

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 Programmes
(Academic Year: 2026-27 Onwards)**

Semester-II

Course Code	Course Title	Teaching Scheme Hours / Week			Cr	Examination Scheme			Total Marks
		L	T	P		ISE	ESE	Pr/Or	
BSC101	Physics	3	0	0	3	50	50	0	100
BSC201	Multivariate Calculus	3	1	0	4	50	50	0	100
ESC101	Engineering Graphics	2	1	0	3	50	50	0	100
*PCCxx201	Programme core Course	2	0	0	2	25	25	0	50
IKS201	Indian Knowledge System	2	0	0	2	50	0	0	50
CC101	Social & Emotional Learning	1	1	0	2	50	0	0	50
AEC101	Professional Communication	1	0	2	2	50	0	0	50
BSC101L	Physics Lab	0	0	2	1	25	0	0	25
ESC101L	Engineering Graphics Lab	0	0	2	1	25	0	0	25
#VSEC201L	Programming Skills in Python/Java Language	0	0	4	2	25	0	25	50
Total =		14	03	10	22	400	175	25	600

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

*PCCCE201: Object Oriented Paradigms in Java

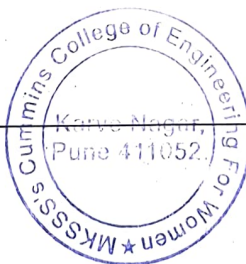
*PCCIT201: Networking Essentials

#VSEC201L: Programming Skills in Python Language for IT students

#VSEC201L: Programming Skills in Java Language for Computer Engineering students


APPROVED BY
Secretary Academic Council
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First Year Engg. Dept.