

BIT Achievements – 2025

- Mohammed Avez (2nd Year CSE) secured 2nd place in High Jump at the VTU State Level Athletics Meet 2023-24, held at VTU Regional Center, Mysore, from 26-29 June 2024. He also secured 2nd place in High Jump at the VTU State Level Athletics Meet 2024-25, held at Jawaharlal Nehru New College of Engineering, Shivamogga, from 15-18 March 2025.
- The BIT Basketball Team secured 3rd place in the VTU Mangalore Division Basketball Tournament, held at St. Joseph Engineering College, Vamanjur, Mangalore, on 15 October 2024.
- The BIT Football Team secured 2nd place in the VTU Mangalore Division Football Tournament, held at P.A. College of Engineering, Mangalore, on 2-3 April 2025.
- Wasil Kasim (3rd Year AI & DS) secured 2nd place in the 105 kg category at the VTU State Level Powerlifting Championship, held at New Horizon College of Engineering, Bangalore, on 10-11 July 2024.
- Wasil Kasim (3rd Year AI & DS) secured 2nd place in the 109 kg category, and Sheikh Ahamad Amaan (4th Year Mechanical) secured 2nd place in the 74 kg category at the VTU State Level Weightlifting & Best Physique Championship, held at Alva's Institute of Technology, Mudabidri, on 16 November 2024.
- Asiya Afreeza (6th Semester, AI & DS) secured 3rd place in the 2025 Regional Finals of TCS TechBytes, an inter-college IT quiz organized by TCS and BITES, Government of Karnataka.
- The Department of AI & DS won the Overall Championship in UTSAV 2025.
- The project titled "Study on Architectural Irregularities in Earthquake Resistant Buildings Using STAAD Pro and Recommending Suitable Solutions" was awarded funding under the KSCST Student Project Sponsorship Scheme. The project was carried out by B.E. Civil Engineering students under the guidance of Dr. Purushothama C. T. Students involved in the project are Abdul Rahman, Zulfigar Ali M. H., Bheema Bai, Junaid K. K., and Shabana Rajesab vatarad.

- Dr. Nubila Jaleel was recognized as a VTU Research Supervisor under the Department of Computer Science and Engineering.
- Dr. Mehaboob Mujawar received recognition as a VTU Research Supervisor under the Department of Electronics and Communications Engineering.
- Dr. Abdullah Gubbi received a Certificate of Registration for a UK Design for the patent "Smart Power Bank for Electrical Vehicle" in July 2025.
- At the National Conference held at HKBK, Bangalore, Dr. Abdullah Gubbi received the Best Paper Award for the paper titled "Leveraging AI for Predictive Analytics in Healthcare: A Systematic Review and Framework for Improved Patient Outcomes."
- Dr. Shaikh Ameer Basha received a Certificate of Registration for an Indian Design for the patent "Optimized Resource Allocation Device Using Mathematical Modeling." The grant date was 17 October 2024.
- Dr. Pooja K received a Certificate of Registration for an Indian Design for the patent "Composition and Method for Enhancing Structural Stability of Masonry Construction". The grant date was 31 July 2025.
- Ar. Suhan Kumar of BEADS achieved recognition as an IGBC Accredited Professional in August 2025.
- Dr. Altamashuddin Khan published the book "Machine Learning Applications in Concrete Strength Prediction" with LAP Lambert Academic Publishing in 2024.
- He also published the book "Smart Solutions for Civil Engineering Using Machine Learning" with Notion Press in 2024.
- Dr. Altamashuddin Khan (civil Engineering) and Dr. Abdullah Gubbi (ECE) coauthored the paper "Machine Learning Models for Predicting the Compressive Strength of Concrete with Shredded PET Bottles and M-Sand as Fine Aggregate" in the IIUM Engineering Journal (International Journal) in 2025.
- Dr. Purushothama C. T. presented a paper at the Fifth International Conference ERCAM 2024, held at Nitte Meenakshi Institute of Technology, Bangalore, on 12-13 December 2024. He also presented a paper as an invited speaker at the International Conference

DRISHTI-2024, held at Vivekananda College of Engineering & Technology, Puttur, on 11 September 2024.

