Index 1.2.1 Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented								
		Class Time Table (Lecture / Practical slots	49-52					
3184245	Bachelor of Computer Engineering	of elective subjects were highlighted)	69-72					
3104243		Syllabus / Scheme of the Programme	1-12					
		Class Time Table (Lecture / Practical slots	45-46					
3184900	Bachelor of Electronics & Computer Science	of elective subjects were highlighted)	60-61					
5184500	bachelor of Electronics & computer science	Syllabus / Scheme of the Programme	13-17					
		Class Time Table (Lecture / Practical slots	56-57					
3184612	Bachelor of Mechanical Engineering	of elective subjects were highlighted)	64-65					
5104012		Syllabus / Scheme of the Programme	18-26					
		Class Time Table (Lecture / Practical slots	54					
318299510	Bachelor of Artificial Intelligence & Data Science	of elective subjects were highlighted)	67					
510255510		Syllabus / Scheme of the Programme	27-34					
3184245 3184900 3184612 318299510	All Programmes	Honors and Minors Syllabus / Scheme	35-43					

AC – 11 July, 2022

Item No. – 6.41 (R)

Aníversíty of Mumbaí



Bachelor of Engineering

in

Computer Engineering

Second Year with Effect from AY 2020-21

Third Year with Effect from AY 2021-22

Final Year with Effect from AY 2022-23

(REV- 2019 'C' Scheme) from Academic Year 2019 – 20

Under

FACULTY OF SCIENCE & TECHNOLOGY

(As per AICTE guidelines with effect from the academic year 2019–2020)

University of Mumbai



Sr. No.	Heading	Particulars
1	Title of the Course	Fourth Year Engineering (Computer Engineering)
2	Eligibility for Admission	After Passing Second Year Engineering as per the Ordinance 0.6243
3	Passing Marks	40%
4	Ordinances / Regulations (if any)	Ordinance 0.6243
5	No. of Years / Semesters	8 semesters
6	Level	P.G. / U.G./-Diploma / Certificate (Strike out which is not applicable)
7	Pattern	Yearly / Semester (Strike out which is not applicable)
8	Status	New/ Revised (Strike out which is not applicable)
9	To be implemented from Academic Year	With effect from Academic Year:2021-2022

Dr. S.K.Ukarande Associate Dean Faculty of Science and Technology University of Mumbai Dr. Anuradha Muzumdar Dean Faculty of Science and Technology University of Mumbai

Preamble

To meet the challenge of ensuring excellence in engineering education, the issue of quality needs to be addressed, debated and taken forward in a systematic manner. Accreditation is the principal means of quality assurance in higher education. The major emphasis of accreditation process is to measure the outcomes of the program that is being accredited. In line with this Faculty of Science and Technology (in particular Engineering) of University of Mumbai has taken a lead in incorporating philosophy of outcome based education in the process of curriculum development.

Faculty resolved that course objectives and course outcomes are to be clearly defined for each course, so that all faculty members in affiliated institutes understand the depth and approach of course to be taught, which will enhance learner's learning process. Choice based Credit and grading system enables a much-required shift in focus from teacher-centric to learner-centric education since the workload estimated is based on the investment of time in learning and not in teaching. It also focuses on continuous evaluation which will enhance the quality of education. Credit assignment for courses is based on 15 weeks teaching learning process, however content of courses is to be taught in 13 weeks and remaining 2 weeks to be utilized for revision, guest lectures, coverage of content beyond syllabus etc.

There was a concern that the earlier revised curriculum more focused on providing information and knowledge across various domains of the said program, which led to heavily loading of students in terms of direct contact hours. In this regard, faculty of science and technology resolved that to minimize the burden of contact hours, total credits of entire program will be of 170, wherein focus is not only on providing knowledge but also on building skills, attitude and self learning. Therefore in the present curriculum skill based laboratories and mini projects are made mandatory across all disciplines of engineering in second and third year of programs, which will definitely facilitate self learning of students. The overall credits and approach of curriculum proposed in the present revision is in line with AICTE model curriculum.

The present curriculum will be implemented for Second Year of Engineering from the academic year 2021-22. Subsequently this will be carried forward for Third Year and Final Year Engineering in the academic years 2022-23, 2023-24, respectively.

Dr. S.K. Ukarande	Dr Anuradha Muzumdar
Associate Dean	Dean
Faculty of Science and Technology	Faculty of Science and Technology
University of Mumbai	University of Mumbai

Incorporation and Implementation of Online Contents <u>fromNPTEL/ Swayam Platform</u>

The curriculum revision is mainly focused on knowledge component, skill based activities and project based activities. Self learning opportunities are provided to learners. In the revision process this time in particular Revised syllabus of 'C' scheme wherever possible additional resource links of platforms such as NPTEL, Swayam are appropriately provided. In an earlier revision of curriculum in the year 2012 and 2016 in Revised scheme 'A' and 'B' respectively, efforts were made to use online contents more appropriately as additional learning materials to enhance learning of students.

