarded for the outstanding contribution in the field of education and research on 29th March, 2022.

Dept. of Chemistry

- Royal Society of Chemistry (RSC), UK approved an edited book proposal titled 'Advances in Microwave-Assisted Heterogeneous Catalysis' edited by Prof Jianli Hu (West Virginia University, USA) and Prof B M Reddy (BITS-Pilani, Hyderabad Campus, India) for publication during 2022.
- Prof N Rajesh, Department of Chemistry was recognized as an outstanding reviewer for the international journal RSC Advances for his significant contributions.
- Prof N Rajesh, Department of Chemistry was inducted as the National Advisory Committee member for the conference in Analytical Chemistry organized by Indian Analytical Science Congress, Kerala Chapter, during 10-12 March, 2022 under the theme 'AATMANIRBHAR BHARAT'.

Dept. of Civil Engineering

- Indian Patent No: 202221000307, Filed on 4th January, 2022 Title: 'Apparatus for Laboratory Scale Soil Testing and Soil Stabilisation Studies' Authors: Abhishek A Sutar, Veerabhadra M Rotte and Prof Anasua Guha Ray.
- Prof Anasua Guha Ray received India-Japan Cooperative Science Programme between JSPS (Japan) and DST (India) (Duration: 2022-2024) - Project Title: 'Performance Evaluation of Soft Soil Treated with a Novel Geopolymer of Microbially Induced Calcium Carbonate Precipitation in Waste Material for Sustainable Development'.

Dept. of CSIS

- Dr Dipanjan Chakraborty: Best Demo Award at the CODS-COMAD 2022 International Conference (Virtual event).
- Dr Manik Gupta: Selected as ACM-W India Executive Council Member (2021-25).
- Dr Pragati Srivastava: Received the Outstanding Potential for Excellence in Research and Academics (OPERA) Award from BITS-Pilani.
- Dr Suvadip Batabyal: Received the SERB-SIRE fellowship

for visiting Carleton University Canada for a duration of two months.

- Dr Lov Kumar: SERB International Research Experience for the year 2022-2023 supported by the Science and Engineering Research Board (SERB) to visit Curtin Perth, (Australia).
- Dr Nikumani Choudhary: Elevated to IEEE Senior Member Grade in April 2022.

Dept. of Economics & Finance

- Dr Mini Thomas served as Evaluator for Scholars for Future Programme of Indian Institute of Management Kozhikode (IIMK) in February, 2022.

Dept. of Electrical & Electronics Engineering

- Dr. Subhradeep Pal, Assistant Professor selected as Senior Member of URSI (International Union of Radio Science) January, 2022.
- Rajesh Kumar Tripathy, Assistant Professor became the Associate Editor, Frontiers in Physiology Journal, Frontiers, January 2022.
- Ankur Bhattacharjee, Assistant Professor, Patent Granted on 2nd March, 2022, Patent No: 202031031187, Title: 'An automatic energy efficient hybrid defogging system for glasses used in commercial applications'.
- Sanket Goel, Professor, served as a member of the Editorial Board, Journal of Micro mechanics and Micro engineering, Institute of Physics (IoP), May 2022.
- Parikshit Sahatiya, Assistant Professor, Highly Cited Researcher in 2021 for Royal Society of Chemistry (RSC), Royal Society of Chemistry, June 2022.
- Subhendu Kumar Sahoo, Professor received outstanding Supervisor Award for the achievement of all our team members in the 2022 Innovate FPGA Design Contest, Innovate FPGA, May 2022.
- Amit Kumar Panda, Assistant Professor elevated to Senior Member of IEEE, April 2022.

Dept. of Mathematics

- Prof P K Sahoo, Astrophysical objects in modified theories of gravity: theoretical predictions and observational perspective, NBHM/2022-2025, Sanctioned Amount Rs. 16.81 Lakhs.

- Dr Santanu Koley, Mathematical modeling of oscillating water column wave energy converter devices under irregular and multidirectional incident waves, SERB-DST/2022-2025, Sanctioned Amount Rs. 21.87 Lakhs.
- Dr Deepika, Dynamics of Operators on Weighted Spaces of Holomorphic Functions defined on Infinite Dimensional Spaces, SERB-DST/2022-2025, Sanctioned Amount Rs. 22.92 Lakhs.
- Prof Manish Kumar, chaired a session National Conference of Academy for Progress of Mathematics (NCAPM-RAMAA-2022) 07th-08th May, 2022.
- Dr Santanu Koley, invited to become technical Committee Member, The 4th International Conference on Clean Energy and Electrical Systems (CEES 2022 Conference), Tokyo, Japan, 2-4 April, 2022.
- Dr Santanu Koley, invited to become technical Committee Member, 7th International Conference on Advances on Clean Energy Research (ICACER 2022), Universitat Politècnica de Catalunya - BarcelonaTech (UPC), Spain, 20-22 April, 2022.

