



An Autonomous Institute
 Affiliated to VTU, Belagavi
 Approved by AICTE, New Delhi
 Recognized by UGC under 2(f) & 12 (B)

Skill Development Programmes (First Year)

Academic year 2025-2026

The Skill labs Facilities provided to all students over the period of B.E course (4 years / 3years), with the fee payable in annual installments alongside the tuition fee.

The initiative begins with foundational Skill Development programs in the first year, followed by mandatory credit-based skill development labs from the second year through the final year.

For the academic year 2025-26, the Skill Development programs for first-year students, which are conducted outlined below.

A: Personality development and Communication skills

Sl.No	Particulars	Date
1	Toastmaster program	12.09.2025
2	An expert lecture titled "Roadmap To a Successful Engineer"	19.11.2025
3	Physics Concept Photography Competition	13.12.2025
4	A poster presentation competition on "Smart Polymers"	16.12.2025
5	A session on "Leadership Qualities."	23.03.2026
6	Video-making competition	02.06.2026

B: Emerging Technology

Sl.No	Particulars	Date
1	An industrial expert lecture titled "Introduction to Machine Learning and Applications"	13.12.2025
2	Workshop on "AI tool and application"	27.02.2026
3	Workshop on "AI in communication and signal processing"	25.02.2026
4	A workshop on "Web Design"	28.02.2026
5	Workshop on "AI based automated boat design"	14.03.2026
6	An industrial expert lecture titled "Introduction to Cryogenic Systems"	26.05.2026

C: Technical Development

Sl.No	Particulars	Date
1	Introduction to the different skill labs (Idea Box, TE, Tinkering lab, UAV, Astronomy lab, IoT, FSIPD, SD, LabVIEW and CNC lab)	09.09.2025 to 10.09.2025
2	An expert lecture titled "Applications of Differential equations in the reconstruction of 3D objects from 2 D image "	25.10.2025
3	An industrial expert lecture titled "Introduction to solar cells and energy harvesting system"	11.11.2025
4	An expert lecture on the topic "Polymers in Daily Life"	16.12.2025
5	Workshop on “ IDP projects”	24.02.2026
6	An expert lecture titled "applications of numerical methods in Engineering "	05.04.2026
7	An expert lecture titled " Graph theory and its applications in Engineering "	05.04.2026
8	An industrial expert lecture titled "Radio Astronomy"	30.05.2026
9	Invited talk on "Polymers for Functional Applications"	02.06.2026

D: Aptitude Skill

Sl.No	Particulars	Date
1	A quiz competition titled "Maths Master"	25.10.2025
2	Physics Puzzle Competition	11.11.2025
3	A quiz competition titled "Code Maths"	05.04.2026
4	A quiz titled "Math Mapping Treasure"	15.04.2026