



|| Jai Sri Gurudev ||

Faculty of Engineering & Technology
BGSIT

NEWSLETTER



112 HR DRIVE & VIBE CODING HACKATHON 2026

With the divine blessings of Paramapoojya Jagadguru Padma Bhushana Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji and the gracious guidance of His Holiness Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji, Honourable Chancellor of Adichunchanagiri University, the 112 HR DRIVE & VIBE CODING HACKATHON 2026 was successfully conducted on 4 August 2026 at Adichunchanagiri University. The flagship hackathon organized in association with the International Institute of Medical Science and Technology Council (IIMSTC) and Institution's Innovation Council (IIC) Adichunchanagiri University, with the objective of promoting innovation, entrepreneurship, artificial intelligence, software development, and industry-oriented problem-solving skills among students.





*“Live like a Butterfly...
take the best without destroying or hurting
anybody but giving pleasure to everyone”*

**Paramapoojya Jagadguru Padmabhushana Puraskrutha
Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji
71st Pontiff, Sri Adichunchanagiri Mahasamsthana Math**



*“There may be limitations in everything
around us, but not in serving the Society”*

**His Holiness Jagadguru
Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji
72 Pontiff, Sri Adichunchanagiri Mahasamsthana Math
President, Sri Adichunchanagiri Shikshana Trust®
Honorable Chancellor, Adichunchanagiri University**

Editorial Board

Chief Editor

Dr. B N Shobha
Dean & Principal, BGSIT

Editor

Mr. Raghavendra M
Asst. Prof, Dept of MBA

Staff Co-Ordinators

Bindu K N
Asst. Prof, Dept Of AI& ML

Student Co-Ordinators

Keshav N Gowda, Dept of AI & ML
Sarika, Dept of MBA
Tejas U, Dept of ECE

i12 HR DRIVE & VIBE CODING HACKATHON 2026

With the divine blessings of Paramapoojya Jagadguru Padma Bhushana Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji and the gracious guidance of His Holiness Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji, Honourable Chancellor of Adichunchanagiri University, the i 12 HR DRIVE & VIBE CODING HACKATHON 2026 was successfully conducted on 4 August 2026 at Adichunchanagiri University. The flagship hackathon organized in association with the International Institute of Medical Science and Technology Council (IIMSTC) and Institution's Innovation Council (IIC) Adichunchanagiri University, with the objective of promoting innovation, entrepreneurship, artificial intelligence, software development, and industry-oriented problem-solving skills among students.

The inaugural session presided by Dr. S. N. Sridhara, Hon'ble Vice-Chancellor, the programme was graced by Dr. C. K. Subbaraya, Registrar, Dr. B. N. Shobha, Dean and Principal, Faculty of Engineering and Technology. The event coordinated by Dr. Girish K. B., Director, Institution's Innovation Council (IIC), Dr. Manjunath S. H., Head, Department of Mechanical Engineering, Heads of various departments, faculty members, and more than 400 students. The eminent speakers are Dr. Sreedhar Saraswathy, MS, PhD (Edinburgh University, Scotland), Neuroscientist. Dr. Sanju Thomas Abraham MS, MBA, Queen Mary, University of London (UK) Former Managing Director Tamil Nadu Apex Skill Development Centre for Healthcare consulate General (External Affairs) International Institute of Medical Science & Technology Council, Bangalore. Mr. Juno Yu, Case Western Reserve University, USA Founder and CEO of Callus Company, South Korea. Minsung Hyun, Founder and CEO of Synapse Inc, New York, USA Mr. Ajay Nair MBA (Purdue University in the USA), Manager, KSVDC, Government of Karnataka, Government of Kerala, and Heads of Departments, faculty members.

Dr. S. N. Sridhara, vice chancellor Adichunchanagiri university emphasized that hackathons provide an excellent platform for students to enhance their creativity, teamwork, critical thinking, and ability to develop technological solutions to real-world challenges. He encouraged students to transform their innovative ideas into successful startups and make the best use of the opportunities available through innovation and entrepreneurship.

The programme featured expert sessions by distinguished international speaker. Dr. Sanju Thomas delivered an insightful talk on international education, selecting suitable universities for higher studies, scholarship opportunities, and global career prospects.

Dr. Sreedhar Saraswathy delivered an informative session on, innovative projects importance and its key concepts, practical applications, and future potential. The presentation emphasized the importance of adopting innovative technologies and research-driven approaches to address real-world challenges.

Mr. Juno Yu, CEO of Callus Company, shared his admiration for India's remarkable technological progress and its rapidly evolving innovation ecosystem. He explained how AI has transformed software development from traditional processes involving product requirement analysis, planning, design, and coding to AI-assisted development, where developers can generate code using AI agents, review the results, and iteratively refine them.

Minsung Hyun, Founder and CEO of Synapse Inc., New York, USA, delivered an insightful session on Synapse, an open research platform that enables anyone to publish, discover, and collaborate on research without the limitations of the traditional publishing process. He explained that users can create an account, explore their research fields, follow topics of interest, quickly skim research papers, and publish their work, making research more accessible and community-driven.



