CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Department of ECE

Analysis of Program Exit Survey 2022-23 Batch

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Action Plan for achieving the set target for 2023-2024 Batch

Out of 199 students of outgoing batch of 2023, 193 students have submitted the program exit survey feedback.

Maximum scale of rating for questions is '5'.

S.No	Parameter			Target Level (2023 Batch)	Attainment Level (2023 Passed Out Batch)	Target Level (2024 Batch)	Action Plan
1	8. What is your satisfaction level in associating with CBIT?			3.9	3.6	3.9	Planned for effective involvement of students in various clubs.
2	11. Feedback on Infrastructure and Common Facilities	11.1.	Laboratory facilities	3.9	3.7	3.9	Labs will be augmented with new equipment (proposed in the budget FY2023-24)
		11.2.	Computing facilities	4.0	3.9	4.0	IoT Lab is planned to establish. HFSS and Proteus like software are planned to purchase.
3	12. Training & Placement,	12.1.	Career Counselling & Guidance for higher studies	3.6	3.2	3.6	More seminars on career guidance are planned by CDC.

	Career Development and Co & Extra Curricular activities.		provided.				
		12.2.	Co and Extra Curricular opportunities provided.	**3.7**	**3.7**	**3.8**	Attaining of activity points is mandatory in R-20 and R-22 curriculums.
		12.3.	Motivation towards Research & Development(R&D)	3.6	3.4	3.6	Annual events such as Research Day and Synapse (SUDHEE) are being conducted. Students are encouraged to publish research papers from mini and major projects carried out.
4	Curriculum and Syllabus			3.8	3.6	3.8	Updating the curriculum every two years keeping in mind the latest trends and industry need.
5	To what extent you are able to apply the knowledge of mathematics, science, engineering fundamentals for the solution of complex engineering related problems? (PO1)			3.9	3.7	3.9	In R-22 PTSP course is added.
6	To what extent you are able to identify/formulate complex engineering problem and design Engineering based solutions? (PO2)			3.9	3.7	3.9	In each lab course, experiments are designed to address structure and open-ended enquiry. One or two Virtual lab experiments are included in R-22.
7	To what extent you are able to design solutions for complex engineering problems and design system components that meet the specified needs for public health, safety, cultural, societal and environmental considerations? (PO3)			3.8	3.7	3.8	Students will be encouraged to participate in Hackathons, project EXPO and Interdisciplinary projects.
8	To what extent you are able to use research-based knowledge/ methods to analyse/ interpret/ design/ synthesize in your project to provide valid conclusions. (PO4)			3.9	3.7	3.9	Students will be made involved in professional clubs such as IEEE, MoI and ISF. Students are continuously encouraged to refer research journals and publish research papers while

					doing mini and major projects. HAM Radio club is planned to start.
9	To what extent you are able to create, select appropriate techniques and modern engineering/ IT tools to model complex engineering activities? (PO5)	3.8	3.7	3.8	HFSS and Proteus software are planned to purchase.
10	To what extent you are able to apply acquired knowledge to environment/societal benefits/health and cultural for consequent responsibilities relevant to the professional engineering practice? (PO6)	3.9	3.7	3.9	Students will be encouraged to develop several projects for societal benefits through various professional clubs such as MoI, ROBOTICS and NSS Club.
11	To what extent you are able to understand the impact of the professional engineering solutions in societal and environmental contexts for sustainable development? (PO7)	3.9	3.7	3.9	Webinars/ Seminars will be conducted to create awareness about importance of professional engineering solutions in societal context to achieve SDGs through ACIC.
12	How much aware are you regarding the professional ethics and norms of the engineering practice? (PO8)	3.9	3.7	3.9	Webinars/ Seminars will be conducted on IPR and copyrights to create awareness about professional ethics. Uses of plagiarism check software for technical reports and assignments is made mandatory.
13	How efficient do you think you are able to work as an individual/ as a team member / as a leader? (PO9)	4.0	3.9	4.0	Students are grouped for carrying out major projects and assignments. Students are encouraged to plan and organize various activities such as SHRUTI, SUDHEE and other professional activities through IEEE, ISF and etc. professional clubs.
14	To what extent you are able to comfortably communicate your ideas in written/oral with engineering community/society in general? (PO10)	4.0	3.8	4.0	Communication/ Employability skills course is mandatory. Students have to give technical Seminars and project reviews time to

					time.
15	How well do you think you are able to demonstrate knowledge and applied management principles to manage the projects as a member/ leader in multidisciplinary environments? (PO11)	4.0	3.8	4.0	Students will be made involved in several interdisciplinary projects through I&I cell of R&E Hub.
16	How do you rate your zeal for independent/ life-long learning in the context of rapid technological changes? (PO12)	4.0	3.8	4.0	Professional body and HAM Radio Club membership drives will be conducted. Webinars/ Seminars/ Guest lectures/ workshops/ training programs will be organized to bring awareness about rapid technological changes.
17	To what extent you are able to demonstrate the knowledge and understanding of concepts of Electronic design, Signal processing techniques and Communication principles?(PSO1)	3.8	3.7	3.8	It is made mandatory to do at least three summer internships. Students will be encouraged to develop and demonstrate several mini projects/ projects in ECE domain. Students are encouraged to visit industries and take up relevant projects. Students will be encouraged to participate in conferences and project EXPOs. Industry visit to NARL is planned.
18	To what extent you are able to use appropriate techniques, resources and hardware and software tools for designing the various electronic systems?(PSO2)	3.9	3.7	3.9	HFSS and Proteus software are planned to purchase. IoT lab will be established. Students are encouraged to develop several projects with the help of various hardware and software tools through professional clubs. Further in each lab, experiments related to structured and open ended inquiry are

					included.
19	To what extent you are able to analyse, synthesize and test the systems of electronics and communication used in peace as well as war applications? (PSO3)	3.9	3.7	3.9	Students are encouraged to visit R&D labs and industries. Participate in various intensive courses in association with Defense labs to analyze, synthesis and test electronic systems.

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HOD, ECE