In the current revision based on the recommendation of AICTE model curriculum overall credits are reduced to 171, to provide opportunity of self learning to learner. Learners are now getting sufficient time for self learning either through online courses or additional projects for enhancing their knowledge and skill sets.

The Principals/ HoD's/ Faculties of all the institute are required to motivate and encourage learners to use additional online resources available on platforms such as NPTEL/ Swayam. Learners can be advised to take up online courses, on successful completion they are required to submit certification for the same. This will definitely help learners to facilitate their enhanced learning based on their interest.

Dr. S.K.Ukarande Associate Dean Faculty of Science and Technology University of Mumbai Dr Anuradha Muzumdar Dean Faculty of Science and Technology University of Mumbai

Preface by Board of Studies in

Computer Engineering

Dear Students and Teachers, we, the members of Board of Studies Computer Engineering, are very happy to present Third Year Computer Engineering syllabus effective from the Academic Year 2021-22 (REV-2019'C' Scheme). We are sure you will find this syllabus interesting, challenging, fulfill certain needs and expectations.

Computer Engineering is one of the most sought-after courses amongst engineering students. The syllabus needs revision in terms of preparing the student for the professional scenario relevant and suitable to cater the needs of industry in present day context. The syllabus focuses on providing a sound theoretical background as well as good practical exposure to students in the relevant areas. It is intended to provide a modern, industry-oriented education in Computer Engineering. It aims at producing trained professionals who can successfully acquainted with the demands of the industry worldwide. They obtain skills and experience in up-to-date the knowledge to analysis, design, implementation, validation, and documentation of computer software and systems.

The revised syllabus is finalized through a brain storming session attended by Heads of Departments or senior faculty from the Department of Computer Engineering of the affiliated Institutes of the Mumbai University. The syllabus falls in line with the objectives of affiliating University, AICTE, UGC, and various accreditation agencies by keeping an eye on the technological developments, innovations, and industry requirements.

The salient features of the revised syllabus are:

- 1. Reduction in credits to 170 is implemented to ensure that students have more time for extracurricular activities, innovations, and research.
- 2. The department Optional Courses will provide the relevant specialization within the branch to a student.
- 3. Introduction of Skill Based Lab and Mini Project to showcase their talent by doing innovative projects that strengthen their profile and increases the chance of employability.
- 4. Students are encouraged to take up part of course through MOOCs platform SWAYAM

We would like to place on record our gratefulness to the faculty, students, industry experts and stakeholders for having helped us in the formulation of this syllabus.

Board of Studies in Computer Engineering

Prof. Sunil Bhirud	: Chairman
Prof. SunitaPatil	: Member
Prof. Leena Ragha	: Member
Prof. Subhash Shinde	: Member
Prof .Meera Narvekar	: Member
Prof. Suprtim Biswas	: Member
Prof. Sudhir Sawarkar	: Member
Prof. Dayanand Ingle	: Member
Prof. Satish Ket	: Member

Program Structure for Fourth Year Computer Engineering UNIVERSITY OF MUMBAI (With Effect from 2022-2023)

Course	Course Name		ning Sc tact Ho		Credits Assigned					
Code	Course Maine	Theo	ory []]	Pract. Tut.	Т	Theory		ct.	Total	
CSC701	Machine Learning	3				3			3	
CSC702	Big Data Analytics	3				3			3	
CSDC 701X	Department Level Optional Course-3	3				3			3	
CSDC 702X	Department Level Optional Course-4	3				3			3	
ILO 701X	Institute Level Optional Course-1	3				3			3	
CSL701	Machine Learning Lab			2			1		1	
CSL702	Big Data Analytics Lab			2			1		1	
CSDL 701X	Department Level Optional Course-3 Lab			2			1		1	
CSDL 702X	Department Level Optional Course-4 Lab			2			1		1	
CSP701	Major Project 1			6#			3		3	
	Total	15		14		15	7		22	
					Exam	ination Sc	heme			
			Theory					Pract. & oral	Total	
Course Code	Course Name		nterna sessme		End Sem Exam	Exam. Duration (in Hrs)				
		Test 1	Test 2	Avg						
CSC701	Machine Learning	20	20	20	80	3			100	
CSC702	Big Data Analysis	20	20	20	80	3			100	
CSDC 701X	Department Level Optional Course-3	20	20	20	80	3			100	
CSDC 702X	Department Level Optional Course-4	20	20	20	80	3			100	
ILO 701X	Institute Level Optional Course-1	20	20	20	80	3			100	
CSL701	Machine Learning Lab						25	25	50	
CSL702	Big Data Analytics Lab						25	25	50	
CSDL 701X	Department Level Optional Course-3 Lab						25	-	25	
CSDL 702X	Department Level Optional Course-4 Lab						25	-	25	
CSP701	Major Project 1						50	25	75	
	Total			100	400		150	75	725	