Space & Tech Workshop

BGS Institute of Technology (BGSIT), B.G. Nagara, conducted a workshop on "Space & Technology" at the BGSIT Seminar Hall, organised by the BGSIT Space and Astronomy Club, under the guidance of Dr. B N Shobha, Principal, BGSIT.

The programme was Co-ordinated by Mrs. Bharathi, Assistant Professor, Department of Electronics & Communication.

The session was delivered by Mr. Shreehari H S, M.S., Bremen University of Applied Sciences, Germany, an expert in space technology and satellite payload systems and he explained the fundamentals of satellite payload development in a simple and engaging manner.

He walked participants through the complete lifecycle of a space payload – from prototype design to the Flight Model – covering core payload architecture (battery, PCB, microcontroller, sensors), signal processing (analog-to-digital and digital-to-analog conversion), power systems (variable-to-fixed voltage step-down conversion) and communication protocols (SPI, UART, I2C). He detailed the qualification and testing pipeline including bench testing, EMI/EMC testing, vibration thermovac and mechanical/electrical integration checks.

He also shared insights from his team's real PSLV POEM-4 mission, explaining what POEM is, the PSLV 4th stage, the IN-SPACe application process, and the review and acceptance procedure – illustrated with technical difficulties the team faced, including software malfunctions and hardware compatibility issues that required continuous troubleshooting and iteration.



Ph.D. Viva-Voce



With the divine blessings of Poojya Maha Swamiji, we are pleased to announce that Mr. Nandeesh M (19PEC003) Research Scholar, Department of Electronics and Communication Engineering, has successfully defended his Ph.D. Viva-Voce Examination today.

His research work was carried out under the esteemed supervision of Dr. Naveen B, Professor, Department of ECE, BGSIT. The Viva-Voce was evaluated by Dr. Prabhu K, Associate Professor, Nitk Suratkal, who served as the External Examiner.

Ph.D. Viva-Voce



The Department of Electronics and Communication Engineering successfully conducted the Ph.D. Open Defence & Viva Voce Examination of Mrs. Shalini M G, Research Scholar, on 04 August 2026 at 11:30 AM in the Civil Seminar Hall.

The Open Defence & Viva Voce Examination was evaluated by the External Examiner, Dr. Rudraswamy S B, Professor and Commonwealth Fellow (United Kingdom), Ph.D. (IISc), Post Doctoral Fellow (The University of Manchester, UK), and Visiting Professor, New Jersey Institute of Technology (NJIT), New Jersey, USA.

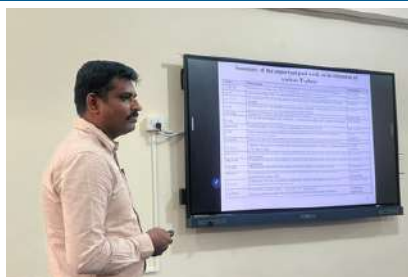
Ph.D. Viva-Voce



With the divine blessings of Poojya Maha Swamiji, we are pleased to announce that Mr. Prashanth N (20PME002) Research Scholar, Department of Mechanical Engineering, has successfully defended his Ph.D. Viva-Voce Examination today.

His research work entitled “Studies on Tribological and Damage Behaviour of Polymer Composites” was carried out under the esteemed supervision of Dr. Ranganatha Swamy L., Associate Professor, Department of ME, BGSIT and Dr. Hemaraju, Associate Professor, Department of ME, BGSIT.

Ph.D. Viva-Voce



Ph.D. Open Defence & Viva Voce Examination Successfully Conducted The Department of Mechanical Engineering successfully conducted the Ph.D. Open Defence and Viva Voce Examination of Mr. Parameshwara S., Research Scholar, on 08 August 2026 at 11:30 AM at the Media Centre, Mechanical Engineering Block.

Mr. Parameshwara S. successfully defended his doctoral research work entitled “Synthesis and Mechanical Characterization of Bulk Nanostructured Ternary Titanium Alloy” The research work was carried out under the able guidance of Dr. Girisha K. B., Professor and Director-IIC, Department of Mechanical Engineering.

1M1B Green Skills and Applied AI for Climate Action – Orientation Programme

BGS Institute of Technology, Adichunchanagiri University, successfully organized an orientation programme on “1M1B Green Skills and Applied AI for Climate Action” on 20 August 2026 at 10:00 a.m. at Yuvalaya, Adichunchanagiri University.

The programme witnessed the enthusiastic participation of more than 500+ final-year engineering students from the departments of Electronics and Communication Engineering, Computer Science and Engineering, Mechanical Engineering, Information Science and Engineering, Civil Engineering, and Artificial Intelligence and Machine Learning. The orientation focused on creating awareness about the role of green skills, applied artificial intelligence, sustainability, innovation, and climate action in addressing contemporary environmental challenges. The sessions also highlighted the importance of future-ready skills, employability, industry-oriented competencies, and technology-driven solutions for sustainable development.