Dept. of Physics

- Prof Sarmistha Banik became the life member of Astronomical Society of India, June 2022 onwards
- Prof P K Thiruvikraman has authored a book titled 'Computational methods using MATLAB' published by Institute of Physics (U.K)

Student Awards / Achievements

Dept. of Biological Sciences

- Priyanka Chakravarti - received the DST INSPIRE Fellowship (IPEARL - Research Group of Nishith Gupta)
- Swaroop Peddiraju - received a Short-term scholarship for a collaboration visit at Humboldt University and Leibniz Institute of Pharmacology, Berlin, Germany (IPEARL - Research Group of Nishith Gupta)
- Prof Nishith Gupta-Rosalba Cruz Mironi - received Travel Grant to attend the 16th International Congress on Toxoplasmosis (Riverside, US)

- Dr B Harihara V chaired a session at the International Conference on Novel Materials and Technologies for Energy and Environment Applications, BITS-Pilani, Hyderabad, Feb 2022.
- Dr B Harihara V acted as a National Advisory Committee Member at the International Conference on Multidisciplinary Research and Management, Saikiedha, June 2022.
- Prof V Satya Narayana Murthy acted as a resource person for the three week Industrial Training Programme for the Faculty of Physics of Government Polytechnic Colleges In Telangana State Conducted By UGC - HRDC, Osmania University, 1st to 21st June 2022.

Dept. of Chemical Engineering

- Patent No: 366064-001, Filed on 15th June, 2022. Title: Ultrasonication Assisted Agitated Ball Mill. Authors: Amol Vijay Sonawane, Chetan M. Patel, I. Sreedhar, Z. V. P. Murthy.
- Professor I Sreedhar was appointed as the PhD thesis examiner at the AcSIR-IICT, 14th March 2022.
- Dr Arnab Dutta has been nominated to the Editorial Board Member of Process and Energy Systems Engineering (section of 'Frontiers in Energy Research Journal') as a review editor.
- Dr Arnab Dutta has been invited to be on the National Organizing Committee of the 10th Asian Symposium on Process Systems Engineering-2022 organized by IIT Madras.

- Naresh Patnaik - Participated and presented poster entitled, 'Rapid isothermal amplification and visual detection methods for differential diagnosis of M. tuberculosis and M. bovis - major causative agents of female genital TB and infertility Naresh Patnaik and Ruchi Jain Dey' (*Corresponding author) at International Conference on Reproductive Healthcare and 32nd Annual Meeting of the Indian Society for the Study of Reproduction and Fertility (ISSRF-2022), 11th-13th February, 2022. Awarded Best Poster Presentation.

Dept. of Chemistry

- Ms M Christina Nilavu, Research Scholar, Department of Chemistry presented a poster on *'Ionic liquid anchored carbon obtained from an invasive tree for desulfurization of model fuel'* under the theme "AATMANIRBHAR BHARAT" at the conference organized by Indian Analytical Science Congress, Kerala Chapter, during 10th-12th March, 2022.
- Shouvik Bhui was presented an award for the best research pitch ACS-Fall2 Satellite Event, India – ACS Spring 2022 21-24th March, 2022 on the work entitled *Crystallochromism: a rare phenomenon- Development of Crystallochromic pair, molecular-level understanding and the application*. An international travel grant from SERB was also presented to Shouvik Bhui to attend Tetrahedron Symposium, in Lisbon, Portugal.

Dept. of Civil Engineering

- Mr Syed Mazhar, a research scholar in Geotechnical Engineering specialisation, received International Travel Grant from DST for participating in ASCE GeoCongress 2022, Charlotte, North Carolina, USA (20-23 March, 2022).
- Mr Mallikarjun Patil V., a research scholar in Transportation Engineering specialisation, received International Travel Grant from DST for participating in Transportation Research Board 101st Annual Meeting (TRB-2022), USA (9-13 January, 2022).

Dept. of Economics & Finance

- Mr. Shreyansh Garg, MSc (Eco) 2020-25 batch, received an Internship offer at Niro Money in March 2022.
- Ms. Nehal Nenawati, MSc (Eco) 2020-25 batch, received an Internship offer at National Informatics Center, Hyderabad in June 2022.
- Mr. Ashwin Raj Singh, MSc (Eco) 2020-25 batch, received an Internship offer at Kerala Infrastructure of Technology and Education, Government of Kerala in June 2022.
- Mr. Shubham Agarwal, MSc (Eco) 2020-25 batch, received an Internship offer at National Informatics Center, Hyderabad in June 2022.
- Mr. Shubh Mansinghka, MSc (Eco) 2019-24 batch, received Entrepreneur of the Year Award by BITSAA International in December 2021.

Dept. of Electrical & Electronics Engineering

- Jayapriya U S, received SRISTI-GYTI AWARDEE, Awarded by DBT BIRAC, June 2022.
- Prakash Rewatkar, received SRISTI-GYTI Appreciation, Awarded by – DBT BIRAC, June 2022.
- Geetika Bansal (2020AAPS0303H), Anant Kumar (2020A3PS2211H), and Arunabh Singh (2020AAPS0403H) successfully completed the CanSat Competition organised by the American Astronautical Society from 9-12 June 2022.



Dept. of Mathematics

- Ms Simran Arora, received Young Relativist, Awarded by Tensor Society of India in the International Conference on Differential Geometry & its Applications held at Kuvempu University, Karnataka during 04-05 March, 2022.
- Mr Sanjay Mandal, received Best Paper, Awarded by 'International Conference on Differential Geometry and its Applications' organized jointly by the Kuvempu University, Shivamogga, Karnataka, and The Tensor Society, India during 04-05 March, 2022.
- Vipin V, received Best oral/poster presentation award, Awarded by 7th International Conference on Advances on Clean Energy Research (ICACER 2022), Universitat Politècnica de Catalunya · BarcelonaTech (UPC), Spain, 20-22 April, 2022.
- Ms Laxmipriya Pati, Ph.D. student selected for the DORA Plus Grant to pursue collaborative research work at University of Tartu, Estonia for a period of six months from June 1 2022.

