ಬಿ.ಎಂ.ಎಸ್. ತಾಂತ್ರಿಕ ಮತ್ತು ವ್ಯವಸ್ಥಾಪನಾ ಮಹಾವಿದ್ಯಾಲಯ
BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT
(Autonomous Institution Under VTU)
Yelahanka, Bengaluru -560119

# Information on Industry Connect for Website

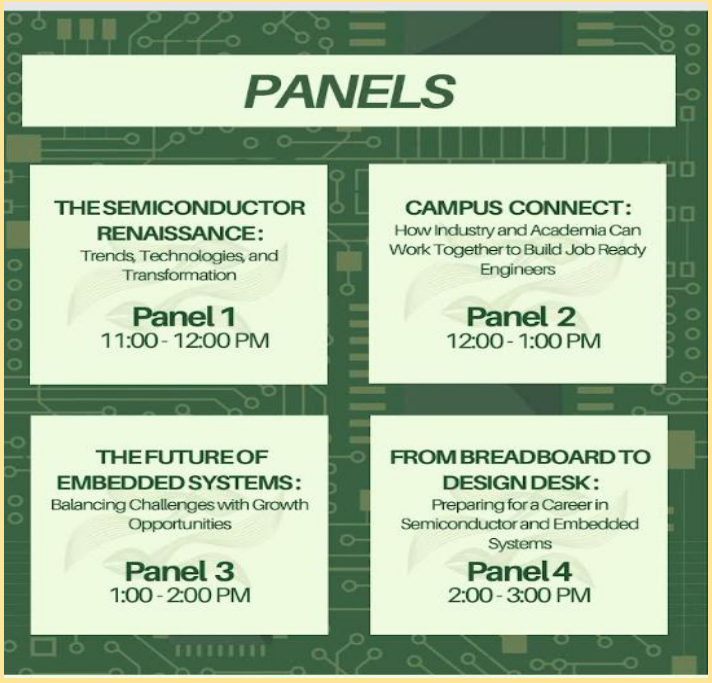
## Industry Institute interactions/partnerships:

### i) Memorandum of Understanding (MOU)

On January 7, 2025, BMSIT&M entered into a Memorandum of Understanding (MoU) with Vagmin Research Labs LLP to establish a Centre for VLSI Systems and Design. The MoU aims to foster research, innovation, training, and knowledge sharing in the domain of VLSI. As part of this collaboration, both institutions will engage injoint research and development, conduct workshops, seminars, and training programs, and create educational and technical resources. The initiative also seeks to enhancethe skills of students, faculty, and researchers, support entrepreneurship and innovation through mentorship, offer technical and research support, and enable access to specialized tools, technologies, and funding opportunities for R&D activities.

### ii) Industry Conclave-SILICON SYNERGY-2025

A technology conclave was jointly organized by the Departments of ECE and EEE at BMSIT&M on April 24, 2025, bringing together industry leaders, academia, and aspiring engineers. The event featured a high-level panel discussion on emerging trends in VLSI design and embedded applications, with expert insights from top professionals in the field. A premier electronics expo was also held, offering a platform for major hardware companies to showcase their latest products and technologies through dedicated industry stalls. The event attracted over 600 students, who gained valuable exposure to current industry practices, evolving technologies, and essential skillsets expected by employers in the electronics domain.



### iii) Industry-Academia Meet-2024

The Department of Electronics and Communication Engineering at BMS Institute of Technology and Management (BMSIT&M), Yelahanka, hosted the highly anticipated **"Industry-Academia Meet-24"** on **7th December 2024**. The event focused on fostering collaboration between academia and industry. This unique initiative brought together industry professionals, academic experts, and researchers to discuss advancements in VLSI technology and their implications for higher education. The goal was to bridge the gap between academic curriculum and real-world applications, equipping students with cutting-edge skills and knowledge. The event Industry academia meet-2024 played a pivotal role in organizing this successful meet, ensuring fruitful discussions and actionable outcomes. The Industry leaders from Synopsys, Intel, Cadence, SanDisk and L&T etc. Dr. Prabhakar Mishra Professor of Practice at BMSIT&M, along with Mr. Nikhil Rao from Vagmin Research Labs extended support in organizing this event successfully. The event concluded with a roadmap for integrating industry feedback into the curriculum, aiming to make the M.Tech VLSI program at BMSIT&M a benchmark in academic excellence and industry relevance.

**iv) Skill Enhancement Program on VLSI and High-Performance Embedded Computing:**

The Department of ECE organized a Skill Enhancement Program on "VLSI and High-Performance Embedded Computing" for students of 5th semester ECE, ETE, and EEE. The program aimed to strengthen students' competencies in core technical areas, providing them with industry-relevant knowledge and hands-on exposure. The sessions were led by Dr. Prabhakar Misra, CEO of Vagmin Research Labs and Professor of Practice in the ECE Department, bringing valuable industry insights to the classroom. Conducted over a span of 24 hours, the program ran from December 6, 2024, to January 24, 2025, with sessions held on Friday and Saturday afternoons. This program enabled students to gain a deeper understanding of advanced concepts in VLSI architecture and embedded system design.