Semester VII

Program Structure for Fourth Year Computer Engineering

UNIVERSITY OF MUMBAI (With Effect from 2022-2023)

Course	Course Name			ning Scl tact Ho			Credits Assigned					
Code		r	Theory		Pract. Tut.	Theor	y Pi	y Pract.				
CSC801	Distributed Computing		3			3			3			
CSDC 801X	Department Level Optional Course -5		3			3			3			
CSDC 802X	Department Level Optional Course -6		3			3			3			
ILO 801X	Institute Level Optional Course -2		3			3			3			
CSL801	Distributed Computing Lab				2			1	1			
CSDL 801X	Department Level Optional Course -5 Lab				2			1	1			
CSDL 802X	Department Level Optional Course -6 Lab				2			1	1			
CSP801	Major Project 2				12#			6	6			
	Total		12		18	12	9		21			
		Examination Scheme										
				The	ory		Term Work	Pract & oral	Total			
Course Code	Course Name	Internal Assessmer			End Sem Exam	Exam Duration (in Hrs)						
		Test 1	Test 2	Avg								
CSC801	Distributed Computing	20	20	20	80	3			100			
CSDC 801X	Department Level Optional Course -5	20	20	20	80	3			100			
CSDC 802X	Department Level Optional Course -6	20	20	20	80	3			100			
ILO 801X	Institute Level Optional Course -2	20	20	20	80	3			100			
CSL801	Distributed Computing Lab						25	25	50			
CSDL 801X	Department Level Optional Course -5 Lab						25	25	50			
CSDL 802X	Department Level Optional Course -6 Lab						25	25	50			
CSP801	Major Project- 2						100	50	150			
	Total			80	320		175	125	700			

Semester VIII

Major Project 1 and 2 :

- Students can form groups with minimum 2 (Two) and not more than 4 (Four)
- Faculty Load : In Semester VII $\frac{1}{2}$ hour per week per project group
 - In Semester VIII 1 hour per week per project group

Program Structure for Computer Engineering

UNIVERSITY OF MUMBAI (With Effect from 2022-2023)

Department and Institute Optional Courses and Labs

Semester	Department/ Institute Optional Courses and Labs	Subject
	Department Optional Course -3	CSDC7011: Machine Vision CSDC7012: Quantum Computing CSDC7013: Natural Language Processing
	Department Optional Lab -3	CSDL7011: Machine Vision Lab CSDL7012: Quantum Computing Lab CSDL7013: Natural Language Processing Lab
	Department Optional Course -4	CSDC7021 : Augmented and Virtual Reality CSDC7022 : Block Chain CSDC7023 : Information Retrieval
VII	Department Optional Lab -4	CSDL7021 : Augmented and Virtual Reality Lab CSDL7022 : Block Chain Lab CSDL7023 : Information Retrieval Lab
	Institute level Optional Courses-I	ILO7011. Product Lifecycle Management ILO7012. Reliability Engineering ILO7013. Management Information System ILO7014. Design of Experiments ILO7015. Operation Research ILO7016. Cyber Security and Laws ILO7017. Disaster Management & Mitigation Measures ILO7018. Energy Audit and Management ILO7019. Development Engineering

Program Structure for Computer Engineering

UNIVERSITY OF MUMBAI (With Effect from 2022-2023)

Department and Institute Optional Courses and Labs

Semester	Department/ Institute Optional Courses and Labs	Subject
	Department Optional Course -5	CSDC8011 : Deep Learning CSDC8012 : Digital Forensic CSDC8013 : Applied Data Science
	Department Optional Lab -5	CSDL8011 : Deep Learning Lab CSDL8012 : Digital Forensic Lab CSDL8013 : Applied Data Science Lab
	Department Optional Course -6	CSDC8021 : Optimization in Machine Learning CSDC8022: High Performance Computing CSDC8023: Social Media Analytics
VIII	Department Optional Lab -6	CSDL8021 : Optimization in Machine Learning Lab CSDL8022: High Performance Computing Lab CSDL8023: Social Media Analytics Lab
	Institute level Optional Courses-II	ILO8021. Project Management ILO8022. Finance Management ILO8023. Entrepreneurship Development and Management ILO8024. Human Resource Management ILO8025. Professional Ethics and CSR ILO8026. Research Methodology ILO8027. IPR and Patenting ILO8028. Digital Business Management ILO8029. Environmental Management

Program Structure for Third Year Computer Engineering UNIVERSITY OF MUMBAI (With Effect from 2021-2022)