Resource Persons

- ♦ Ms. Sneha – Senior Executive Manager, 1M1B
- ♦ Ms. Shabeena – AI and Innovation Management Trainer, 1M1B

Assessment and Internship Opportunity

A significant highlight of the programme was the assessment conducted by 1M1B for the participating students. Students who successfully qualify in the assessment will have the opportunity to undertake a three-month internship in areas related to artificial intelligence, sustainability, climate action, green skills, and innovation. This initiative will provide students with valuable practical exposure, strengthen their industry readiness, and help transform their academic learning into meaningful real-world experience.



SMART INDIA HACKATHON-2026(SIH)



The Department of Computer Science & Engineering organised an impactful Internal Hackathon for Smart India Hackathon (SIH-2026) on 28th August 2026 from 8:30 AM to 5:00 PM in the department labs. The inaugural function began at 9:00 AM with an address by Dr. Manjunath S H, Vice Principal, followed by motivational insights from industry experts and judges Mr. Punith Gowda V, Senior Developer at NTT Data, Mr. Sathish V, Software Engineer at Circana, and Mr. Naveen K M, SIH-2022 Winner and Software Developer. Dr. Siddhartha B K, Professor and Head of ISE and AI/ML, addressed the gathering, while Dr. Manu Y M, Head of CSE, led the organization of the event. A total of 59 teams comprising *350 students participated enthusiastically, working on problem statements sourced from the official SIH portal. The valedictory function was presided over by

Dr. Shobha B N, Dean and Principal, who felicitated the judges and awarded prizes to the winners. The event was coordinated by Dr. Sahana D Gowda and Mr Santhosh B J, Assistant Professor.

Key Highlightes

🏆 Winners

🥇 **First Place** – Team Zenith 1 (ECE) : Akash A P, Chinmayi, Dikshitha M, Megana, Yogesh B D, and Tejaswanth D K received the Golden Trophy 🏆 ✨, symbolizing their outstanding innovation and teamwork.

🥈 **Runners-up** – Team Gladiators (CSE): Yashwanth R A, Gowtham Gowda A, Vikas N, Shubha M S, Thriveni R S, and Sindhu D S were awarded the Silver Trophy 🏆 ⚡, recognising their strong technical skills and collaborative spirit.

🥉 **Second Runners-up** – Team Routex (ISE): Treeshashree H P, Madesh, Chethan, Pavan, Sneha, and Nischitha B R proudly lifted the Bronze Trophy 🏆 🌟, celebrating their creative problem-solving and coding excellence.



“Excellence in Research Award – 2026”

Dr. Manu Y M, Associate Professor and HoD, Department of Computer Science and Engineering, received the “Excellence in Research Award – 2026” from Adichunchanagiri University instituted by Smt. Indira Nair, Hon’ble Member of the Academic Council, in memory of her late husband Sri Jayprakash Nair, During ACU Convocation during 6th Convocation held on 13.08.2026.

Ph.D. Viva-Voce



The Department of Mechanical Engineering successfully conducted the Ph.D. Viva-Voce on 08/08/2026 at the Media Centre, Mechanical Engineering Block.

Mr. Shambulinga Murthy G. C. successfully defended his doctoral research work entitled "Mechanical Characterization of Reinforced Chromium Oxide." The research work was carried out under the able guidance of Dr. Girish A. I. K. Department of Mechanical Engineering.

Alumni Talk on Industry Guidance

The Department of Computer Science and Engineering, BGS Institute of Technology, organized an "Alumni Talk on Industry Guidance" on 24th August 2026 from 11:15 AM to 12:30 PM at the CSE Seminar Hall. The session was delivered by Mr. Mohammed Azar, Backend Developer and Content Creator, Exskilence, Bangalore. The programme aimed to provide students with valuable industry insights, career guidance, and awareness of software industry skills and expectations.



The programme was organized by Mr. Sunad Kumar A N, Assistant Professor, and Mr. Anil Kumar K T, Research Scholar, Department of CSE, with the support and coordination of Dr. Manu Y M, Professor & Head, Department of CSE, and the encouragement of Dr. B. N. Shobha, Dean & Principal.

Industrial Visit – Ajith Mechno Bricks and Interlock Pavers

Ajith Mechno Bricks is an industrial unit located at Kunigal involved in the manufacturing of construction materials such as bricks and interlock pavers. The industry provides practical exposure to the selection and handling of raw materials, batching and mixing, moulding, compaction, curing, finishing, quality control, and storage of manufactured products. The visit helped the students understand the practical aspects of construction material production and their applications in civil engineering works.

An industrial visit was organized for the 2nd, 3rd and 4th year students of the Department of Civil Engineering to Ajith Mechno Bricks, Interlock Pavers, Kunigal, on 28.08.2026 from 10:00 AM to 2:00 PM. The main objective of the visit was to provide students with practical exposure to the manufacturing processes of bricks and interlock pavers and to familiarize them with quality control, testing, handling, curing, and applications of these construction materials.