**v) Industry-driven course on RISC-V**

An industry-oriented training program on RISC-V Architecture was organized for 4th-semester ECE students in partnership with Angstromers, running from April 4 to May 31, 2025, on alternate Fridays and Saturdays. The course offered a comprehensive 100-hour curriculum, including 60 hours of in-person sessions and 40 hours conducted online. A total of 31 students enrolled in the program, which aimed to strengthen their technical proficiency and align their learning with current industry standards.

## Industry supported laboratories:

Industry-supported laboratories play a crucial role in bridging the gap between academic learning and real-world industrial practices. These labs provide students withhands-on experience in emerging domains such as signal processing, VLSI design, embedded systems.

| Sl. No. | List of industry supported laboratories | Name of the Industry | Description |
|---|---|---|---|
| 1 | Advanced DSP Lab | Pathpartner Technologies | Provided a funding of Rs.3.4 Lakhs to set up advanced DSP lab facilities |
| 2 | Intel FPGA Lab | Intel Technology India Pvt Ltd | Provided an FPGA hardware worth rupees 2,04,930/- and software worth rupees 33,69,375/- with 15 licensed software received free of cost for Academia purpose. |
| 3. | QNX software lab | Pi square Technologies | Set up a software lab to train the students on QNX operating system. |

**PathPartner Technology (Member of KPIT Group) Funded Signal Processing and IoT Project Lab at BMS Institute of Technology and Management.**

BMS Institute of Technology C Management (BMSITCM) expresses our sincere gratitude to our esteemed industry partner, PathPartner Technology (Member of KPIT Group) for setting up a state of the at facility at BMSITCM by generous funding a grant of Rs.340000 from their CSR fund. This support has empowered BMSITCM to equip our state-of-the-art Signal Processing and IoT Project Lab hence provide our undergraduate engineering students a hands-on experience that utilizes the latest technologies for innovation and project development.

**Photograph of the Signal Processing and IoT Project Lab set up in ECE Project Lab**

This facility is equipped with an array of development boards and equipment. Using the funds provided we have purchased , Arduino Suite: Arduino Edge Control, Portenta Breakout, Portenta H7, NICLA Sense ME, Portenta Vision Shield, and Portenta CAT.M1/NB IOT GNSS Shield, Intel RealSense: Depth Camera D435i, Jetson Xavier NX: reComputer J2012/J2021 Edge AI Device, Sensor Prototyping: SenseCAP K1100, Raspberry Pi Camera: IR-Cut OV5647 5MP Camera, Adjustable Temperature Soldering Iron Kit with Multimeter and Analog Discovery Studio (A tool for signal analysis and prototyping).

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**Photograph of various development boards and equipment procured from the funds provided by PathPartner Technologies for the Signal Processing and IoT Project Lab**

The Signal Processing and IoT Project Lab empowers our students to take their learning beyond the classroom. Undergraduates of all semesters are actively engaged in the lab, developing projects that tackle real-world problems using signal processing, sensor networks, and the power of the Internet of Things. This facility helped more than 60 students from various semesters of ECE branch to execute various projects during their project-based learning. The students developed array of projects such as SafeQuest, Robotic Aerial and Planetary Terrain Operational Rover, i-Trasher, Agrover etc.

**Photograph of students engaged in demonstrating the PBL project that used the facilities provided in the Signal Processing and IoT Project Lab**

The partnership with PathPartner Technologies is instrumental in providing our students with the resources and exposure needed to excel in today's technology-driven world. The strong commitment from the officials from PathPartner Technologies in our industry attached course on "Digital Signal Processing" helped several students from ECE, ETE and EEE branches at BMSIT, to understand and apply various industrial level applications of signal processing such as Audio Signal Processing, Video Signal Processing, Image Processing and Radar Signal Processing.

**Officials from PathPartner Technologies interacting with students at BMSITM**

This collaboration allowed our students to execute industry-relevant project ideas, and acted as potential pathways to their future careers.

## Industry internship process:

Industry internships are structured opportunities that allow students to gain practical exposure to real-world engineering environments. These internships enable students to apply theoretical knowledge to live projects, understand industrial workflows, and interact with professionals, thereby enhancing their technical and professional competencies. As per the academic scheme, the number of credits allotted for industry internships is:

- **2021 Scheme**: 12 credits
- **2022 Scheme**: 10 credits

### Process Followed for Industry Internship in the Department

The department follows a systematic process to ensure students gain meaningful industry exposure and are guided effectively by faculty mentors. The process includes the following stages:

1. Planning and Awareness

- The department briefs students on the importance, objectives, expected outcomes, duration, scheme, and credit structure of industry internships.
- Internship guidelines, timelines, and evaluation criteria are shared with students through circulars and mentoring sessions.