- Prof. Zaheer Ahmed presented a paper at the International Conference on Architecture, Materials and Construction (ICAMAC-24), held in Bangkok, Thailand, on 1415 October 2024.
- He also presented a paper at the International Conference on Emerging Trends in Engineering, Science and Technology ICEST-2024), held in Bangkok, Thailand, on 1617 October 2024.
- Dr. Nubila Jaleel published a research paper titled "Randomized CNN Based Deep Learning Technique for Cyber-Attacks Detection in SCADA Industrial Control Systems" in Measurement (2025), an Elsevier Q1 journal.
- Akshatha S. A. published the paper "Detection of Fake and Real Messages Using Machine Learning Techniques" in the International Research Journal of Engineering and Technology.
- Dr. Sandeep Nambiar S. published the book "Crack it with Strength of Materials: A Student's Guide to Concept Mastery and High Scores" with Amazon Publication.
- Dr. Mehaboob Mujawar published the research paper "Optimizing Connectivity: A Novel AI Approach to Assess Transmission Levels in Optical Networks" in the Journal of Supercomputing (Springer, Volume 80, Issue 16, Impact Factor: 2.5, Q2 journal) on. 28th August 2024, pages 26568-26588.
- He presented the paper "AI in Finance: Risk Management and Fraud Detection Using Sentimental Analysis" at ARTELLIGENCE 2025, International Conference on Artificial Intelligence organized by P.A. College of Engineering, Mangaluru, held on 7-8 May 2025.
- He also presented Network Intrusion Machine Learning" at the Ninth International Conference on Information and Communication Technology for Intelligent Systems (ICTIS 2025), organized by the Global Knowledge Research Foundation and G. R. Scholastic LLP, held in Bang-kok, Thailand, on 4-6 April 2025.

- He presented the paper "Enhanced Network Intrusion Detection Using Machine Learning: A Comparative Analysis of Classification Algorithms and Performance Metrics" at the International Conference on Modern Practices and Trends in Expert Applications and Security (MP-TEAS 2024), organized by IES University, Bhopal, on 22-23 November 2024.
- Additionally, he presented the paper "Host-Based Intrusion Detection System" at the National Symposium on IoT and Cloud Computing, organized by Haldia Institute of Technology, West Bengal, on 9-10 January 2025.
- Dr. Abdullah Gubbi presented the paper "Enhanced EEGNet Optimization Using Lightweight Deep Neural Network for Detecting Human Stress Levels from Raw EEG Signals Dataset" at the 3rd International Conference Integrated Circuits and Communication Systems (ICICACS 2025), IEEE, pages 1-6.
- He also presented the paper "Leveraging EEG and Signal-to-Noise Ratio Augmentation for Advanced Stress Detection" at the 4th International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE 2025), held in Ballari, India.
- Prof. Nikhitha C. and Mr. Mohammed Junaid Raza presented the research paper "Nanotechnology: Exploring the Frontiers and Its Applications" at the International Conference Drishti 2025.
- Prof. Ubaidulla co-authored the research paper "A Comprehensive and Pedagogical Treatment of the Origin, Selection, and Manifestations of Proximal Coupling in Magnetic Circuits" with Jora M.Gonda and I. R. Rao, published in the IEEJ Transactions on Electrical and Electronics Engineering, Japan, in February 2025.
- Ar. Najid SVP co-authored the research paper "Building for Tomorrow: Climate Resilient infrastructure Strategies for Urban Sustainability", published by Springer in August 2025.
- He also co-authored the research article "Framework for the Optimization of Construction Project", published in the African Journal of Biomedical Research in November 2024, pages 4658-4669.

- Ar. Adithya Santhosh co-authored the research paper "Framework for the Optimization of Construction Project", published in the African Journal of Biomedical Research in November 2024, pages 4658-4669. He also successfully completed the IGBC Green Building Professional Training Progra