Cummins College of Engineering for Women

(An autonomous institute affiliated to Savitribai Phule Pune University)
Karve Nagar, Pune - 411 052.

Vision
To be globally renowned engineering institute for imparting holistic education and developing professional women leaders in engineering and technology

Structure and Syllabus

of

T. Y. BTech
(Information Technology)

2023 Pattern [R0]

List of Abbreviations

Abbreviation	Title
PC	Programme Core Course
BSC	Basic Science Course
ESC	Engineering Science Course
PE	Programme Elective Course
OE	Open Elective
VSEC	Vocational and Skill Enhancement Course
CC	Co-curricular Courses / Liberal Learning Course
IKS	Indian Knowledge System
VEC	Value Education Course
RM	Research Methodology
INTR	Internship
PROJ	Project
CEP	Community Engagement Project
Mm	Multidisciplinary Minor
AEC	Ability Enhancement course

MKSSS's Cummins College of Engineering for Women, Pune
(An Empowered Autonomous Institute, affiliated to Savitribai Phule Pune University)

Curriculum for UG Degree Course in BTech. Information Technology
(Academic Year: 2025-26 Onwards)
Third Year | Semester-VI

Sr. No.	Course Code	Course Title	Teaching Scheme Hours /Week			Credits	Examination Scheme			Total Marks
			L	T	P		ISE	ESE	Pr/Or	
1	23PCIT601	Software Engineering	3	0	0	3	50	50	0	100
2	23PCIT602	Information and Cyber Security	3	0	0	3	50	50	0	100
3	23PCIT603	Data Science	3	0	0	3	50	50	0	100
4	23PCIT604	Cloud Computing and DevOps	3	0	0	3	50	50	0	100
5	23PEIT601	Programme Elective-II	3	0	0	3	50	50	0	100
6	23MmIT601	Multidisciplinary Minor Course 3	2	0	0	2	25	25	0	50
7	23PCIT602L	Information and Cyber Security Laboratory	0	0	2	1	25	0	25	50
8	23PCIT603L	Data Science Laboratory	0	0	2	1	25	0	25	50
9	23PEIT601L	Programme Elective-II Laboratory	0	0	2	1	25	0	25	50
10	23VSEC601	Programming Skills in DevOps Laboratory	0	0	4	2	50	0	0	50
		Total =	17	00	10	22	400	275	75	750

L=Lecture, T=Tutorial, P= Practical, Cr= Credits, ISE =In Semester Evaluation, ESE =End Semester Examination, Pr/Or = Practical/Oral

23PEIT601: Program Elective-II
- A. Deep Learning
- B. Animation and Gamification
- C. Blockchain

23PEIT601L: Program Elective-II Laboratory
- A. Deep Learning Laboratory
- B. Animation and Gamification Laboratory
- C. Blockchain Laboratory

23MmIT601: Multidisciplinary Minor Course 3
Green Data Center Design and Management