



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

Autonomous Institute | Affiliated to Osmania University

Departmental Committees - Constitution and Responsibilities

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING REVISED COURSE EXPERT GROUP (CEG) – R26

Objective: To contribute to the effective implementation of pedagogical approaches and assessment tools identified by PAQIC, DAB and other regulatory bodies.

Composition: Course experts from the specified set of courses chaired by senior faculty among them.

Meeting Frequency: Minimum one time in a semester. Beginning of the semester, after the first Class Test, after external examinations results are published (for results analysis, computation of CO attainment) and also whenever required.

Tenure: Three years

Quorum: 60%

Roles and Responsibilities:

1. Defining, Reviewing and Reframing the Course Outcomes based on Blooms Taxonomy for all the specified Courses.
2. Framing of Course Articulation matrix (CO-PO mapping).
3. Computation of CO attainments.
4. Design of assessment tools suitable for the specified courses, Results analysis and preparing the action plan for improvement of Results.
5. Conducting Course End Survey, analysis and identify actions to be taken for improving pedagogical approaches.
6. Identifying Curriculum gaps by observing CO-PO attainment levels of previous batches.
7. Question paper validation to ensure the desired standard from outcome attainment perspective as well as learning levels perspective.
8. Setting course wise CO attainment targets before the beginning of the semester.
9. Maintenance of Course Files.
10. Preparing Action plans for improvement and corrective measures.
11. Prepare and submit periodic reports (Before the commencement and at the end of each semester) to the Program Assessment Quality Improvement Committee (PAQIC) about the activities carried out.

Deliverables: Submit Reports to PAQIC on Effectiveness of TLP in terms of:

1. Revision of Course Outcomes
2. Course Outcome attainment
3. Gaps identified, actions taken and their effectiveness
4. Setting course wise CO attainment targets
5. Suggestions for subsequent Curriculum Revision

Chaitanya Bharathi Institute of Technology

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S. No.	Course Specialization	Course	Name	Designation
1	Emerging Technologies - I	1. Natural Language Processing and Text Analysis (Theory and Lab) 2. Foundations of Artificial Intelligence (Theory and Lab) 3. Machine Learning: Algorithms and Applications (Theory and Lab) 4. Deep Learning Essentials(Theory and Lab) 5. Nature Inspired Algorithms	Dr. T.Sridevi	Chair Person
			Mrs. Alibha Patel	Member
			Mr. K Sai Prabhanjan Kumar	Member
			Mr. J Sai Pavan	Member
			Dr. I Srujana	Convener
2	Emerging Technologies -II	1. Social Network Analysis 2. Extended Reality 3. Computational Neuro Science 4. Quantum Computing : Principles and Applications 5. Mobile Application Development 6. Introduction to IoT and its Applications (Theory and Lab)	Dr. Kolla Morarjee	Chair Person
			Sri B. Ramadasu	Member
			Dr. K. Spandana	Member
			Ms. D. Meenakshi	Member
			Dr. Uma Maheswari V	Convener
3	Networks	1. Computer Networks (Theory and Lab) 2. Information Security (Theory and Lab) 3. Cyber Security 4. Cyber-Physical Systems 5. Fundamentals of Cyber Security (OE)	Prof. Raman Dugyala	Chair Person
			Dr. V. Padmavathi	Member
			Sri. A Mohan	Member
			Dr. Ravi Uyyala	Convener
4	System Software and Computation	1. Computer Organization and Architecture 2. Theory of Computation 3. Operating Systems (Theory and Lab) 4. Compiler Design (Theory and Lab)	Dr. G Vanitha	Chair Person
			Dr. M Venkata Krishna Reddy	Member
			Sri. K.Kiran Prakash	Member
			Smt. Isha Padhy	Convener
5	Software Engineering and alike	1. Software Engineering (Theory and Lab) 2. User Interface and User Experience Design 3. Software Metrics and Project Management 5. Software Testing and Validation (Theory and Lab) 6. Introduction to Software Engineering (OE)	Dr. T Suvarna Kumari	Chair Person
			Prof. S. China Ramu	Member
			Sri. D Venkatesh	Member
			Smt. Anitha Gali	Member
			Dr. Anila	Convener

S. No.	Course Specialization	Course	Name	Designation
6	Computing Technologies	1. Discrete Structures	Prof. M.Swamy Das	Chair Person
		2. Digital Logic Design	Smt. E Kalpana	Member
		3. Web Programming (Theory and Lab)	Smt. S. Durga Devi	Member
		4. Cloud Computing Essentials	Smt. E. Swathi	Member
		5. Web Intelligence and Algorithms	Smt. B.Deepthi	Member
		6. Full Stack Development (Theory and Lab)	Sri. J.Shiva Sai	Member
		7. Introduction to Web Technologies (OE)	Mr. K Rakesh	Member
		8. Parallel and Concurrent Programming	Smt. Ch. Madhavi Sudha	Convener
		9. High Performance and GPU Computing		
		10. Fundamentals of Cloud Computing (OE)		
7	Programming Languages	1. Problem Solving and Programming using C (Theory and Lab)	Prof. R. Ravinder Reddy	Chair Person
		2. Data Structures using C (Theory and Lab)	Smt. A Sangeetha	Member
		3. Python Programming (Theory and Lab)	Smt. Deepika	Member
		4. Design and Analysis of Algorithms(Theory and Lab)	Ms. S. Siva Lovalakshmi	Member
		5. Object Oriented Programming using Java (Theory and Lab)	Mr. O Venkata Suresh	Member
		6. Latex Workshop	Mr. B Saikumar	Member
		7. Fundamentals of Java Programming(OE)	Dr. B. Ramana Reddy	Convener
		8. Python Programming Workshop (for other Depts.)		
		9. Data Structures using Python(T&L)(for Biotech)		
		10. Introduction to Data Structures using C(T&L)(for EEE)		
8	Data Science	1. Database Management Systems (Theory and Lab)	Dr. E. Padma Latha	Chair Person
		2. Data Visualization Techniques and Design	Smt. Ch Vijaya Lakshmi	Member
		3. Optimization Techniques	Sri. Venkata Siva Rao. Alapati	Member
		4. Big Data Analytics	Sri. K. Kishore Kumar	Member
		5. Predictive Analytics and Modelling	Mr. D Sai Vishnu	Member
		6. Introduction to Database Management Systems (OE)	Dr. G Kiran Kumar	Convener

S. No.	Course Specialization	Course	Name	Designation
9	Essentials	1. NPTEL Certification	Prof. Raman Dugyala	Chair Person
		2. Up Skill Certification-I		
		3. Internship-I / NPTEL Certification / Industry Certification	Prof. S. China Ramu	Member
		4. Mini Project	Prof. M.Swamy Das	Member
		5. Up Skill Certification-II	Prof. R. Ravinder Reddy	Member
		6. Project Part – I		
		7. Internship-II (Industrial Internship/Rural Internship/ Academic Internship/ Research Internship)	Dr. T. Sridevi	Member
		8. Project Part - II	Mr. G Pranay	Member
			Sri. A Mohan	Convener

Note: Kindly invite the faculty who have handled the courses in three consecutive years or three times in a period of last six years while preparing the syllabus.

Over all Coordinator of CEG groups:

Dr. M. Venkata Krishna Reddy

Date: 08-09-2026

S. Chandra

Chairperson,
BOS (CSE Dept.)

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