2. Identification of Internship Opportunities

- Students identify suitable companies/organizations for internships based on their area of interest.

  The department also facilitates opportunities through:

  - Faculty, alumni and industry network
  - Training and Placement Cell (T&P Cell)

3. Approval Process

- Students submit internship proposals including company details and proposed duration.

- The Internship Coordinator verifies and approves the internship to ensure alignment with academic objectives and relevance to the discipline.

4. Internship Execution
   - Internships are typically undertaken during the summer break after the 4th or 6th semester.
   - Students maintain an internship diary to document tasks, learnings, and reflections.
   - Regular interaction with the assigned faculty mentor is ensured via email or periodic updates.
5. Monitoring and Mentoring
   - Faculty mentors monitor student progress and provide guidance on technical and ethical aspects.
     Feedback is taken from industry supervisors for performance review.
6. Evaluation and Documentation
   - On completion, students submit:
     - Internship Report
     - Completion Certificate from the organization
     - Supervisor feedback (if available)
   - Evaluation is carried out through:
     - Viva-voce or presentation

       Review of report
     - Rubric-based assessment covering learning outcomes

**Table 2.3.1 Internships details with number of credits, duration of for the internship for the academic years 2024-25 and 2025-26.**

| Sl. No. | Scheme | Particular | Duration of the internship | Schedule |
|---|---|---|---|---|
| 1. | 2022 scheme | Research Internship /Industry Internship No. of Credits: 10 | 15 Weeks | Between the 6th and & 7th semester break or after completing the 7th semester |
| 2. | 2021 scheme | Research Internship /Industry Internship No. of Credits: 07 | 15 Weeks | Between the 6th and & 7th semester break or after completing the 7th semester |

**Table 2.3.2 Domain-wise details of the internship undergone by the students of the 2021 scheme.**

| Sl. No. | Internship Domain | No. of students undergone internship | No. of students with Stipend | POs addressed | PSOs addressed |
|---|---|---|---|---|---|
| 1. | VLSI, Embedded systems, Hardware development | 18 | 02 | PO1 to PO11 | PSO1, PSO3 |
| 2. | Electrical manufacturing service, Testing and Calibration of Test Equipment, Electrical commissioning, instrumentation, PCB testing, workflow automation | 10 | 06 | PO1 to PO11 | PSO1, PSO2 |
| 3. | AI, Machine learning, Data analytics | 20 | 01 | PO1 to PO11 | PSO3 |
| 4. | 5G Communication, wireless networking, military Radar, RFID | 07 | 02 | PO1 to PO11 | PSO2 |

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|---|---|---|---|---|---|
| 5. | IT Software | 80 | 31 | PO1 to PO11 | PSO3 |
| 6. | Web development, full stack development | 21 | 03 | PO1 to PO11 | PSO3 |
| 7. | Cyber and network security, Cloud services and application developer | 15 | 04 | PO1 to PO11 | PSO2, PSO3 |
| 8. | Online skill enhancement course- VTU in Digital marketing, programming in C++, Testing | 05 | Nil | PO1 to PO11 | PSO3 |

**Company-wise details of internship**

| SL. No | Name | USN | Company/ Institute Details, where Internship Carried out | Domain (VLSI/ IT software/ Embedded system/Communication/ Testing/ any other technical training | Paid/ Unpaid | Duration |
|---|---|---|---|---|---|---|
| 1 | Achyuth Rao H | 1BY20EC008 | NEOFRIDAY – TECHNOLOGY ON YOUR WAY (OPC) PRIVATE LIMITED | Data Analyst | Unpaid | 6 months |
| 2 | Sanjana D R | 1BY20EC147 | NEOFRIDAY – TECHNOLOGY ON YOUR WAY (OPC) PRIVATE LIMITED | Data analyst | Unpaid | 6 months |
| 3 | A Afzal Pasha | 1BY21EC001 | Rail wheel Factory | Software Development | Unpaid | 15 weeks |
| 4 | Adithya R | 1BY21EC003 | Online Skill Enhancement Course- VTU | | | |
| 5 | Adithya R Hiremath | 1BY21EC004 | SAP Concur | IT Software - Solution Engineer | Paid | 06 Months |
| 6 | Aditya Maheshwari | 1BY21EC006 | Galaxe Solutions | IT software | unpaid | 4 months |