Kalaa Utsava 2026 – Sri Lanka

Kalaa Utsava 2026, organized by the Kalaa Rasika Foundation, was an international Indian classical dance festival conducted as part of the Sri Lankan and Indian Heritage Week from 31 July to 3 August 2026. The festival was hosted across renowned temples and heritage venues in Sri Lanka, bringing together eminent classical dancers, cultural ambassadors, scholars, and art enthusiasts from different countries. The event celebrated the shared cultural and spiritual heritage of India and Sri Lanka through classical dance, music, and cultural exchange.

Mrs. Lathashree B, Cultural Coordinator of BGSIT, I had the honor of representing the institution at this prestigious international festival. My participation contributed to strengthening BGSIT's presence in the field of cultural diplomacy and international artistic collaboration.

Faculty Development Programme (FDP)

Dr. Manjula K, Associate Professor, Department of Civil Engineering, served as a Resource Person for the Online Faculty Development Programme (FDP) on “Digital Transformation in Civil Engineering”, organized by the Department of Civil Engineering, RR Institute of Technology, Bengaluru. The expert talk was delivered on 19/08/2026 through online mode under the esteemed guidance and constant encouragement of our respected Principal, Dr. B. N. Shobha.

Dr. Manjula K delivered an expert session on “A Machine Learning Driven Prediction of Carbonation Depth in Concrete.” The session highlighted the application of Machine Learning techniques in Civil Engineering, particularly for predicting carbonation depth and assessing the durability of concrete structures. The session provided participants with insights into the integration of Artificial Intelligence and Machine Learning with concrete technology, emphasizing their potential for improving prediction accuracy, durability assessment, sustainable construction practices, and data-driven decision-making in Civil Engineering.

Programme	No. of Medals	Rank / Toppers	Eligible Graduates
B.E.	06	40	558
M.Tech	04	05	58
Total	10	45	616

Celebrating Excellence

STUDENT INDUCTION PROGRAMME 2026-27

The Student Induction Programme 2026-27 was conducted at BGS Institute of Technology, B.G. Nagara, from 17 August 2026 to 03 September 2026 with the objective of providing newly admitted students with a comprehensive introduction to the institution, academic environment, professional expectations, ethical values, health and wellness, extracurricular activities, and opportunities for personal and career development.

The programme commenced on 17 August 2026 with the Inauguration of the Induction Programme in the presence of the Registrar, Principal, Heads of Departments and faculty members. The inaugural session formally welcomed the students and introduced them to the academic and institutional environment of BGSIT. A series of motivational, personality development and skill-oriented sessions were subsequently organized. The session on “Future Ready: The Art of Standing Out” by Dr. Parvathi Venu encouraged students to develop confidence, individuality and a positive professional attitude. The programme “Building Future-Ready Minds: Critical Thinking and Soft Skills” by Dr. Naveen Mahaveer, Jain University, Bengaluru, focused on critical thinking, research orientation, communication and essential soft skills required for higher education and professional life.

The Yoga session on “Importance of Yoga for a Healthy Life”, conducted by Mr. Lakshmana, Yoga Instructor, Nagamangala, highlighted the importance of physical fitness, mental well-being and a healthy lifestyle. Students also participated in a Historical Place Tour to Ranganathaswamy Temple, Kunigal, and Siddalingeshwara Temple, Yedyur, providing them with exposure to historical, cultural and spiritual heritage. Health and safety awareness formed an important component of the programme. A session on “Cardio Pulmonary Resuscitation and Management of Common Medical Emergencies” provided students with awareness of basic emergency response and life-saving practices. A Legal Literacy Awareness Programme conducted by Advocate Trupthi, Nagamangala, familiarized students with basic legal rights, responsibilities and awareness.

The cultural programme “ರಂಗಕಲೆ ಜೀವನಸೆಲೆ” by Mr. Ambareesh Sarangi, Rangabhoomi Kalavida, introduced students to the importance of theatre, culture and artistic expression. An Eye Donation Awareness Programme, organized by the Department of Ophthalmology, Adichunchanagiri Institute of Medical Sciences, B.G. Nagara, created awareness about eye donation and its role in restoring vision and serving society.



The session on “Value in Relationship through Self Exploration (UHV)” by Dr. Ramachandra M. N, Assistant Professor, Department of Physics, ATME College of Engineering, Mysuru, emphasized human values, self-exploration, harmonious relationships and responsible living. Students were also provided with industrial exposure through an Industrial Visit to Karnataka Milk Federation (KMF), Hassan, where they gained practical understanding of industrial operations and the application of knowledge in a real-world environment.

EYE DONATION FORTNIGHT – AWARENESS PROGRAMME

As part of Eye Donation Fortnight, the Department of Ophthalmology, Adichunchanagiri Institute of Medical Sciences (AIMS), organized an interdisciplinary awareness session on “Eye Donation” on 26th August 2026 at Lecture Hall-I, AIMS, ACU Campus, in association with the NSS Unit, BGS Institute of Technology.

The programme was graced by Dr. B. N. Shobha, Dean & Principal, BGS Institute of Technology, along with Dr. Tejaswi, Vice Principal, AIMS, Dr. Niharika Shetty, HOD, Prof. Dr. Prakash and Prof. Dr. Shrinivas.