			Seme		•					
Course Code	Course Name	Teaching Scheme (Contact Hours)				Credits Assigned				
Cout		Theory		Pract.		Theory	Prac	:t.	Total	
CSC501	Theoretical Computer Science	3				3			3	
CSC502	Software Engineering	3				3			3	
CSC503	Computer Network	3				3			3	
CSC504	Data Warehousing & Mining	3				3			3	
CSDLO501x	Department Level Optional Course- 1	3				3			3	
CSL501	Software Engineering Lab			2			1		1	
CSL502	Computer Network Lab			2			1		1	
CSL503	Data Warehousing & Mining Lab			2			1		1	
CSL504	Professional Comm. & Ethics II			2*+	-2		2		2	
CSM501	Mini Project: 2 A			4\$			2		2	
	Total	15		14	ļ	15	07		22	
					Exam	ination Scl	heme			
				Theo	ry		Term Work	Pract &oral	Total	
Course Code	Course Name		nterna sessme		End Sem Exam	Exam. Duration (in Hrs)				
		Test 1	Test 2	Avg						
CSC501	Theoretical Computer Science	20	20	20	80	3	25		125	
CSC502	Software Engineering	20	20	20	80	3			100	
CSC503	Computer Network	20	20	20	80	3			100	
CSC504	Data Warehousing & Mining	20	20	20	80	3			100	
CSDLO501x	Department Level Optional Course -1	20	20	20	80	3			100	
CSL501	Software Engineering Lab						25	25	50	
CSL502	Computer Network Lab						25	25	50	
CSL503	Data Warehousing & Mining Lab						25	25	50	
CSL504	Professional Comm. & Ethics II						50		50	
CSM501	Mini Project : 2A						25	25	50	
	Total			100	400		175	100	775	

Semester V

* Theory class to be conducted for full class and \$ indicates workload of Learner (Not Faculty), students can form groups with minimum 2(Two) and not more than 4(Four). Faculty Load: 1hour per week per four groups.

Program Structure for Third Year Computer Engineering UNIVERSITY OF MUMBAI (With Effect from 2021-2022) Semester VI

Course	Course Name	Tea		Teaching Scheme (Contact Hours)				Credits Assigned				
Code	Code		y Pract. Tut.			Theory	Pract	. 1	Fotal			
CSC601	System Programming & Compiler Construction	3				3			3			
CSC602	Cryptography & System Security	3				3			3			
CSC603	Mobile Computing	3				3			3			
CSC604	Artificial Intelligence	3				3			3			
CSDLO601x	Department Level Optional Course -2	3				3			3			
CSL601	System Programming & Compiler Construction Lab			2			1		1			
CSL602	Cryptography & System Security Lab			2			1		1			
CSL603	Mobile Computing Lab			2			1		1			
CSL604	Artificial Intelligence Lab			2			1		1			
CSL605	Skill base Lab Course: Cloud Computing			4			2		2			
CSM601	Mini Project Lab: 2B			4\$			2		2			
	Total	15		16		15	08		23			
		Theory Term Pract. Work & oral										
Course Code	Course Name	Interna	l Asses	sment	End Sem Exa m	Exam. Duration (in Hrs)						
		Test 1	Test 2	Avg								
CSC601	System Programming & Compiler Construction	20	20	20	80	3			100			
CSC602	Cryptography & System Security	20	20	20	80	3			100			
CSC603	Mobile Computing	20	20	20	80	3			100			
CSC604	Artificial Intelligence	20	20	20	80	3			100			
CSDLO601x	Department Level Optional Course -2	20	20	20	80	3	-		100			
CSL601	System Programming & Compiler Construction Lab						25	25	50			
CSL602	Cryptography & System Security Lab						25		25			
CSL603	Mobile Computing Lab						25	-	25			
CSL604	Artificial Intelligence Lab						25	25	50			
CSL605	Skill base Lab Course: Cloud Computing						50	25	75			
CSM601	Mini Project :2B						25	25	50			
	Total			100	400		175	100	775			

Program Structure for Computer Engineering UNIVERSITY OF MUMBAI (With Effect from 2021-2022)

Department Level Optional Courses	Semester	Code & Course
Department Level Optional Course -1	V	CSDLO5011: Probabilistic Graphical Models CSDLO5012: Internet Programming
V V	·	CSDLO5013: Advance Database Management System
Department Level Optional Course -2	VI	CSDLO6011: Internet of Things CSDLO6012: Digital Signal & Image Processing
		CSDLO6013: Quantitative Analysis

Department Optional Courses

AC- 23/07/2020 Item No. - 123

UNIVERSITY OF MUMBAI



Scheme

for

Bachelor of Engineering

in

Electronics & Computer Science

Second Year with Effect from AY 2020-21 Third Year with Effect from AY 2021-22 Final Year with Effect from AY 2022-23

(REV- 2019 'C' Scheme) from Academic Year 2019 – 20 Under

FACULTY OF SCIENCE & TECHNOLOGY

(As per AICTE guidelines with effect from the academic year 2019–2020)