Department of Pharmacy

- P Lakshmi Soukya, PhD Scholar working under Prof Sajeli Begum has received ICMR-SRF award.
- Trupti Gatage, PhD Scholar working under Prof Arti Dhar has received ICMR-SRF award.
- Milan Paul, PhD Scholar working under Prof Swati Biswas has received ICMR-SRF award.
- Tarun Kumar Patel, PhD Scholar working under Prof Balaram Ghosh has received ICMR-SRF award.

Dept. of Physics

- Priyanka Mitra was awarded Best Oral Presentation Award in 'Novel Materials and Technologies for Energy and Environment Applications' organised by BITS-Pilani, Hyderabad Campus 18-19th Feb 2022. She also presented a paper online in 2nd International Conference on Materials Science & Engineering (ICMSE-2022)

from 11-12 June, 2022. Her full paper got accepted for publication in the scopus indexed 'IOP Conference Journal Series: Materials Science and Engineering' and 'Materials Today: Proceedings'.

- NOBLESON presented a paper in an online international meeting for International Pulsar timing Array (IPTA) Catch-up meeting 2022, 22-24 June, 2022. He presented a poster in the Annual meeting of the Astronomical Society of India at IIT Roorkee, 25-29 March, 2022. His work on 'Low-frequency wide band timing of In PTA pulsars observed with the uGMRT' got published in the highly prestigious 'Monthly Notices of the Royal Astronomical Society' (MNRAS), Volume 512, Issue 1, pp 1234-1243 May 2022 (Impact Factor 5.827).
- Mr. Waseem & Mr. Jahangeer each presented one paper in 'Novel Materials and Technologies for Energy and Environment Applications' organised by BITS-Pilani - Hyderabad Campus 18-19 February, 2022. Their full papers were accepted for publication in the scopus indexed 'Materials Today: Proceedings'.

Dept. of Chemical Engineering

- Mr. Anant G. Kedia (mentored by Dr. Pankaj Kumar and Dr. Arnab Dutta) won the Best Oral Presentation Award at the International Conference on Novel Materials and Technologies for Energy and Environment Applications (NMTEEA) organized by BITS Pilani, Hyderabad, 2022.
- Mr. Baru C. Kiran (mentored by Dr. Arnab Dutta) received the Young Author Support Award by the International Federation of Automatic Control (IFAC) Foundation to present his paper at the 13th IFAC Symposium on Dynamics and Control of Process Systems (DYCOPS), held in Busan, Republic of Korea, 2022.
- Mr. S. Danush (mentored by Dr. Arnab Dutta) won the Best Oral Presentation Award at the International Conference on Novel Materials and Technologies for Energy and Environment Applications (NMTEEA) organized by BITS Pilani, Hyderabad, 2022.

International Programmes & Collaborations Division (IPCD)

- Twenty-three students did their off-campus thesis abroad in the second semester of 2021-22. Sixteen applications for partial financial support have been received from UG students for the I semester of 2022-23.
- Three students (UG) were selected for an 8 weeks summer research internship 2022 at University of southern California under the Viterbi-India Program.
- Two students(UG) were selected for a summer research internship 2022 at Tel Aviv University (TAU), Israel.
- One student(UG) was selected for Future Research Talent Program 2022 at The Australian National University, Australia.
- MoU with University of Tromsø, Norway was signed on 13th January, 2022.
- Prof. Arun K Somani, Distinguished Professor and Senior Associate Dean, College of Engineering, Iowa state University visited BITS-HYD campus during 19-20 May, 2022.
- Prof. C Vijay Kumar, Fulbright Fellow, University of Connecticut, is visiting our campus from 30th May, 2022, to till September.
- Sadamanti Sireesha, I. Sreedhar. Modified low cost engineered biochar prepared from Neem de-oiled cake for heavy metal sorption. International Conference on Novel Materials and Technologies for Energy and Environmental Applications (NMTE2A), 2022, BITS Pilani Hyderabad Campus, Hyderabad.
- Pradeep Reddy Punnam, Balaji Krishnamurthy, Vikranth K. Surasani. Study on utilization of time series neural network for Geological CO₂ Sequestration simulations. International Conference on Novel Materials and Technologies for Energy and Environmental Applications (NMTE2A), 2022, BITS Pilani Hyderabad Campus, Hyderabad.
- C. Sowmya, D. Purnima. Chrome removal from bulk drug industry effluent using fly ash waste generated in industrial process. International Conference on Novel Materials and Technologies for Energy and Environmental Applications (NMTE2A), 2022, BITS Pilani Hyderabad Campus, Hyderabad.
- Y. Varun, I. Sreedhar, Satyapaul A. Singh. A study on transition metals doped CeO₂-ZrO₂ (CeZ) nanocomposites for CO₂ methanation. International Conference on Novel Materials and Technologies for Energy and Environmental Applications (NMTE2A), 2022, BITS Pilani Hyderabad Campus, Hyderabad.
- Anant Gaurav Kedia, Pankaj Kumar, Arnab Dutta. Techno-economic analyses for production of value-added hydrocarbons from lignin-derived bio-oil. International Conference on Novel Materials and Technologies for Energy and Environmental Applications (NMTE2A), 2022, BITS Pilani Hyderabad Campus, Hyderabad.
- Baru C Kiran, Arnab Dutta. Surrogate-assisted fault detection framework for dynamic process. 13th IFAC (International Federation of Automatic Control) Symposium on Dynamics and Control of Process Systems, DYCOPS-2022, Busan, Republic of Korea.
- Pranav Nambiar, Debrupa Mitra, Arnab Dutta. Machine learning assisted screening framework for insecticidal peptides. International Conference on Novel Materials and Technologies for Energy and Environmental Applications (NMTE2A), 2022, BITS Pilani Hyderabad Campus, Hyderabad.