The session highlighted the importance and process of eye donation, its role in restoring vision, and the significance of voluntary donation. Students were encouraged to spread awareness about eye donation among their families and the community. The programme promoted social responsibility, compassion, and community participation among the students.

The programme was witnessed by Dr. Yuvraja B. K., Head of the Department of Basic Science and Dr. Shankara S. R., NSS Coordinator. All faculty members of the Department of Basic Science actively coordinated the programme.





Ph.D. Viva-Voce Successfully Completed With the divine blessings of Poojya Maha Swamiji, Mr. Siddhartha D. E. (USN: 19PME003), Research Scholar, Department of Mechanical Engineering, BGS Institute of Technology, successfully defended his Ph.D. Viva-Voce Examination on 11 September 2026.

His doctoral research work entitled *"Studies on Tribological Behaviour of Al 6061-WC Metal Matrix Composites" was carried out under the esteemed supervision of Dr. Hemaraju H. R., Associate Professor, Department of Mechanical Engineering, BGSIT.

The Viva-Voce was conducted by Dr. Praveen Kumar Kanti, Indian Institute of Science (IISc), Bengaluru, as the External Examiner. The occasion was graced by Dr. Prashanth Kalappa, Dean (Research), Adichunchanagiri University Dr. B. N. Shobha, Dean, Faculty of Engineering and Technology and Dr. Manjunath S. H., Professor and Head, Department of Mechanical Engineering, along with faculty members, research scholars, students, family members, and well-wishers. The department congratulates Dr. Siddhartha D. E. on this significant academic achievement and wishes him continued success in his research and professional career.

The Department of Physical Education and Sports of BGS Institute of Technology organized a Teacher's day & National sports day Tournament for Men & women & Staff on 28th & 29th 2026 at Adichunchanagiri University Stadium. The tournament was conducted with the aim of promoting sportsmanship, teamwork, and physical fitness among students from various institutions across the state. The inaugural ceremony was attended by distinguished guests and dignitaries graced the occasion as the chief guest. Dr. S.N Sridhara Vice Chancellor, ACU and Dr. C.K Subbaraya, Registrar. Dr. B N Shobha, Dean and Principal for Engineering, Management and Technology, addressed the gathering and motivated the participants to exhibit determination, discipline, and teamwork while competing in the tournament. The dignitaries emphasized the importance of sports in developing leadership qualities and maintaining a healthy lifestyle.

The event was coordinated under the guidance of Mr. M C Kumara, Physical Education Director, along with Dr. Rangnathswami L Sports Secretarie, and all HOD's, Coordinators, faculty members, and student volunteers who ensured the smooth functioning of the tournament. HODs, faculty members, staff, and students of BGSIT actively participated in and supported the event during both inaugural and valedictory functions. A total of Eight teams from various colleges across the state participated in the tournament. The event witnessed exciting and competitive matches throughout the two-day schedule, where teams displayed exceptional skills, coordination, and sportsmanship.



Independence Day Celebration

The Independence Day celebration was organized at the college with great enthusiasm and patriotic spirit. Faculty members and students actively participated in the celebration. The programme included the hoisting of the National Flag, patriotic activities, and cultural programmes. As part of the event, programme tracking and coordination were carried out to ensure the smooth conduct of the celebration.



Journal Publications

Sl. No.	Dept.	Author	Journal	Title	index
1	ISE	Dr. Siddartha B K	Journal, Scientific Reports	Seizure Detection Using Hierarchical Temporal Trend Integration and Self-Supervised Learning	Q1
2	ME	Mr. Santhosh Kumar T C	<u>Journal of Materials Research and Technology</u>	Mechanical characterization and fatigue behaviour of carbon/flax/sisal hybrid fiber reinforced epoxy composites	Q1
3	CE	Mrs. Sandya D S	<u>Journal of The Institution of Engineers</u>	ANN-driven Modelling of Deformation and Notch Sensitivity in Hemp Fiber–Epoxy Composites Under Tensile and Edge-notched Tensile Loading Conditions	Q2
4	ECE	Dr. Manoj Kumar S B	Optik - International Journal for Light and Electron Optics	Analysis of AI augmented 2D Photonic crystal-based biosensor for the detection of oral cancer using logistic regression based classification	Q2
5	AIML	Dr. Naveen N	Journal, Sensing and Imaging	DisasterChangeNet: Boundary-Preserving Deep Change Detection in Remote Sensing for Disaster Management	Q2
6	ECE	Dr. Manoj Kumar S B	Journal of Optics	Ring resonator based 2D photonic crystal biosensor for the detection and analysis of cocaine in blood and classification using machine learning	Q3
7	ECE	Dr. Manoj Kumar S B	Journal of Optics	Ring resonator based 2D photonic crystal biosensor for the detection and analysis of cocaine in blood and classification using machine learning	Q3
8	CSE	Mrs. Pallavi N R	International Journal of Computer Information Systems and Industrial Management Applications	Ai-based Information Systems For Real-time Signal Processing And Smart Industrial Automation Applications	Q3
9	BS	Dr. Parashiva murthy H L	Discrete Mathematical Sciences	Enhancing Network Security with Graph Theory through Identification of Critical Nodes and Vulnerabilities	Q4
10	CE	Mrs. Sandya D S	Polymer & Composites	Experimental and Polynomial Regression Modelling of Tensile Characteristics of Hybrid Jute/Hemp Fiber Composites	Q4 WoS
11	CE	Mrs. Sandya D S	Polymer & Composites	Bending and Single Edge Notch Bending Test (SENB) Investigation of Natural Fiber- Reinforced Epoxy Composites using Machine Learning	Q4 WoS