Program Structure for Third Year Electronics and Computer Science UNIVERSITY OF MUMBAI

(With Effect from 2021-2022)

Course Code	Course Name		ching Sch ontact Hou		Credits Assigned			
		TH	PR	Tut	TH	Pract	Tut	Total
ECC 501	Communication Engineering	3	-	-	3	-	-	3
ECC 502	Computer Organization and Architecture	3	-	-	3	-	-	3
ECC 503	Software Engineering	3	-	-	3	-	-	3
ECC 504	Web Technologies	3	-	-	3	-	-	3
ECC DO501	Department Optional (Course - I)	3	-	-	3	-	-	3
ECL501	Communication Engineering Lab	-	2			1		1
ECL502	Software Engineering and Web Technologies Lab	-	2	-	-	1	-	1
ECL503	Department Optional (Course - I) Lab	-	2	-	-	1	-	1
ECL504	Business Communication and Ethics	-	4	-	-	2	-	2
ECM501	Mini project - 2A	-	4\$	-	-	2	-	2
	Total	15	14	-	15	7	-	22

Semester V

*Theory class; \$ indicates workload of learner(Not faculty), for mini-project

Course Code	Course Name	Examination Scheme							
		Internal Assessment		End	Exam		Pract/		
	Test 1	Test 2	Av	- Sem Exam	Duration (in Hrs)	TW	Oral	Total	
ECC 501	Communication Engineering	20	20	20	80	03	-	-	100
ECC 502	Computer Organization and Architecture	20	20	20	80	03	-	-	100
ECC 503	Software Engineering	20	20	20	80	03	-	-	100
ECC 504	Web Technologies	20	20	20	80	03	-	-	100
ECC DO501	Department Level Optional Course - I	20	20	20	80	03	-	-	100
ECL501	Communication Engineering Lab	-	-	-	-	-	25	25	50
ECL502	Software Engineering and Web Technologies lab	-	-	-	-	-	25	25	50
ECL503	Department Optional Course -I lab	-	-	-	-	-	25	25	50
ECL504	Business Communication and Ethics	-	-	_	-	-	50	-	50
ECM501	Mini project - 2A						25	25	50
	Total			100	400	-	150	100	750

Department Level Optional Couse - I (DO 501):

1. Software Testing and Quality Assurance	3. Information Theory and Coding
2. ASIC Verification	4. Sensors and Applications

UNIVERSITY OF MUMBAI, B.E. (ELECTRONICS AND COMPUTER SCIENCE (REV 2019 'C' SCHEME)

Program Structure for Third Year Electronics and Computer Science UNIVERSITY OF MUMBAI

(With Effect from 2021-2022)

Semester VI

Course Code	Course Name	Teaching Scheme (Contact Hours)			Credits Assigned			
		TH	PR	Tut	TH	Pract	Tut	Total
ECC 601	Embedded Systems and RTOS	3	-	-	3	-	-	3
ECC 602	Artificial Intelligence	3	-	-	3	-	-	3
ECC 603	Computer Networks	3	-	-	3	-	-	3
ECC 604	Data Warehousing and Mining	3	-	-	3	-	-	3
ECC DO601	Department Level Optional Course -II	3	-	-	3	-	-	3
ECL 601	Embedded Systems Lab	-	2			1		1
ECL602	Artificial Intelligence and Computer Networks Lab	-	2	-	-	1	-	1
ECL603	Data Warehousing and Mining Lab	-	2	-	-	1	-	1
ECL 604	Skill base Lab:(DLO-II) Lab	-	4	-	-	2	-	2
ECM601	Mini Project 2B	-	4\$	-	-	2	-	2
	Total	15	14	-	15	7	-	22

\$ indicates workload of learner(Not faculty), for mini-project

Course	Course Name]	Examina	tion Scheme			
Code		Intern	al Assessi	nent	End Sem	Exam Duration	TW	Pract/	Total
		Test 1	Test 2	Av	Exam	(in Hrs)	1 **	Oral	IUtai
ECC 601	Embedded Systems and RTOS	20	20	20	80	03	-	-	100
ECC 602	Artificial Intelligence	20	20	20	80	03	-	-	100
ECC 603	Computer Networks	20	20	20	80	03	-	-	100
ECC 604	Data Warehousing and Mining	20	20	20	80	03	-	-	100
ECC DO601	Department Level Optional Course -II	20	20	20	80	03	-	-	100
ECL 601	Embedded Systems Lab	-	-	-	-	-	25	25	50
ECL602	Artificial Intelligence and Computer Networks Lab	-	-	-	-	-	25	25	50
ECL603	Data Warehousing and Mining Lab	-	-	-	-	-	25	25	50
ECL 604	Skill base Lab:(DLO-II) Lab	-	-	-	-	-	50	-	50
ECM601	Mini Project - 2B						25	25	50
	Total			100	400	-	150	100	750

