

**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

**F. Y. BTech**

**2023 Pattern [R1]**

## List of Abbreviations

Abbreviation	Title
PCC	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
RM	Research Methodology
Mm	Multidisciplinary Minor
AEC	Ability Enhancement course

**First Year**  
**Curriculum for UG Degree Course in BTech. Computer Engineering and Information**  
**Technology Programs (Academic Year: 2025-26 Onwards)**  
**Semester-I**

Course Code	Course Title	Teaching Scheme			Cr	Examination Scheme			Total Marks
		L	T	P		ISE	ESE	Pr/Or	
BSC102	Chemistry	3	0	0	3	50	50	0	100
BSC103	Linear Algebra and Univariate Calculus	3	1	0	4	50	50	0	100
ESC103	Sustainable Renewable Energy	3	1	0	4	50	50	0	100
ESC102	Basics of Electrical & Electronics Engineering	3	0	0	3	50	50	0	100
VSEC101L	Programming Skills in C Language Lab	0	0	4	2	25	0	25	50
BSC102L	Chemistry Lab	0	0	2	1	25	0	0	25
ESC102L	Basics of Electrical & Electronics Engineering Lab	0	0	2	1	25	0	0	25
CC102	Liberal Learning Course	1	0	2	2	50	0	0	50
<b>Total =</b>		<b>13</b>	<b>02</b>	<b>10</b>	<b>20</b>	<b>325</b>	<b>200</b>	<b>25</b>	<b>550</b>

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



APPROVED BY  
Secretary Academic Council  
MKSSS's Cummins College of Engineering  
For Women, Pune-411052



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Chairman Academic Council  
MKSSS's Cummins College of Engineering  
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