Prof Arun Somani, Distinguished Professor and Fulbright fellow, Iowa state University



Delegates from Nottingham University



Events organized / participated by IPCD:

- BITS Hyd students Topic: Information session on summer research Internship, on 05th February, 2022.
- Singapore Management University Topic: Information session on Master in Management (MIM) Programme and benefits for BITS-Pilani students, on 17th February, 2022.
- Prof. Akhlesh Lakhtakia, Pennsylvania State University Topic: Biologically Inspired Design, 14th March, 2022.
- Network 'nH', Open Day Webinar for students interested by Science Technology Engineering Mathematics studies in France, on 21st March, 2022.
- German Academic Exchange Service (DAAD), Topic: Higher Studies & Research Opportunities in Germany, on 22nd March, 2022.
- German Academic Exchange Service (DAAD) Topic: German Academic Exchange Service (DAAD) on 22nd March, 2022.
- Prof. Arun K Somani, Distinguished Professor and Fulbright Fellow, Iowa State University, Topic: Efficient Cycle Quorum Based Computation and Communication Management for All-Pairs Interactions on 19th May, 2022.
- University of Nottingham, U K, Topic: For exploring possibility for Collaboration on 23rd May, 2022.

RESEARCH : ALL SUMMER LONG





INIKA BHATTACHARYA
2020AMR008H
IISc, VISIB



ANSHIKA SURERA
2019B0047H
UNIVERSITY OF ABERDEEN



TANAY NAGAR
2020AMR008H
IISc, VISIB



ANUBHAV PANDAY
2019AMR008H
INDIANA UNIVERSITY
(through IISc)



TANISHA
2019AMR008H
UNIVERSITY OF ABERDEEN
(through IISc)

**5TH FEB 2022
5:00 PM**

Contact: Dr. Arun K Somani - 984 2780222 / 984 2780222
984 2780222 - 984 2780222

Meet link: <https://www.google.com/join/20220205>

Virtual session by students



Interns was successfully undertaken. Competitions like Pitcher's Pilot, Ground Reality and Beyond Profits put the business acumen and the entrepreneurial thinking of many to test. Overall, Launchpad'22 delivered on what it promised. It was not only informative and fun but also gave a lot of students the opportunity to exercise and execute their skills in the entrepreneurial domain.

Launchpad'22

E-cell successfully orchestrated Launchpad, the annual entrepreneurship summit. The summit was an amalgamation of a myriad of events, talks and competitions whose motive was fostering the entrepreneurial spirit amongst the students. Cabinet minister, Piyush Goyal graced the event as the chief guest while illustrious personalities like Aman Dhattarwal, Sandeep Parasarmpuria, and many others enriched the event's line-up by espousing a keynote session. The internship drive, an initiative where various start-ups were connected to interested and prospective

Sanctioned Projects (SRCD) During Jan-June 2022

Sl. No	Title of the Project	Name of the PI	PI-Dept	Co-PI-Name	Co-PI-Dept	Funding Agency	Sanctioned Amount (Rs)	Sanctioned date
1	Design and Implementation of a Hardware Efficient Secure Pseudo-random Bit Generator for Physical Layer Security in the Resource Constraint IoT Devices	Dr Amit Kumar Panda	EEE	NA	NA	DST SERB SRG	2521810	12 Jan, 2022
2	Design and Development of a Multi Sensor System for Health Monitoring of Defence Stored Article	Dr Sandip S Deshmukh	Mechanical	Dr Alivelu Manga Parimi and Dr Parikshit ahatiya	EEE	DRDO CARS	1000000	24 Jan, 2022
3	Survivin mRNA antigen and CT-LA4inhibitor loaded lipid nanoparticles for lymph node targeted oral cancer immunotherapy	Dr Vamsi Krishna Venuganti	Pharmacy			DST SERB CRG	6338360	10 Jan, 2022
4	Physiological Importance of Pyruvate Homeostasis in the Intracellular Parasite Toxoplasma gondii	Prof Nishith Gupta	Biological Sciences			DST SERB CRG	5948888	12 Jan, 2022
5	Indigenization of core shell rubber modified EPOXY Resin	Dr Karthik Chetan	Chemical			ASL/DRDO CARS	1541000	01 Dec, 2021
6	Development of a Cost Effective Solar Energy based Drinking Water cum Cold Storage Facility for Coastal Communities in India	Prof Sandip S Deshmukh	Mechanical	Dr Santanu Prasad Gatta	Mechanical	DST SERB CRG	2556400	20 Jan, 2022
7	Seismic Resilience Enhancement of Ageing Highway Bridges using Optima Retrofit Measures	Dr Shivang Shekar	Civil	NA	NA	DST-SERB-SRG	1478400	24 Jan, 2022
8	FPGA Based Design and Implementation of Interfaces for OBC (On Board Computer)	Dr Chetan Kumar V	EEE	NA	NA	DHRUVA	743400	31 Jan, 2022
9	Development of the Ti6Al4V alloy structure using wire arc additive manufacturing process for aerospace application	Dr Ravi Shanker Vidyarthi	Mechanical	NA	NA	DST SERB -TARE - Teachers Associate-ship for Research Excellence	1830000	01 Feb, 2022