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|---|---|---|---|---|---|---|
| 7 | Aman Kumar | 1BY21EC008 | PPN solutions | IT software | unpaid | 4 months |
| 8 | Amit | 1BY21EC009 | ML data ocean | IT software | Unpaid | 15 weeks |
| 9 | Amit Kumar singh | 1BY21EC010 | Ostwal Group of Industries | IT software | Unpaid | 15 weeks |
| 10 | Amrithavarshini M | 1BY21EC011 | iBUS | IT software | Unpaid | 4 months |
| 11 | Ankit Ananth Kini | 1BY21EC013 | Rooman Technologies | AI-Data Quality Analyst | unpaid | 15 weeks |
| 12 | Ankitha R | 1BY21EC014 | IISc | Antenna designing | Unpaid | 7 months |
| 13 | Anu C Patil | 1BY21EC015 | GalaxeE solutions | Software Development | Unpaid | 24 Weeks |
| 14 | Anushree H M | 1BY21EC016 | Ibus Networks | IT Software | paid | 4 months |
| 15 | Aparna Balasubramanian | 1BY21EC017 | IBTrack solutions | RFID | Unpaid | 15 weeks |
| 16 | Archi Kothari | 1BY21EC018 | Ostwal group of Industries | | | 15 weeks |
| 17 | Arjun P Anil | 1BY21EC020 | Amazon Web Services (AWS) | IT software | Paid | 4 months |
| 18 | Aryan Prakash | 1BY21EC021 | PPN Solutions | IT | Paid | 4 months |
| 19 | Ashish | 1BY21EC022 | Nokia Solution Networks | Communication | Paid | 9 months |
| 20 | Avani Suresh Kengal | 1BY21EC023 | Ahana Systems and Solutions Pvt. Ltd. | Data Analytics and AIML | Unpaid | 15 weeks |
| 21 | Avnish Philip | 1BY21EC024 | SAP Ariba | IT Software | Paid | 5 months |
| 22 | Ayan vats | 1BY21EC025 | Microland | Consultancy | unpaid | |
| 23 | B S Sai Dhanush | 1BY21EC026 | Mifratech OPC pvt ltd | ML with Python | unpaid | 15 weeks |
| 24 | Basavaprabhu S H | 1BY21EC027 | Nokia | 5G Communication | Paid | 9 months |
| 25 | Bhaargava R | 1BY21EC028 | Jenu Digitech Labs pvt ltd. | SAP UI5 MII | paid | 15 weeks |
| 26 | Bharath Vasishta R | 1BY21EC029 | Magna Automotive India Private Limited | Hardware Development | paid | 6 Months |
| 27 | BHUVAN BALORIA | 1BY21EC030 | KENKO AI | AUTOMATION ENGG | paid | 6 MONTHS |
| 28 | chandan s | 1BY21EC031 | MIFRATECH OPC PVT LTD | ML in Python | unpaid | 15 weeks |
| 29 | Charithra V | 1BY21EC032 | Rooman Technologies | AI data quality analyst | unpaid | 15 weeks |

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|---|---|---|---|---|---|---|
| 30 | Chetan V | 1BY21EC033 | Brookwoods Technologies | Data Analytics | unpaid | 15 weeks |
| 31 | Chidipi Reddy Manjunath Reddy | 1BY21EC034 | Mifratech OPC Pvt Ltd | ML with Python | Unpaid | 15 weeks |
| 32 | Darshan M K | 1BY21EC035 | MIFRATECH OPC PVT LTD | ML in Python | unpaid | 15 weeks |
| 33 | darshan T | 1BY21EC036 | MIFRATECH OPC PVT LTD | ML in Python | unpaid | 15 weeks |
| 34 | Devansh Badala | 1BY21EC037 | Not yet decided | | | |
| 35 | Devaraj D | 1BY21EC038 | Hitachi energy india ltd | Testing | Paid | 15 weeks |
| 36 | Dhananjaya S | 1BY21EC039 | axcend automation and software solutions | IT Software | unpaid | 3 Months |
| 37 | Dhanya S Bhat | 1BY21EC040 | IBM | IT Software | Paid | 6 months |
| 38 | Dhruv Joshi | 1BY21EC041 | Rooman Technologies | AI Data Quality Analyst | Unpaid | |
| 39 | Digvijay K | 1BY21EC042 | Sonata Software Pvt Ltd | .NET Developer | paid | 6 months |
| 40 | Elroy J Jose | 1BY21EC044 | Eurofins IT Solutions India Pvt Ltd | Software Development | Paid | 3 months |
| 41 | G P Varshini | 1BY21EC045 | Oracle Solutions Services (GSC) | Cloud | Paid | 20 weeks |
| 42 | G PRATHAM GOREY | 1BY21EC046 | MIFRATECH OPC PVT LTD | ML with Python | unpaid | 15 weeks |
| 43 | Giriraj K | 1BY21EC047 | Jenu Digitech Labs pvt ltd. | SAP UI5 MII | unpaid | 3 months |
| 44 | Gouri G | 1BY21EC048 | Roman Technologies | AI Data Analyst | Unpaid | 15 weeks |
| 45 | Greeshma K S | 1BY21EC049 | Infineon Technologies | embedded systems | unpaid | 16 weeks |
| 46 | Greeshma K S | 1BY21EC049 | Infineon Technologies | Embedded systems programming | unpaid | 16 weeks |
| 47 | Gurjot Singh | 1BY21EC050 | Ostwal Group of Industries | DBMS | Unpaid | 15 weeks |
| 48 | Harsh Vardhan Gaur | 1BY21EC051 | British Telecom | Software Engineering | paid | 6 months |
| 49 | Harsha S | 1BY21EC052 | Emertxe | Embedded System Training | Unpaid | 6 Months |