Conference Presentations

Sl. No.	Dept.	Author	Conference	Title	Date
1	ECE	Dr. Naveen K B	<u>Proceedings of the International Conference on Wireless Sensor Networks, Ubiquitous Computing and Applications</u>	Efficient Iris Recognition Framework with Feature Optimization and Privacy-Preserving Encryption	05.09.2026
2	ECE	Dr. Vijay Kumar Gowda B N	Fifth International Conference on Power, Control and Computing Technologies (ICPC2T), Raipur, India, 2026	Hybrid Deep Learning in Binary Mental Intention Recognition and EEG-Based Brain-Computer Interfaces	17.09.2026
3	RAI	Ms. Priya D	2nd International Conference on Distributed systems, Computer networks and Cybersecurity ICDSCNC 2026	Design of a resource efficient pipelined FPGA accelerator for CNN using fixed point optimization	28.08.2026

Patent Publications

SI NO	Dept	Inventor name	Patent Title	Status
1	CSE	Dr. Shruthi K S Dr. Vidyasagar K B	Artificial Intelligence based Caregiver Smart System	Granted
2	CSE	Dr. Vidyasagar K B	IoT Based Cloud Data Analysis Device	Granted
3	CSE	Dr. Arpitha K	AI Patch for Detect Dopamine From Sweat	Granted
4	ECE	Dr. Naveen K B	Indian Design Patent - Fork-Branch Radiating Microstrip Antenna	Granted
5	ISE	Mrs. Nischitha A R	Image Processing Based Facial Emotional Detection Device	Granted
6	CSE	Mrs. Namitha A R	IoT-based Autonomous Solar Panel Dry Cleaning Robot	Granted
7	ECE	Mrs. Lekhashree M K	AI based cloud security detecting device	Granted
8	AIML	Mrs. Nimesha Y B	Robotic Device for Parenting Education	Granted
9	CE	Dr. Mahalingegowda H R	Design of Concrete Structures	Published
10	BS	Mrs. Dakshayini Ms. Sushma	Robotic Painting System	Published
11	BS	Ms. Koushitha B K	AI Based kitchen Environment and Theft Monitoring device for Cook	Published

Book & Book Chapters

Sl No	Dept	Book	Title	Details
1	ECE	Dr. Prabhavathi K	Smart cloud security detecting device	Design Number 505971-001
2	ECE	Dr Manoj Kumar S B	Data-Driven Emotional Intelligence-AI and IoT Synergy in Human– Machine Collaboration, Wiley Online Library - Emotional Intelligence and Human-Machine Interaction in Advanced Hardware Systems	https://doi.org/10.1002/9781394384839.ch8
3	ECE	Dr. Kavitha B C	AI-Powered Human-Machine Feedback Systems for Adaptive Interfaces	Wiley https://doi.org/10.1002/9781394384839.ch17
4	ECE	Dr. Kavitha B C	Integrating AI, IoT, and ML for Seamless Human-Centric Optimization	Wiley https://doi.org/10.1002/9781394384839.ch9
5	ECE	Mr. Ravikiran H N	Applications in Quantum Cryptography:Harnessing Quantum Principles for next generation Security	https://share.google/ktIz2qJya6DqTURZp

Faculty Development Programs

Sl NO	Name	FDP Details	Dates & Duration
1	Dr. Prabhavathi K	“Design and implementation of vlsi circuits for 6g networks – technological challenges”	03.08.2026 to 07.08.2026
2	Dr. Chethana G C Mr. Pradeep H Mr. Sharath N	Hybrid Solar-Electric Vehicles:Design,Control,Smart Charging Infrastructure and Energy Optimization	17.8.2026 to 21.08.2026
3	Mrs. Kavya B M Mrs. Uma A Mrs. Sandya D S	FDP on Emerging AI Technologies and their applications in Civil Engineering Organizing Body: Civil Engineering Department, Bapatla Engineering College, Bapatla Andra Pradesh . Speakers: Prof.P Udaya Bhaskar	10.08.2026 to 14.08.2026
4	Dr. Shankara S R Dr. Sunil Kumar M S Ms. Umalakshmi H	Sustainable Materials for Advanced Research and Technology(SMART-2026)”	24.08.2026 to 28.08.2026
5	Ms. Sushma T N Ms. Koushitha B K	AI-Empowered Pedagogy: Smart Tools for Modern Classrooms”	11.07.2026 to 08.08.2026