Sanctioned Projects (SRCD) During Jan-June 2022

10	Developmental Studies on Influence of Temperature on Carbon/Epoxy composite properties	Dr Pavan Kumar Penumakula	Mechanical	Prof Ramesh Adusumalli	Chemical	DRDO CARS	4578518	14 Feb, 2022
11	Mathematical modelling of oscillating water column wave energy converter devices under irregular and multidirectional incident waves	Dr Santanu Koley	Mathematics	NA	NA	DST SERB CRG	2187196	18 Feb, 2022
12	Astrophysical objects in modified theories of gravity: theoretical predictions and observational perspective	Dr Pradyumn Kumar Sahoo	Mathematics	NA	NA	NSRF - National Board for Higher Mathematics	1680900	14 Feb, 2022
13	DST FIST	Prof I Sreedhar	Chemical	NA	NA	DST FIST	13500000	02 Mar, 2022
14	Making Sodium the new Lithium: Stabilizing Oxygen Redox in High-Energy Sodium-Ion Batteries through Accelerating Materials Discovery	Dr Mudit Dixit	Chemistry	NA	NA	DST SERB Core	2490147	16 Dec, 2020
15	Modelling the performance of DET and MET based enzymatic glucose fuel cells	Dr Balaji Krishna Murthy	Chemical	Dr Vikranth Kumar Surasani	Chemical	DBT	2873870	11 Mar, 2022
16	Smartphone enables, Lab-free and Onsite Multiplexed Diagnostic Device for Health Management of Rural and Underprivileged Population	Prof Sanket Goel	EEE			DST TSCOST	400000	21 Mar, 2022
17	Evaluation of determinants of Iron Deficiency Anaemia among the SC/ST Non-Pregnant Women of Mancherial District of TS followed by Interventions and Analysis of its Reach & Efficacy	Prof A Sajeli Begum	Pharmacy	Dr Swati Aitok	Economics and Finance	TSCOST DST PRG	400000	21 Mar, 2022
18	Design, development and project management support for two AI-based dialogue systems (e.g voice-based chatbot) in Indian languages	Dr Diparjan Chakraborty	CSIS	NA	NA	OnionDev - GL2	896000	04 Dec, 2021

Sanctioned Projects (SRCD) During Jan-June 2022

19	Impediments to Women Entrepreneurship in India: a multi-stakeholder, multi-stage, multi-state perspective	Dr Swati Alok	Economics and Finance	Dr Sudatta Baherjee	Economics and Finance	ICSSR	4,93,000	23 Mar, 2022
20	Design and simulation of oligosaccharide wrapped super-paramagnetic iron oxide nanoparticles as promising theranostics?	Prof Durba Roy	Chemistry	NA	NA	SERB MATRICS	6,60,000	18 Feb, 2022
21	Design and development of circulators and isolators	Dr Harish V Dixit	EEE	NA	NA	M/s Andhra Electronics	7,08,000	22 Mar, 2022
22	Development of Theranostic Agents for Photodynamic/ Photothermal Treatment of Oral/Lung Cancer and Related Diseases	VC Prof Ramaiah, Prof Manab, Prof Amit and Prof Vamsi Krishna Venuguntl	Chemistry, Pharmacy	Director plan	NA	DST -PURSE	708,61,085	11 Mar, 2022
23	Development of Infrared Sensor for Security Applications	Dr Parikshit Sahatiya	EEE	NA	NA	Sri Karthikeya Security Services	1207800	07 Apr, 2022
24	Reduction of Coke Deposition for JP-7 (Vajrabega) Fuel	Prof Srikanth Dinda	Chemical	NA	NA	DRDL - DRDO	4045400	22 Apr, 2022
25	Determining design wind loads on typical structures exposed to tornado like flow	Dr Sabareesh Geetha Rajasekharan	Mechanical	NA	NA	TPU-JIRC (Wind energy)	830000	01 Apr, 2022
26	Dynamics of Operators on Weighted Spaces of Holomorphic Functions defined on Infinite Dimensional Spaces	Dr Deepika	Mathematics	NA	NA	DST SERB Power	2291696	08 Jun, 2022
27	Understanding Tribology of Automotive Brake Pad-Disc System	Dr Piyush Chandra Verma	Mechanical	NA	NA	SERB Internship (VRITKA)	150000	14 Jun, 2022
28	Development of Image processing method for casting industry	Dr Kundan Kumar Singh	Mechanical	Dr Brajesh Kumar Parigrahi	Mechanical	MPIA Pvt. Ltd.	213900	12 May, 2022
29	An Indigenous Air-Conditioning Facility for Hospitals during the COVID-19 Pandemic	Dr Santanu Prasad Datta	Mechanical	NA	NA	DSIR-PRISM	1000000	27 Jun, 2022

