Yashoda Shiskshan Prsarak Mandal's
Yashoda Technical Campus
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Faculty of Engineering

Department of Computer Science and Engineering

Academic Year 2024-25 Semester- Even

Structure of Course:

Class	TY B.Tech. Sem. VI
Course Code and Course Title	Competitive Programming Laboratory BTCOL606
Prerequisite/s	Programming Concept
Teaching Scheme: Lecture/Tutorial/Practical	01/00/02
Credits	1
Evaluation Scheme: CA/ESE	60/40

Course Outcomes:

Course Outcomes (COs): Upon successful completion of this course, the student will be able to:		**Blooms Level**
BTCOL606_1	Learn to implement various Programming Challenges by Choosing different Programming Languages	**L3**
BTCOL606_2	Implement various searching and sorting Algorithms, Arithmetic and Algebra technique to solve real-world problems	**L3**

Mapping of COs with POs and PSOs:

Course Outcomes (COs)	**Program Outcomes (POs)**													
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**PSO 1**	**PSO 2**
BTCOL606_1	3	3	2										2	1
BTCOL606_2	2	3	3										3	2
Total	**5**	**6**	**5**										**5**	**3**
Average	**2.5**	**3**	**2.5**										**2.5**	**1.5**

CO Attainment Targets:

CO	**306_1**	**306_2**
Previous Attainment	**3.0**	**3.0**
Target for CAY	**3.0**	**3.0**

Prepared by
Course Coordinator

Verified by
Academic Coordinator

Approved by
HOD CSE

Vision of the Department
To lead in technical, quality education, innovation, research for development of sustainable & inclusive technology for the society.

Mission of the Department
M1: To create ambience of academic excellence through state of art infrastructure.
M2: To create student-centric pedagogy that will lead to employability.
M3: To create a software engineering professional with knowledge of multidisciplinary fields, can provide innovative products & service to society.
M4: To train and motivate the students for **lifelong learning**, employability & entrepreneurship.