

Yes. Institute has created an eco system for innovations, creations and transfer of knowledge supported by dedicated centres for research, entrepreneurship and Incubation . It has established nine cell/centre/ labs /Clubs such as Entrepreneurship Development Cell, MSME Incubation Cell , Institution Innovation Cell (IIC), AICTE IDEA Lab, Brain Tech Incubation Centre, Texas Instruments Innovation Lab, Centre of Excellence for Machine learning, Start-up Club and Innovation Club to create the required ecosystem.

**Entrepreneurship Development Cell** - The ED Cell of Bhilai Institute of Technology, Durg plays important role to identify entrepreneurial ability of students and directs them to establish their own enterprise in various sectors. ED cell has been established in the year 2006 sponsored by AICTE The cell intends to develop the economy scale by promotion of entrepreneurship. Thus, EDC aims to create a platform for its members to emerge as successful entrepreneurs by converting students from job seekers to job providers. Eminent industrialists and promising entrepreneurs are often invited to motivate the young students. The successful alumni of BIT, Durg pursuing the entrepreneurial route also encourage our students through frequent interactions.

**MSME Incubation Cell** - The College also has an Incubation Cell approved by Ministry of Micro, Small & Medium Enterprises (MSME), Government of India to provide incubation support to the budding entrepreneurs. The Institution provides mentoring support, office space and testing facilities to the start-ups to take their creative ideas to the market.

**Institute Innovation Cell (IIC)** - IIC of BIT, Durg was established to systematically adopt the culture of Innovation among the students across various departments inside the Institute. Ministry of Human Resource Development (MHRD) has established Institution Innovation Council among all Higher Education Institutions. The focus of IIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes. It is noteworthy to mention that BIT, Durg has been given 3.5 out of 4 stars by MHRD during the year 2021 and 2022.

Students are encouraged to participate in National Hackathons and various national level challenges posed by Government and Private agencies. All the students are guided to participate in Smart India Hackathon (SIH), GOI in order to improve their skills and face challenges to build innovation models. It is significant to mention that the team of BIT, Durg - TEAM VISMAYA (Team leader- Sanskriti Harmukh, Team Members-Adiba Noor, Saurabh K Yadav, Chaitanya Rao, Priyal Tiwari, Raghav Joshi, Team mentor- Monika Arya) received 1st prize in Smart India Hackathon 2022 organized by AICTE & Ministry of Innovation, Govt. of India. They received Prize money of Rs. 1.0 Lakh and they have presented the solution for the problem statement put up by Ministry of Culture, Govt. of India.

Institute has also hosted Smart India Hackathon 2022 (Hardware Edition) organized by Ministry of Innovation (MIC) and AICTE, GOI.

BIT, Durg has been recognized for its Innovation activities at the national level. Institute has received Utkrith Sansthan Viswakarma Award 2020 under the category of developing products to fight CoVID 19. Student Akansha Shrivastava also received the Chhatra Vishwakarma Award 2020 for developing an innovative product MEDIROBOT. BIT, Durg has been ranked in ARIIA-2021 in the Band Performer under Colleges/Institutes (Private / Self-Financed) (Technical) by Ministry of Education, Government of India.

**AICTE IDEA (Idea Development, Evaluation & Application) Lab** – In a mission to transform technical education by empowering young minds with cutting-edge tools, processes and skills for Atmanirbhar Bharat, AICTE has established IDEA Lab in BIT, Durg in the year 2021. In central region BIT Durg is the

first Institute to be selected to establish IDEA Lab. As a common facility embedded in the institution, the IDEA Lab will make engineering graduates more imaginative and creative, besides getting basic training in the 21<sup>st</sup> century skills like - critical thinking, problem solving, design thinking, collaboration, communication, lifelong learning etc. IDEA Lab provides all facilities under one roof, for conversion of an idea into a prototype. With these facilities available 24x7 in the campus, more students and faculty are encouraged to take up creative work and, in the process, get training on creative thinking, problem solving, collaboration etc. which conventional labs are not focussing on.

**Texas Instruments Innovation Centre** : Texas Instruments innovation centre has been established at BIT, Durg to provide the necessary lab facilities required from basics to the advanced equipments required to promote innovation.

**BrainTech Incubation Centre** : The BrainTech Incubation Centre is established in association with Alumni of the Institute. The incubation centre provides the required industry mentorship to the students aspiring for entrepreneurship from the stage of nurturing their ideas to product development and initiating their startups. The BrainTech Incubation Centre is presently mentoring ten students team.

**Innovation Club** - Institute innovation club aims to equip students with the required skill-sets and bring up their innovative side by giving them a chance to convert their idea into a product through proper training and experience. Innovation club helps to transform ideas into innovation and bring out the entrepreneurial spirit in students thus making them self-reliant and ready for the competitive world.

**Start-up Club** - Institute start-up club aims to provide a great platform for students having great business, creative and innovative ideas to accomplish it with the help of club's guidance and support. Start-up club was started with a mission to provide a platform to help students with great ideas to succeed with the help of proper assistance and training. Start-up club provides vast opportunities for the students to get their ideas turn into a reality and to build interest towards Innovation, Creation and Technology.