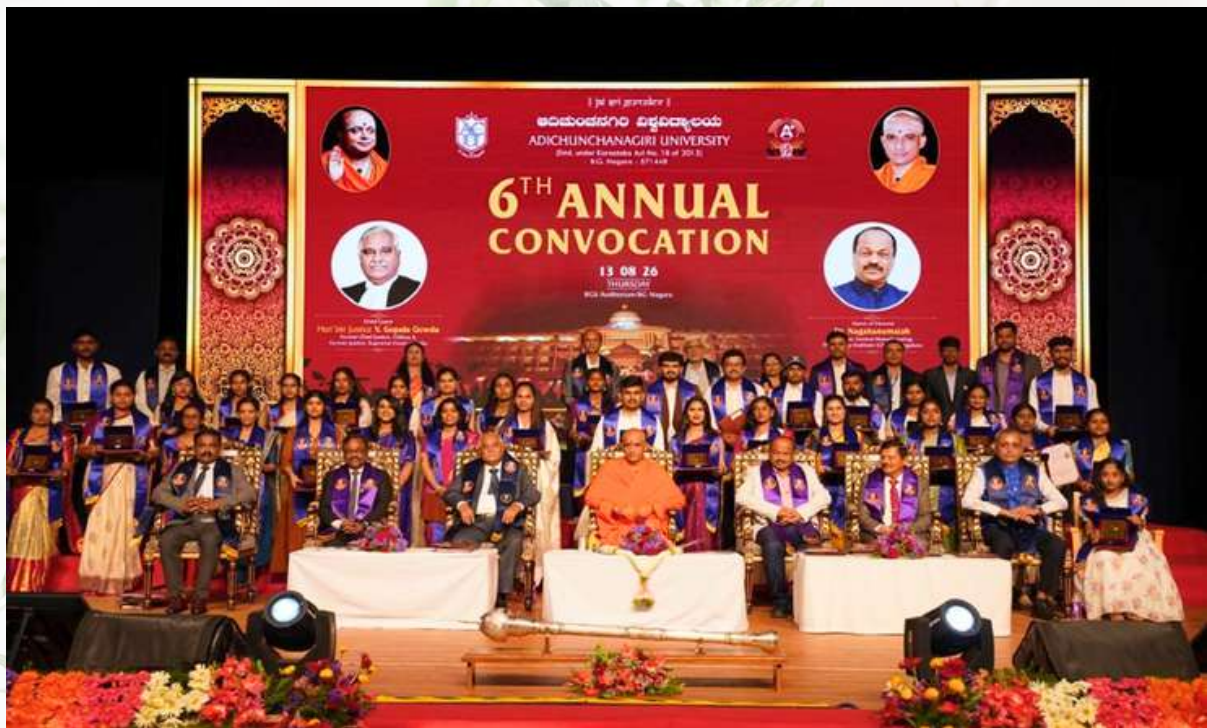
Sl No	Name	Details	Date
1	Dr. Vijay Kumar Gowda B N	Participated NPTEL star meet at IISc Bangalore	04.08.2026
2	Mrs. Nishchitha S	•Webinar on Designing Systems with Zynq: Block Design Made Easy	27.08.2026
3	Mrs. Tejaswini M R Ms. Poorvika T P, Mrs. Ramya K	Designing Smarter Systems with Zynq: Block Design made easy in association with Corel Technologies Pvt Ltd. And AMD-Xilinx	20.08.2026
4	Mrs. Chandrika B N, Ms. Smith K	Online course on AWS Cloud Practitioner 2019:Shared Responsibility	17.08.2026
5	Mrs. Vidhya S G	Co-ordinated webinar on “Using AI Tools in Academic Research”	08.08.2026
6	Dr. Hemaraju	Attended webinar on “How to improve productivity through quality”.	23.08.2026
7	Ms. Priya D	Attended 2nd International conference on Distributed systems, Computer networks and Cybersecurity ICDSCNC 2026.	28.08.2026
8	Dr. K N Shivakumaraswamy	Guest lecture on AI Enable academic Productivity and Research System on 27.08.2026 at Nimhans, Prof H S Siddamalliah,	
9	Dr. Ranganath Swamy L	•Webinar on Build AI Agents for your Enterprise •Attended AI Career Accelerator Program	07.08.2026
10	Mr. K.S. Sudeep Kumar	Webinar on “University of 2030”	21.08.2026
11	Mrs. Ramyarani H V	•Webinar on Applying AI for Engineering Productivity •Webinar on “Recent Trends in Factory Automation	07.08.2026 to 28.08.2026
12	Mr. Hemantha C	Webinar on ChatGPT for beginners	17.08.2026
13	Mrs. Nandini S R	Completed training program on Java Full Stack conducted by Wipro	22.6.2026 to 10.7.2026
14	Mr. Ananda K	HP LIFE Certificate of Completion – AI for Beginners	27.07.2026
15	Dr. Vani N	Attended Online workshop conducted from Microsoft company on titled “Develop AI apps and agents on Azure”	21.07.2026
16	Mr. Prasanna Kumar M J	Online course completed on English Proficiency Test	31.07.2026
17	Dr. Shruthi R Dr. Manjula K	Attended Webinar on 10 Decisions that Ensure Successful Self-Compacting Concrete Expert Speaker: Er. Saandeep Maathur,	22.08.2026
18	Mr. Sunil R	Online Training Program Project Organizing Body: CMTI, Bengaluru	01.08.2026