Department Level Optional Couse - II (DO 601):

1. Machine Learning	3. Digital Signal Processing
2. Industrial Automation	4. Electronic Product Design

UNIVERSITY OF MUMBAI, B.E. (ELECTRONICS AND COMPUTER SCIENCE (REV 2019 'C' SCHEME)

Program Structure for Final Year Electronics and Computer Science UNIVERSITY OF MUMBAI

(With Effect from 2022-2023)

Semester VII

Course Code	Course Name	Teaching Scheme (Contact Hours)				Credits Assigned		
		ТН	PR	Tut	TH	Pract	Tut	Total
ECC 701	VLSI Design	3	-	-	3	-	-	3
ECC 702	Internet of Things	3	-	-	3	-	-	3
ECC DO701	Department Level Optional Course - III	3	-	-	3	-	-	3
ECC DO702	Department Level Optional Course - IV	3	-	-	3	-	-	3
ECC IO701	Institute Level Optional Course - I	3	-	-	3	-	-	3
ECL701	VLSI Design Lab	-	2			1		1
ECL702	Internet of Things Lab	-	2	-	-	1	-	1
ECL703	Department Level Optional Course - III Lab	-	2	-	-	1	-	1
ECP701	Major Project - I	-	6	-	-	3	-	3
	Total	15	12	-	15	6	-	21

	Course			ŀ	Examinat	tion Scheme			
Course	Name	Internal Assessment			End	Exam		Pract/	
Code		Test 1	Test 2	Av	Sem Exam	Duration (in Hrs)	TW	Oral	Total
ECC 701	VLSI Design	20	20	20	80	03	-	-	100
ECC 702	Internet of Things	20	20	20	80	03	-	-	100
ECC DO701	Department Level Optional Course - III	20	20	20	80	03	-	-	100
ECC DO702	Department Level Optional Course - IV	20	20	20	80	03	-	-	100
ECC IO701	Institute Level Optional Course - I	20	20	20	80	03	-	-	100
ECL701	VLSI Design Lab	-	-	-	-	-	25	25	50
ECL702	Internet of Things Lab	-	-	-	-	-	25	25	50
ECL703	Department Level Optional Course - III Lab	-	-	-	-	-	25	25	50
ECP701	Major Project - I	-	-	-	-	_	50	-	50
	Total			100	400	-	125	75	700

Department Level Optional Courses:

Department Level Optional Course -III (DO701)	Department Level Optional Course -IV (DO702)
1. Deep Learning	1. Cloud Computing
2. Image Processing	2. Mobile Communication
3. Big Data Analytics	3. Cyber Security
4. Advanced Database Management Systems	4. BlockChain Technology

UNIVERSITY OF MUMBAI, B.E. (ELECTRONICS AND COMPUTER SCIENCE (REV 2019 'C' SCHEME)

Program Structure for Final Year Electronics and Computer Science UNIVERSITY OF MUMBAI

(With Effect from 2022-2023)

Semester VIII

Course Code	Course Name	Teaching Scheme (Contact Hours)			Credits Assigned			
		ТН	PR	Tut	TH	Pract	Tut	Total
ECC 801	Robotics	3	-	-	3	-	-	3
ECC DO801	Department Level Optional Course -V	3	-	-	3	-	-	3
ECC DO802	Department Level Optional Course -VI	3	-	-	3	-	-	3
ECC IO801	Institute Level Optional Course - II	3	-	-	3	-	-	3
ECL 801	Robotics Lab	-	2	-	-	1	-	1
ECL 802	Department Level Optional Course - V Lab	-	2		-	1		1
ECP 801	Major Project II	-	12	-	-	6	-	6
	Total	12	16	-	12	8	-	20

	Course			ł	Examinat	ion Scheme			
Course	Name	Internal Assessment			End	Exam		Pract/	
Code		Test 1	Test 2	Av	Sem Exam	Duration (in Hrs)	TW	Oral	Total
ECC 801	Robotics	20	20	20	80	03	-	-	100
ECC DO801	Department Level Optional Course -V	20	20	20	80	03	-	-	100
ECC DO802	Department Level Optional Course -VI	20	20	20	80	03	-	-	100
ECC IO801	Institute Level Optional Course - II	20	20	20	80	03	-	-	100
ECL 801	Robotics Lab	-	-	-	-	03	25	25	50
ECL 802	Department Level Optional Course - V Lab	-	-	-	-	-	25	25	50
ECP 801	Major Project II	-	-	-	-	-	50	100	150
	Total			80	320	-	100	150	650

Department Level Optional Courses:

Department Level Optional Course -V (DO801)	Department Level Optional Course -VI (DO802)
1. MEMS Technology	1. Advanced Networking Technologies
2. Natural Language Processing	2. Multimedia and Virtual Reality
3. 3-D Printing and Design	3. Quantum Computing
4. Advanced Algorithms	4. System Security