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|---|---|---|---|---|---|---|
| 50 | **Hemant joshi** | 1BY21EC053 | Marine Edge Technologies Pvt Ltd | IT software | Paid | 4 Months |
| 51 | Hemanth Kumar Reddy B | 1BY21EC054 | Hirola InfoTech Solutions Pvt Ltd | IT Software | unpaid | 15 Weeks |
| 52 | Hemavathi KR | 1BY21EC055 | thoughtsstream innovation solutions | software developer | unpaid | 15 weeks |
| 53 | HRITHIK KUMAR SINGH | 1BY21EC057 | ByteProc Solution Pvt Ltd | Full stack Devlopment | Paid | 6 months |
| 54 | Ikshithri P | 1BY21EC058 | Moxo Solutions | Growth Marketing | Paid | 6 months |
| 55 | Ishita | 1BY21EC059 | Amazon | IT Software | Paid | 6 month |
| 56 | Ishita | 1BY21EC059 | Amazon | IT Software | paid | 6 months |
| 57 | J R Apurva Shetty | 1BY21EC060 | Mitra Foundation Trust | Software development | Paid | 15 weeks |
| 58 | Jatin Meena | 1BY21EC061 | BYTEPROC | web development | paid | 4 months |
| 59 | K.Bhargavi | 1BY21EC063 | Rooman technologies | AI -data analyst | unpaid | 15weeks |
| 60 | K Rajmohan | 1BY21EC064 | XSOC Technologies Pvt. Ltd. | VLSI | Paid | 4 months |
| 61 | K Shreyas | 1BY21EC065 | Infineon Technologies | embedded systems | unpaid | 16 weeks |
| 62 | Karthik patil | 1BY21EC066 | Blackhawk Network (India) | software engineer | Paid | 6 months |
| 63 | Karthik V T | 1BY21EC067 | Rooman Technologies | Cloud Application Developer | unpaid | 15 weeks |
| 64 | Keshav T Hegde | 1BY21EC068 | In time tec | cybersecurity | paid | 6 months |
| 65 | Kuchipudi Sowmya Jasmine | 1BY21EC070 | Velocis Systems Pvt Ltd | Wireless Networking | Unpaid | 16 weeks |
| 66 | LS Ananya | 1BY21EC071 | Subhanu Technologies and Solutions | Embedded systems | unpaid | 16 weeks |
| 67 | Likitha S R | 1BY21EC073 | Rooman Technologies | Cloud Application Developer | unpaid | 15 weeks |

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| 68 | M N Anushka | 1BY21EC074 | shubanu technology and solutions | embedded system | unpaid | 4 months |
| 69 | Mallikarjun Laxman Timasani | 1BY21EC076 | Rapyder Cloud Solution | | | |
| 70 | Manas Upadhyay | 1BY21EC077 | Endava | | Unpaid | 4 months |
| 71 | Manoj K V | 1BY21EC078 | Central Manufacturing Technology Institute(CMTI) | VLSI | unpaid | 4 Months |
| 72 | Mayur S R | 1BY21EC079 | NEOFRIDAY – TECHNOLOGY ON YOUR WAY (OPC) PRIVATE LIMITED | Data Analyst | Unpaid | 4 months |
| 73 | Meghana N M | 1BY21EC081 | Endava | Full Stack development | unpaid | 4 months |
| 74 | Mitali Mishra | 1BY21EC082 | Schneider Electric | Project management | Paid | 3 months |
| 75 | Mohamed Yasin M Bekinalkar | 1BY21EC083 | Take it smart pvt Ltd | full stack web developer intern | unpaid | 15 weeks |
| 76 | Mohammed Danish Ali | 1BY21EC084 | Not yet decided | Full stack web development | Unpaid | |
| 77 | Monisha L | 1BY21EC086 | Zeta Coding Innovative Solutions | IT Software | unpaid | 15 weeks |
| 78 | Monisha M S | 1BY21EC087 | Online Skill Enhancement Course VTU | IT - Software | unpaid | 15 weeks |
| 79 | Moulya Rajesh | 1BY21EC089 | Online skill enhancement course - VTU | web development | Unpaid | 15 weeks |
| 80 | Mridula N Sankol | 1BY21EC090 | LYD Technologies | IT Software | Unpaid | 15 weeks |
| 81 | Mridula N Sankol | 1BY21EC090 | LYD Technologies | IT software | Unpaid | 15 weeks |
| 82 | Namita Shashikant Kulagod | 1BY21EC091 | Nihon Communication PVT Ltd bangalore | Embedded C and IOT | unpaid | 3 months |
| 83 | Namitha L | 1BY21EC092 | Moxo Solutions | Worfkflow Automation | Paid | 6 months |