19	Dr. Shruthi R, Mr. Akshay Kumar H S, Mr. Amith B J, Mr. Varun C S	Webinar on Project Management Resource Person: : Er. Parimal Marathe, Progressive expert Pvt ltd Organizing Body: CMTI,	22.08.2026
20	Mr. Gagan Krishna R R	Online FDP on “Role of Artificial intelligence in Technical & professional Education” organized by SKP Engineering College	01.08.2026
21	Mrs. Dakshayini G Mrs. Chaithra S M	Workshop on “Mainstreaming SDG’s in Curriculum, Research and Community Engagement”	02.08.2026
22	Mrs. Smitha S K	Online National Workshop on “Mastering Academic Referencing And Citation Practices for Quality Research	23.08.2026
23	Mr. Gangadharagowda P H	Online Quiz on “Viksit Bharat Young Leaders Dialogue 2027”	30.08.2026
24	Dr. Yuvaraja B K Ms. Umalakshmi H A	3 days Workshop on “Open-Source Technologies for AI-Enabled Academic Research”	01.09.2026 to
25	Dr. Parashivamurthy H L Mrs. Chaithra S M, Ms. Koushitha	2 days Workshop on “Data Mining, Visualization & Predictive Analytics” using Orange Software	07.09.2026 &
26	Mr. Shankara S R Dr. Sunil Kumar	2 days Workshop on “Applied Research Statistics” using Jamovi	14.09.2026 15.09.2026
27	Ms. Anusha P Mrs. Sandya D S	FDP on AICTE MITACS Globalink Research Internship (GRI) Program 2027, AICTE, Virtual Speakers: Rokhaya (Mitacs)	04.08.2026
28	Mrs. Ramya K	AI Tools Practical Strategies and Application for Engineering Education by Gopalan College of Engineering	29.08.2026
29	Mr. Santhosh kumar T C	2 Days, Faculty Development programme, AI-Integrated Engineering Education	03.08.2026 to
30	Mr. Dhruva M S	Received appreciation certificate for hosting webinar on “Java Development: Powering The Future” by VIJESHA IT SERVICES	

Journal / Conference

Sl. No.	Dept.	Reviewer name	Journal/Conference
1	ECE	Dr. Smitha A S	Journal CEJ
2	BS	Dr. Malathesh Pari	Journal of Molecular Structure
3	BS	Dr. Malathesh Pari	Results in Chemistry

6th Annual Convocation



Course	Program	Numbers	Total
Bacher in Engineering	CSE	183	578
	Civil	63	
	ECE	186	
	ISE	60	
	AIML	59	
	Mech	27	
Master in Technology	CSE	18	58
	Infra Mgmt	14	
	Structures	13	
	VLSI & ES	13	
PhD	CSE	3	10
	ECE	3	
	Mech	4	



Placement Puzzle

Sharpen Your Mind | Build Your Skills | Crack Your Dream Job



Logic Puzzle

A company is hiring freshers for **3 different** roles – Software, Hardware and Data Analytics. There are 3 candidates – A, B and C. Each candidate has a different area of interest and a different hometown.

Clues:

- 1 A is not from Mysore.
- 2 The candidate who is from Bangalore is interested in Data Analytics.
- 3 B is interested in Software.
- 4 The candidate from Chennai is not interested in Hardware.
- 5 C is not from Chennai.



Question:

Which candidate is from which city and which role are they interested in?



Think Beyond the Obvious!

- ✓ Use logical deduction.
- ✓ Look for elimination.
- ✓ Think like a problem solver.
- ✓ This is how companies evaluate you in interviews too!



Aptitude Challenge

If a work can be done in 12 days by 6 people, how many days will it take by 8 people, assuming the same efficiency?



Tips for Placement Success

- 1 Practice logical reasoning & aptitude daily.
- 2 Improve your technical concepts.
- 3 Build communication and presentation skills.
- 4 Work on your resume and projects.
- 5 Stay confident. You can do it!

Small Steps → Big Opportunities

Stay Focused | Keep Practicing | Get Placed

*All the Best
for Your
Placements!*



Dream

Prepare

Achieve



MBA & BE
Placement Cell

॥ ज्ञेयो इतो ह्यप्यपवेष्टव ॥



ADICHUNCHANGIRI
UNIVERSITY



ADMISSION
OPEN FOR 2026

BGS Institute of Technology

Courses Offered (CET Code: E-142)

Branch	Fees
BE - Computer Science Engineering	2,40,000
BE - Electronics & Communication Engineering	2,00,000
BE - Information Science Engineering	2,00,000
BE - AI & ML	2,40,000
BE - Civil Engineering	1,00,000
BE - Mechanical Engineering	1,00,000
BE - Robotics & Artificial Intelligence	1,20,000



For Admissions Contact:



Dr. M B Anandaraju, Director
+91-9886108095



<https://acu.edu.in/>



Dr. B N Shobha, Principal
+91-9845973725



admissions@acu.edu.in