Distinguished Talks / Lectures

Guest Lecture by	Organization	Topic of the Talk	Department	Date
Prof P Yogeeswari	Dept. of Pharmacy, BITS-Pilani, Hyderabad campus	Founding a Startup- Principles and Steps	Biological Sciences	19 Apr, 2022
Prof A K Sarkar	Former Director, BITS-Pilani, Pilani Campus and currently Professor, IIT Jammu.	Interaction with Faculty, FD & HD Students & shared his valuable	Civil Engineering	12 Apr, 2022
Prof Arun K Somani	IOWA State University	Efficient Cycle Quorum Based Computation and Communication Management for All-Pairs Interactions	Electrical & Electronics Engineering	19 May, 2022
Dr Abhijeet Joshi	Chaitanya (Deemed to be University), Warangal, Telangana	A national conference on Current trends in Pharmacy and Pharmacy Practice	Pharmacy	1 Apr, 2022
Prof Ramakrishna Podila	Laboratory of Nano-biophysics, Department of Physics and Astronomy, Clemson University, USA	Stories from the Nano-bio lab at Clemson University	Physics	17 Mar, 2022
Prof Mayank Vahia	Former Professor, Tata Institute of Fundamental Research (TIFR), Mumbai	Science in Ancient India - An evaluation of the claims	Physics	19 Mar, 2022
Dr Nandini Bhandaru	IIT Indore	Science and Technology of Spin Coating. Short term course (QIP) on Synthesis and Characterization of Thin Films	Physics	10 Mar 2022

Student Events

Techweek

This year's Techweek was organized enthusiastically by various clubs and associations. Spanning seven days, Techweek started on Saturday, January 29. The entire week was packed with events, with some days having as many as ten events.

The events in tech week can be divided into competitive events, like quizzes and competitions, and learning events, like workshops and talks. The most popular learning events in this year's tech week were the OpenCV workshop by the CSA, PhoEnix, and ARC, CRuX's introduction to development and introduction to competitive coding workshops, the talk by Prof Sanjit Mitra, and the star-gazing session which Ad Astra hosted.

Competitive events were met with enthusiasm and had prize money. Most of the competitive events were either quizzes, coding competitions or treasure hunts.

Orbe Novo

After two years of gloom, the deserted campus of BITS Pilani, Hyderabad, was once again ready to welcome its students. And slowly, as the students of different batches arrived, it was decided that the fests which were not been conducted for the past two years would return. There was, however, a change with the cultural fest Pearl and the tech fest Atmos merged into a single 5-day event, named Orbenovo – 2022, which was organized from 30th March to 3rd April.



The fest started with the usual formal inauguration and then was followed by the informal inauguration, which was filled with incredible performances by the various

clubs. On the first two days of the fest, tech clubs and associates organized events. This was followed by three days of cultural events by the cultural senate. The nights were highlighted by the comedy shows on the first day, where comedians like Biswa Kalyan Rath and Nishant Suri tickled the funny bones of the audience, the second night, just as engaging with the presence of Tollywood star Vishwak Sen. The Bollywood night took place on the third day where the audience grooved on the performances of Vivek Singh and Arman Malik followed by a DJ night on the 4th day with performances by AERREO and Danny Avilla. Last but not least, the last night which was rocked by the performances of Pineapple Express and Sanam. Besides these, the campus was graced by eminent personalities like Mrs. Kiran Bedi, Mrs. Medha Patkar, and many more, sharing their knowledge and experience with students.



Overall, the fest this year was a magnanimous and delightful event. It was entertaining, refreshing, and educative and pumped us all up with high energy to resume our everyday lives.

RIXA'22

The Inter-Bhawan sports tournament, RIXA'22 was organized from 21st to 27th March 2022. Tournaments for many sports like football, cricket, badminton, basketball, etc., were conducted. After two years of covid and online classes, students were excited to finally have competitions happening again on campus. There was high level of participation and students who were not participating turned out in huge numbers as the audience to cheer on their peers.

Batchsnaps

Batchsnaps is a yearly tradition in BITS for those students who are at the end of their junior year in college. After 2 whole years, batchsnaps took place once again for the 2019 batch. Spread across the rocks you'd see girls looking gorgeous in beautiful sarees and the guys looking just as good in tuxedos and suits. Students of all the batches and even professors got together to capture what could be one of the last times all the students of the 2019 batch got together. PHOTOG and DOPY club exhausted themselves trying to capture the perfect shot for everyone including the juniors. Batchsnaps are memories to be cherished forever. Memories not only with peers but also with fellow juniors who keenly show up to make this day even more special. It is the one last time clubs get together to get one last picture with the third-year batch and also the one last time the 3rd years click a photo with their respective branch peers and professors.

Farewell

As the semester neared its end and the comp're frenzy began for all batches, the last few weeks of the month had different importance for the 2018 batch. Though the final few weeks on campus kept the students occupied with batchsnaps, after parties, and endless goodbyes, the farewell ceremony marked the end of their time in the college.

The farewell ceremony was garnered with various arrangements like food, music, etc. The outgoing batch had some beautiful and funny stories to tell their juniors as they reminisced their college years and the friends and bonds they made. Although the 2018 batch lost out on a lot of campus life owing to the COVID-19 pandemic, they had endless good memories to recount. The batch also got to hear words of wisdom from a few professors as they wished the students luck in leading a remarkable life beyond the college campus.

Embryo Talks

BITS Embryo has hosted awe-inspiring speakers from a diverse range of fields: from authors and political connoisseurs across the spectrum to actors, content creators, and founders/CEOs. For the fest OrbeNovo, Embryo most prominently hosted Kiran Bedi and hosted promotional events for TVF's Gullak and Ashoka Vanamlo

Arjuna Kalyanam which accompanied an exclusive song release. Embryo has successfully collaborated with other clubs and societies of the campus in bringing guests such as Warina Hussain and Vishwak Sen. Embryo has also hosted sessions on getting into Harvard and cracking exams like CAT and UPSC to give potential aspirants from the generally body a better insight into these fields.