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| 84 | Narean R | 1BY21EC093 | Janani Electricals | Electrical Commissioning | Paid | 7 Months |
| 85 | Niharika Raghu | 1BY21EC095 | SAP Labs | IT software | Paid | 6 months |
| 86 | Nimish kumar | 1BY21EC096 | zetacoding innovative solutions | Mern stack developer | unpaid | 15 weeks |
| 87 | Niranjan R | 1BY21EC097 | Take IT Smart pvt Ltd | Embedded Systems | unpaid | 15 weeks |
| 88 | Om Narayan | 1BY21EC099 | Marine Edge Technologies Pvt Ltd | IT software | Paid | 4 Months |
| 89 | Pavan Sai Rommala | 1BY21EC103 | VLSIGuru | Vlsi | Unpaid | 6 months |
| 90 | Prabhu Amit Ravindra | 1BY21EC105 | Take it smart pvt Ltd | full stack web developer intern | unpaid | 15 weeks |
| 91 | Pragathi G | 1BY21EC106 | LYD Technologies | IT software | Unpaid | 15 weeks |
| 92 | Pranav S | 1BY21EC107 | eMudhra Limited | .NET Software Development | Paid | 8 Months |
| 93 | Pratik P Pujari | 1BY21EC109 | IT Infotech | Software Development | Unpaid | 6 Months |
| 94 | Pulkit Bansal | 1BY21EC111 | Leapsquare Labs | Web developer | unpaid | 15 weeks |
| 95 | Punitha R | 1BY21EC112 | Adamma Info Services Pvt Ltd. | IT software | Unpaid | 15 weeks |
| 96 | R Karthikeya | 1BY21EC114 | Bharat Electronics limited (BEL) | overview on Military Radar | unpaid | 3 months |
| 97 | Rachana Kulkarni | 1BY21EC116 | Global Quest Technologies | IT Software | Paid | 15 Weeks |
| 98 | Rachana M | 1BY21EC117 | LYD technologies | Algorithmic Trading | unpaid | 15 weeks |
| 99 | Rahul A Joshi | 1BY21EC118 | SS Instruments | Testing and Calibration of Test Equipment | Unpaid | 15 weeks |
| 100 | Raj Roshan | 1BY21EC120 | Rooman Technologies | Application Developer Web and Mobile | unpaid | 15 weeks |
| 101 | Rakshit S Pattar | 1BY21EC121 | Sonata Softwares | AI/Ml | Paid | 6 Months |
| 102 | Ram Kumar | 1BY21EC122 | Tata motors | automotiive | unpaid | 4 months |
| 103 | Rinthu Sathish | 1BY21EC125 | Rooman technologies | AI-Data Analytics | Unpaid | 15 Weeks |

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| 104 | Rohit Chavan M | 1BY21EC127 | Mitra Foundation Trust | Software development | Paid | 15 weeks |
| 105 | Roshan H V | 1BY21EC128 | Ojas pvt Ltd. | Software hospitality management | unpaid | 15 weeks |
| 106 | Samhitha V Hebbale | 1BY21EC131 | GalaxE Solutions | IT software | Unpaid | 15 weeks |
| 107 | Sanda Sai Teja Maruthi | 1BY21EC132 | VLSIGuru | Vlsi | Unpaid | 6 months |
| 108 | Sandeep R | 1BY21EC133 | Nihan Solutions | Cybersecurity | unpaid | 15 weeks |
| 109 | Sandeepthi Nayak U | 1BY21EC134 | Schneider electric | Project management | paid | 3 months |
| 110 | Sanya Kumari | 1BY21EC136 | Blackhawk Network (India) | IT software | Unpaid | 6 Months |
| 111 | Sathwik Todalbagi | 1BY21EC137 | CMTI | Communucaiton | Unpaid | 3 months |
| 112 | Satyanarayan Prashar | 1BY21EC139 | SAP Concur | Automation Developer Intern | Paid | 6 Months |
| 113 | Saurav Mishra | 1BY21EC140 | ZFA labs Pvt ltd | software developer | unpaid | 4 months |
| 114 | Shashank Chandrashekar Panthangi | 1BY21EC141 | Jenu Digitech Labs Pvt Ltd | IT software | unpaid | 15 weeks |
| 115 | Shashank V S | 1BY21EC142 | Rooman Technologies | web development | unpaid | 3 months |
| 116 | Shoaibul Hoque | 1BY21EC143 | Rooman Technologies | Application Developer Web and Mobile | unpaid | 15 weeks |
| 117 | Shreya Girish | 1BY21EC144 | AVIN Systems | IT Software | unpaid | 6 Months |
| 118 | Shreyas Somashekhar | 1BY21EC145 | Tessolve Semiconductor Pvt Ltd | VLSI | Unpaid | 4 months |
| 119 | Sirisati Yashwanth | 1BY21EC148 | YSL Enterprises | IT Software | unpaid | 15 weeks |
| 120 | Sourabh K H | 1BY21EC150 | Eurofins IT Solutions India Pvt. Ltd. | IT Software | unpaid | 3 months |
| 121 | Spandan S Salimath | 1BY21EC151 | Marmon Technologies (GIC) | Data Engineering (IT) | Paid | |
| 122 | Spoorthi M U | 1BY21EC152 | ZetaCoding innovation | IT software | unpaid | 15 weeks |
| 123 | Sristi Murthy A G | 1BY21EC153 | NEOFRIDAY – TECHNOLOG | Data Analyst | unpaid | 6 months |