AC	23/07/2020
AC.	<u>2310112020</u>

Item No. <u>119</u>

UNIVERSITY OF MUMBAI



Bachelor of Engineering

in

Mechanical Engineering

Second Year with effect from AY 2020-21

Third Year with effect from AY 2021-22

Final Year with effect from AY 2022-23

(REV- 2019 'C' Scheme) from Academic Year 2019 – 20

Under

FACULTY OF SCIENCE & TECHNOLOGY

(As per AICTE guidelines with effect from the academic year 2019–2020)

Course Code	Course Name		ig Scheme ct Hours)	Credits Assigned				
		Theory	Pract.	Theory	Pract.	Total		
MEC501	Mechanical Measurements and Controls	3		3		3		
MEC502	Thermal Engineering	3		3		3		
MEC503	Dynamics of Machinery	3		3		3		
MEC504	Finite Element Analysis	3		3		3		
MEDLO501X	Department Level Optional Course – 1	3		3		3		
MEL501	Thermal Engineering		2		1	1		
MEL502	Dynamics of Machinery		2		1	1		
MEL503	Finite Element Analysis		2		1	1		
MESBL501	Professional communication and ethics –II		2*+2		2	2		
MEPBL501	Mini Project – 2 A		4 ^{\$}		2	2		
Total		15	14	15	07	22		

	Semester	V	
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		Examination Scheme								
	Course Name			Theory						
Course Code	Course Maine	Inter	nal Assess	sment	End	Exam.	Term Work	Prac/ Oral	Total	
		Test1	Test2	Avg	Sem Exam	Duration (in Hrs)				
MEC501	Mechanical Measurements and Controls	20	20	20	80	3			100	
MEC502	Thermal Engineering	20	20	20	80	3			100	
MEC503	Dynamics of Machinery	20	20	20	80	3			100	
MEC504	Finite Element Analysis	20	20	20	80	3			100	
MEDLO501X	Department Level Optional Course – 1	20	20	20	80	3			100	
MEL501	Thermal Engineering						25		25	
MEL502	Dynamics of Machinery						25	25	50	
MEL503	Finite Element Analysis						25	25	50	
MESBL501	Professional communication and ethics						25	25	50	
MEPBL501	Mini Project – 2 A						25	25	50	
	Total			100	400		125	100	725	

----100400--125100725* Theory class to be conducted for full class, \$ indicates work load of Learner (Not Faculty), for Mini Project;

SBL – Skill Based Laboratory PBL – Project Based Learning

Department Level Optional Course – 1

Course Code	Department Level Optional Course – 1
MEDLO5011	Optimization Techniques
MEDLO5012	Design of Experiments
MEDLO5013	Computational Methods

Course Code	Course Name		ing Scheme act Hours)	Credits Assigned				
		Theory	Pract/Tut.	Theory	Pract.	Total		
MEC601	Machine Design	4		4		4		
MEC602	Turbo Machinery	3		3		3		
MEC603	Heating Ventilation Air conditioning and Refrigeration	3		3		3		
MEC604	Automation and Artificial Intelligence	3		3		3		
MEDLO602X	Department Level Optional Course – 2	3		3		3		
MEL601	Machine Design		2		1	1		
MEL602	Turbo Machinery		2		1	1		
MEL603	Heating Ventilation Air conditioning and Refrigeration		2		1	1		
MESBL601	Measurements and Automation		4		2	2		
MEPBL601	Mini Project – 2 B		4 ^{\$}		2	2		
Total		16	14	16	07	23		

		Examination Scheme								
Course	Course Name			Theory						
Code	Course maine	Interi	nal Assess	sment	End	Exam.	Term Work	Prac/ Oral	Total	
		Test1	Test2	Avg	Sem Exam	Duration (in Hrs)	WUIK	Orai		
MEC601	Machine Design	20	20	20	80	3			100	
MEC602	Turbo Machinery	20	20	20	80	3			100	
MEC603	Heating Ventilation and Air conditioning	20	20	20	80	3			100	
MEC604	Automation and Artificial Intelligence	20	20	20	80	3			100	
MEDLO602 X	Department Level Optional Course – 2	20	20	20	80	3			100	
MEL601	Machine Design						25	25	50	
MEL602	Turbo Machinery						25		25	
MEL603	Heating Ventilation Air conditioning and Refrigeration						25	25	50	
MESBL601	Measurements and Automation						25	25	50	
MEPBL601	Mini Project – 2 B						25	25	50	
	Total			100	400		125	100	725	

\$ indicates work load of Learner (Not Faculty), for Mini Project;

SBL – Skill Based Laboratory; PBL – Project Based Learning

Department Level Optional Course – 2

Course Code	Department Level Optional Course – 2
MEDLO6021	Press Tool Design
MEDLO6022	Tool Engineering
MEDLO6023	Metal Forming Technology