TEDx Event

On the 18th of April, TEDx BITS Hyderabad organized their annual event with an extensive array of speakers, including chef - Joseph Lidgerwood, fashion designer - Vaishali Shadungule, MOOTUP CEO - Danny Stefanic, time crystals researcher - Dr. Achilles Lazarides and parkour artist - Deepak Mall. The insightful talks were joined by beautiful performances by multilingual singer, Suchetha Satish and the voice and chords behind Chaand Baaliyan, Aditya Agarwal. The online event was followed by an offline TED Talk on the 3rd of April by renowned movie actress, Warina Hussain. In her talk, she discussed the struggles faced by newcomers in the cutthroat industry and the gratifying rewards of a movie well-made and well-accepted. Her talk was followed by an interactive QnA session, within which she discussed her novel projects, movies and music videos.

Holi

Holi might be the festival of colors, but at BPHC, it's celebrated with muddy water and torn shirts. After two long years of rampant covid putting a stop to all festivities, on March 18th, 2022, the Sangam Regional Association along with LSD put together a splendid event complete with refreshments and music. With midsems finally wrapped up, Holi provided the perfect way to unwind, with every student desperately eager to drown in colors, chaos, and cheers, surrounded by friends who've become family.



Cultural Night

On the eve of the 3rd of July, right after the end of the tiresome mid-semester examination of the new timetable students, a cultural night was organized. It was not short of a mini-fest. Students on campus got ready to enjoy their evening starting from the shwarma food truck, followed by a photo booth organized by Shades and Fashion club together, and Minute to Win it by DoRA. After this students got together to enjoy lovely performances by various clubs beginning with Hindi Tarang, who mesmerized everyone with their heartwarming poetry. They were followed by

Swaranjali, entertaining all with eye-grabbing classical dance performances. To lighten the mood and bring a laugh to people's faces, the Comedy Club brought energy to the crowd, taking people aback with their jokes. The last performance was by Cypher, who set the stage ablaze with their performances. The cherry on the top of this night was the Dj set up by AMP, where everyone released their stress and danced like there was no tomorrow.

All in all, the night was one of great performances and entertainment and cherishable memories.



Community Welfare Activities

Republic Day Celebrations

The 73rd Republic day was celebrated on 26th January, 2022 in BITS-Pilani, Hyderabad Campus. Prof N Rajesh, Professor, Department of Chemistry hoisted the National Flag. Students and professors got together to commemorate this day by hoisting a flag while following strict COVID protocols due to the rampant 3rd wave of COVID spread across the country and students being in quarantine for precautionary measures.



NSS - Thumkunta School Visit

On Jan 14th, student volunteers from NSS BPHC visited a government school in Thumkunta. The student volunteers interacted with the students there to learn about their future academic plans and share their insight for their upcoming semester studies. They also organised a tutorial for the students followed by a Q & A session for the students.



NIRMAAN - Project Parishkar

Project Parishkar is a year-long event conducted for the kids of the non-teaching staff residing on the BITS campus. It involves tutoring sessions taken by the volunteers of NIRMAAN regularly to help with academics of the kids. This year they had 50 volunteers who with dedication taught over 25 kids. Although most of these sessions were in online mode, a few sessions for conducted in the classrooms of acad block this semester as the COVID wave slowly dispersed.



Rotaract - Self-Defense Training Session

The Rotaract club of BPHC collaborated with the Joy of sharing Society to conduct a session on "Self Defense Awareness", a virtual self-defense webinar where people were taught effective self-defense techniques. The session had over 70 attendees and over 120 registrations.

Activities Conducted by Animal Welfare Committee

Animal Management Committee (AMC) has been active in neutering vaccination and adoption of community dogs on campus. The committee has neutered and vaccinated ten dogs and pups. With the help of Telangana Pet Adoption,

three puppies were adopted. These drives took a lot of effort from AMC members and community and student volunteers. We went to different adoption drives around the city every Sunday for a period of over three months. We were also successful in getting three kittens adopted. The committee has also been involved in treating sick dogs. We have taken two dogs for treatment to the vet for minor injuries, and three dogs were treated for Venereal Tumor (a kind of cancer), which involved boarding and multiple chemotherapy sessions. We have a dedicated person deployed to feed the community dogs, using leftover food from the mess and cafe, which prevents territorial conflicts. The administration has supported these ventures financially and provided logistical support. In addition, money has been contributed by AMC members and donors. For the cancer treatments a donation drive was conducted and generous donors came forward to help treat the dogs.



International Women's Day

International women's Day was celebrated on 8th March, 2022 at BITS-Pilani, Hyderabad Campus. Number of faculty and staff members shared some of the memorable insights about their journey. The dress color code for the event was, SHADES OF SEA GREEN

Training Programme to Divyang Warriors on I.T. Skills

BITS Pilani Hyderabad campus has played a pivotal role in imparting IT Skills to the Central Reserve Police Force (CRPF) Divyang Warriors. Twenty-four CRPF Divyangs from various parts of the country, who sustained grievous injuries during the combat operations, participated in this program. Fourth training program was organized between 29th March 2022 - 19th May 2022 at National Center for Divyang Empowerment CRPF. The program's objective was to provide requisite IT skills for their further employment.



Social Outreach Programme : Launching of Computer Laboratory

Social Outreach Programme : Launching of Computer Laboratory at Mandal Praja Parishad Primary School, Yapral, Alwal Mandal, Medchal-Malkajgiri District.

BITS-Pilani, Hyderabad Campus, this time, has reached out to a nearby Government School to set up a computer laboratory under its social outreach programme. To encourage technical and skilled education in the emerging and challenging society, the institute has donated 07 computers and 01 Overhead projector to the school.