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| 124 | Suhas BS | 1BY21EC154 | GalaxE solutions | IT software | unpaid | 3 months |
| 125 | Sushmitha N | 1BY21EC155 | Native Dream Technologies Pvt Ltd | IT software | Unpaid | 4 months |
| 126 | Swapnil Nayak | 1BY21EC156 | Axcend Automation and Software Solutions | IT Software | Unpaid | 3 months |
| 127 | Swaroop N | 1BY21EC158 | Oracle Solutions Services India (CSS) | Cloud | paid | 21 weeks |
| 128 | T J Sudharshan Kumar | 1BY21EC159 | XSOC Technologies Pvt. Ltd. | Analog VLSI | Paid | 4 months |
| 129 | Tanvi Mahantesh Wali | 1BY21EC161 | Rooman Technologies | IT software | Unpaid | 15 weeks |
| 130 | Tarun D N | 1BY21EC162 | online skill enhancement course - vtu | technical course | unpaid | |
| 131 | Taslim Raza | 1BY21EC163 | Rooman Technologies | cloud application developer | unpaid | 15 weeks |
| 132 | Tejas B Gowda | 1BY21EC164 | WebFrog IT Services | Website design and Internet marketing | Unpaid | 3 months |
| 133 | Tejus E | 1BY21EC165 | Rooman Technologies | IT Software | unpaid | 15 weeks |
| 134 | V S Ujwal Yadav | 1BY21EC167 | Rooman Technologies, Rajajinagar | Network security and cybersecurity | Paid | 6 months |
| 135 | Vaibhav Darshan Makam | 1BY21EC168 | Marmon Technologies (GIC) | Data Engineering (IT) | Paid | |
| 136 | Veenashree S R | 1BY21EC169 | Sidvin Outotec Engineering Private Limited | Instrumentation | paid | 3 months |
| 137 | Vidhisha gouthami G P | 1BY21EC170 | Hitachi energy india ltd | Testing | Paid | 15 weeks |
| 138 | Vinayak Benal | 1BY21EC171 | Amazon Web Services (AWS) | Cloud Computing | paid | 4 Months |

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|---|---|---|---|---|---|---|
| 139 | Vinod Nadagoudar | 1BY21EC172 | Rooman Technologies | Cloud application developer | unpaid | 15 weeks |
| 140 | Vishnu Gowda H P | 1BY21EC174 | WebFrog IT Services | Website design and Internet marketing | Unpaid | 3 months |
| 141 | vishwas p | 1BY21EC175 | online skill enhancement course vtu | skill enhancement | Unpaid | 15 weeks |
| 142 | Vivek Kumar | 1BY21EC177 | In time tec | cybersecurity | paid | 6 months |
| 143 | Yashaswini Krishna M | 1BY21EC178 | Rooman Technologies | IT Software | Unpaid | 15 weeks |
| 144 | Yogesh B N | 1BY21EC180 | Nihon Communication PVT Ltd bangalore | Embedded C and IOT | unpaid | 3 months |
| 145 | Yogitha H N | 1BY21EC181 | WebFrog IT Services | Website design and Internet marketing | Unpaid | 3 months |
| 146 | Yukthi N | 1BY21EC183 | Infosys | IT Software | unpaid | 15 weeks |
| 147 | Chandan E | 1BY21EC184 | Rooman Technologies | application develper | Unpaid | 15 weeks |
| 148 | Shreya Bakshi | 1BY21EC185 | Addit Labs | IT Software | Unpaid | 3 months |
| 149 | Aashabi | 1BY22EC400 | Centum Electronics | PCB designing | paid | 15 weeks |
| 150 | Bhargav S Hegde | 1BY22EC401 | Alt digital Technology | IT Software | unpaid | 4 months |
| 151 | Chetan Kumar M B | 1BY22EC402 | Mitra Foundation Trust | Software development | Paid | 15 weeks |
| 152 | chethan kumar c | 1BY22EC403 | MIFRATECH OPC PVT LTD | ML in Python | unpaid | 15 weeks |
| 153 | Deekshith Naik C | 1BY22EC404 | Rooman Technologies | skill enhancement | unpaid | 15 weeks |
| 154 | Sangeetha K C | 1BY22EC405 | Centum Electronics | PCB designing | Paid | 15 weeks |
| 155 | Nithin AR | 1BY22EC406 | Tech Nexi | cybersecurity, cloud computing | unpaid | 15 weeks |
| 156 | Pavan K R | 1BY22EC407 | TATA Electronics Systems Solutions | electronics manufacturing and service | paid | 4 months |
| 157 | Pavithra R | 1BY22EC408 | Toyota | Automotive | upaid | 15 weeks |
| 158 | Pavithra R | 1BY22EC408 | Centum Electronics Limited | Testing | Paid | 15 weeks |

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|---|---|---|---|---|---|---|
| 159 | Rachana P B | 1BY22EC409 | Centum Electronics Limited | Testing | Paid | 15 weeks |
| 160 | C Sharon Theres | 1BY22EC410 | Entuple | Vlsi | Unpaid | 15 weeks |
| 161 | Shashank N | 1BY22EC411 | Besant technologies | IT Software | Unpaid | 6 month's |
| 162 | Shreedhar J Durgannavar | 1BY22EC412 | Tata Electronics Systems Solutions | electronics manufacturing and service | Paid | 4 Months |
| 163 | Sukruth KR | 1BY22EC414 | Infosys | cyber security | unpaid | 15weeks |
| 164 | Syeeda Ameena | 1BY22EC415 | Qorix (KPIT) | Software development | Paid | 6 months |
| 165 | Tanushree D G | 1BY22EC416 | IIIT - Bangalore(K-VLSI) | VLSI | Unpaid | 6 months |
| 166 | Vinayak Katwa | 1BY22EC417 | NOKIA Solution Network | Testing | Paid | 9 Months |

## Industrial visits organized:

| Sem and date of visit | Place of Visit | Number of students participated | Objective | Course mapping |
|---|---|---|---|---|
| IV,<br><br>April 3, 2025. | Mahatma Gandhi Institute of Rural Energy and Development, Jakkur, Bengaluru India.<br><br> | 40 | To provide sustainable development practices and hands-on experience of rural energy systems to students<br>To explore MGIRED's work in renewable energy technologies and sustainable rural development.<br>To learn from the institute's expertise and projects related to energy conservation, solar power, and waste management. | Green Technologies (21EC63) , Social connect and responsibility (BSCK307) |

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| V,14th February 2024 | K – Tech Innovation Hub, Rajajinagar. A total of 42 students. Fig.2.5 shows students at Ktech Innovation Hub, Rajajinagar.<br> | 42 | Students were explained about the various initiatives undertaken by The Government of Karnataka to promote Entrepreneurship among the youth and graduates of the state. | M&E(21EC55) |
| IV, 27th July 2023. | Central Silk Technological Research Institute (CSTRI) Madivala, Bangalore.<br> | 35 | This visit was mainly focussed on to understand the procedures involved in extracting the Silk fibers from the Silkworm cocoons | Social connect and responsibility, (BSCK307)<br>Project Work (BEC606) |

## Partial delivery of courses from industry experts:

In order to enhance industry institute partnerships, several strategic initiatives have been undertaken. Industry experts are regularly invited for partial delivery, technical talks, and as members of curriculum advisory boards to ensure alignment with current trends.

| SL. No. | Title of the partial delivery | No. of students participated | Date and duration | Resource Person | Course mapping |
|---|---|---|---|---|---|
| 1. | Cyber Security in Metaverse | 70 | 07/04/2025 2Hrs | Dr. Hossam Mohamed, Professor of Criminal Branch and Investigation, Head of Police Management Department, Dubai Police Academy | Cyber and Intellectual Property Law (21AEC52) |
| 2. | Orientation on QNX RTOS for embedded applications | 130 | 03/06/2025 2 Hrs | Srinivas Raju, CEO, Pi Square Technologies | Real Time Operating System- QNX (BEC505F) |
| 3. | Emerging vistas of remote sensing tools in bee pollination studies | 45 | 14-05-2024 2 Hrs | Dr Amala Udayakumar, Senior Scientist (Entomology), ICAR-National Bureau of Agricultural Insect Resources, HA Farm Post, PB No 2491, Bellary Road, Hebbal Bengaluru 560024 | Image processing, Satellite communication (201EC732) |
| 4. | Digital Transformation in the HealthCare Industry | 120 | 2Hrs | Ms. Remy Alexander, Head of Digital Service Experience, Healthcare IT, Philips | IoT Applications (BEC358D) |

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| 5. | Cybercrime awareness and Digital Bank Services | 180 | 2Hrs | Mr. Sheshant Kumar<br>Chief Manager<br>Learning head<br>Baroda Academy, Bangalore<br>Smt. Shylaja R<br>Senior Manager<br>Chief Operating Officer<br>Bank of Baroda<br>Digital Banking Unit<br>Gangamma Circle | Cyber and Intellectual Property Law (21AEC52) |
| 6. | Universal Human Values | 100 | 2 Hrs | Ms. Lavanya,<br>Disha Bharath foundation | UHV (BESCK507) |