The school is a government school where 418 students study at the primary school level under the mentorship of 7 teachers. The fully equipped computer lab was inaugurated by Prof G Sundar, Director, BITS-Pilani, Hyderabad Campus on 25th June, 2022.



Student Artworks



Esha Shelkar



Jovial Deka



Laasya Cheemalamanni



Chindilla Desgupta



YSN Kiran



Siddhant Shrotriya



Yashvardhan Choubey



Pranjal Chaturvedi

Introducing New Faculty (Jan-June 2022)

The new faculty members who have joined between 1 Jan-June 2022:

PSRN	Name of the Faculty	Designation	Department	Date of joining
H0823	Sameera Muhamed Salam	Assistant Professor, Gr-I	Computer Sci & Information Sys	05-Jan-22
H0824	Mudit Dixit	Assistant Professor, Gr-I	Chemistry	06-Jan-22
H0825	Mahipal Reddy Benjaram	Sr Professor Emeritus	Chemistry	10-Jan-22
H0826	Pragati Shrivastava	Assistant Professor, Gr-I	Computer Sci & Information Sys	21-Jan-22
H0827	Anitra Mukherjee	Assistant Professor, Gr-I	Computer Sci & Information Sys	01-Feb-22
H0828	Sayan Das	Assistant Professor, Gr-I	Mechanical Engineering	01-Feb-22
H0831	Abhijit Das	Assistant Professor, Gr-I	Computer Sci & Information Sys	18-Feb-22
H0833	Supratim Ghosh	Assistant Professor, Gr-I	Biological Sciences	01-Mar-22
H0836	Satya Narayan Guin	Assistant Professor, Gr-I	Chemistry	15-Mar-22
H0838	Jayabrata Dhar	Assistant Professor, Gr-I	Mechanical Engineering	31-Mar-22
H0843	Punnag Chatterjee	Assistant Professor, Gr-I	Mechanical Engineering	20-May-22
H0846	Aneesh Srivaliabh Chivukula	Assistant Professor, Gr-I	Computer Sci & Information Sys	23-Jun-22

* Transferred from Pilani Campus

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Telangana Today with BITS Pilani

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The first issue of Telangana Today with BITS Pilani is a quarterly magazine of technology, science, and innovation. It is a platform for BITS Pilani to showcase its research and development work to the public. The magazine is available for free download from the BITS Pilani website.

First magazine developed using technology-related information for public access

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Technology to help in experiential technical education

BITS Pilani is using technology to help in experiential technical education.



Students and faculty members participating in a technology-related activity.

BITS Pilani is using technology to help in experiential technical education. The institute is investing in state-of-the-art equipment and software to provide students with hands-on experience in their respective fields. This approach is designed to bridge the gap between theoretical knowledge and practical application, preparing students for the challenges of the modern workforce.

తల్లితో తెలంగాణ ప్రభుత్వ ఉత్పాదకం



The Telangana government is focusing on supporting the textile industry. It has launched various initiatives to promote the production and export of textile goods. The government aims to create more employment opportunities in the sector and boost the state's economy. These efforts include providing financial incentives, improving infrastructure, and facilitating trade links with international markets.

నవవస్త్ర తెలంగాణ

పరిశోధనలో విద్యార్థుల బంధువు ప్రభుత్వం

The government is supporting research in the textile industry. It is providing financial assistance to students and researchers working on innovative projects related to textile technology. This support is aimed at fostering innovation and developing new products that can enhance the competitiveness of the Indian textile industry in the global market.

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నవవస్త్ర తెలంగాణ



Government officials and researchers discussing textile industry initiatives.

అందరికీ.. ఆరోగ్య ప్రాప్తి

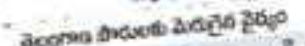
The government is ensuring that everyone has access to healthcare. It has launched various programs to improve the quality of medical services and make them more affordable. These programs include providing free or low-cost consultations, medicines, and diagnostic tests. The government is also investing in the training of healthcare professionals and upgrading medical infrastructure to ensure that citizens receive the best possible care.

Surge in BITS-Pilani placements amid pandemic gloom

BITS Pilani is experiencing a surge in placements. Despite the challenges posed by the COVID-19 pandemic, the institute's graduates are in high demand by leading companies. This is a testament to the quality of education and training provided by BITS Pilani, which has equipped its students with the skills and knowledge needed to succeed in the professional world.

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తెలంగాణ పాఠశాలల పెరిచేసిన ప్రభుత్వం



The government is expanding the network of schools in Telangana. It is building new schools and upgrading existing ones to provide quality education to all children. This initiative is part of the government's commitment to ensuring that every child has access to a good education, which is essential for their growth and development. The government is also focusing on improving the infrastructure of schools, including providing clean drinking water, electricity, and internet access.

తెలంగాణ పాఠశాలలందరికీ ఆరోగ్య ప్రాప్తి

- పాఠశాలలలో ఆరోగ్య కేంద్రాలు
- పాఠశాలలలో ఆరోగ్య కేంద్రాలు
- పాఠశాలలలో ఆరోగ్య కేంద్రాలు



Children in a classroom setting, possibly receiving health education.

The government is ensuring that everyone has access to healthcare. It has launched various programs to improve the quality of medical services and make them more affordable. These programs include providing free or low-cost consultations, medicines, and diagnostic tests. The government is also investing in the training of healthcare professionals and upgrading medical infrastructure to ensure that citizens receive the best possible care.



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