	Course Name		Teaching Scheme (Contact Hours)		Credits Assigned			
		Theory	Pract. Tut.	Theory	Pract.	Total		
MEC701	Design of Mechanical System	3		3		3		
MEC702	Logistics and Supply Chain Management	3		3		3		
MEDLO703X	Department Level Optional Course – 3	3		3		3		
MEDLO704X	Department Level Optional Course – 4	3		3		3		
MEILO701X	Institute Level Optional Course – I	3		3		3		
MEL701	Design of Mechanical System		2		1	1		
MEL702	Maintenance Engineering		2		1	1		
MEL703	Industrial Soft Skills		2		1	1		
MEP701	Major Project I		6#		3	3		
Total		15	12	15	6	21		

Semester	VII

		Examination Scheme									
Course	Comme Norma			Theor	У						
Code	Course Name	Interna	al Assess	ment	End			Prac/ Oral	Total		
	T	Sem Exam	Duration (in Hrs)	Work	orui						
MEC701	Design of Mechanical System	20	20	20	80	3			100		
MEC702	Logistics and Supply Chain Management	20	20	20	80	3			100		
MEDLO70 3X	Department Level Optional Course – 3	20	20	20	80	3			100		
MEDLO70 4X	Department Level Optional Course – 4	20	20	20	80	3			100		
MEILO70 1X	Institute Level Optional Course – I	20	20	20	80	3			100		
MEL701	Design of Mechanical System						25	25	50		
MEL702	Maintenance Engineering						25	25	50		
MEL703	Industrial Soft Skills						25	25	50		
MEP701	Major Project I						50		50		
	Total			100	400		125	75	700		

indicates work load of Learner (Not Faculty), for Major Project

Course Code	Department Level Optional Course – 3					
MEDLO7031	Automotive Power Systems					
MEDLO7032	Renewable Energy Systems					
MEDLO7033	Vehicle Systems					

Department Level Optional Course – 3

Department Level Optional Course – 4

Course Code	Department Level Optional Course – 4	Course Code	Institute Level Optional Course – 1 [#]
MEDLO7041	Machinery Diagnostics		
MEDLO7042	Vibration Controls		
MEDLO7043	Advanced Vibration		

Common with all branches

Course Code	Course Name		g Scheme et Hours)	Credits Assigned			
		Theory	Pract./Tut.	Theory	Pract.	Total	
MEC801	Operations Planning and Control	3		3		3	
MEDLO805X	Department Level Optional Course – 5	3		3		3	
MEDLO806X	Department Level Optional Course – 6	3		3		3	
MEILO802X	Institute Level Optional Course – 2	3		3		3	
MEL801	Product Design and Development		2		1	1	
MEL802	Laboratory based on IoT		2		1	1	
MEP801	Major Project II		12#		6	6	
	Total	12	16	12	8	20	

Semester VIII

					Examina	tion Schem	ie		
Course Code	Course Norre			Theory	y			Prac./ Oral	
Course Code	Course Name	Intern	al Assess	ment	End	Exam.	Term Work		Total
		Test1	Test2	Avg	Sem Exam	Duration (Hrs)	,, or it		
MEC801	Operations Planning and Control	20	20	20	80	3			100
MEDLO805X	Department Level Optional Course – 5	20	20	20	80	3			100
MEDLO806X	Department Level Optional Course – 6	20	20	20	80	3			100
MEILO802X	Institute Level Optional Course – 2	20	20	20	80	3			100
MEL801	Product Design and Development						25	25	50
MEL802	Laboratory based on IoT						25	25	50
MEP801	Major Project II						100	50	150
	Total			80	320		150	100	650

indicates work load of Learner (Not Faculty), for Major Project

Course Code	Department Level Optional Course – 5
MEDLO8051	Composite Materials
MEDLO8052	Smart Materials
MEDLO8053	Micro Electro Mechanical Systems

Department Level Optional Course – 5

Department Level Optional Course – 6

Course Code	Department Level Optional Course – 6	Course Code	Institute Level Optional Course – 2 [#]
MEDLO8061	Product Design & Development		
MEDLO8062	Product Life Cycle Management		
MEDLO8063	Total Quality Management		

Common with all branches

Mini Project 1 and 2:

Students can form groups with minimum 2 (Two) members and not more than 4 (Four) members Faculty Load: 1 hour per week per four groups

Major Project 1 and 2:

Students can form groups with minimum 2 (Two) members and not more than 4 (Four) members Faculty Load: In Semester VII – ½ hour per week per project group In Semester VIII – 1 hour per week per project group

UNIVERSITY OF MUMBAI



Bachelor of Engineering

in

- Artificial Intelligence and Data Science
- Artificial Intelligence and Machine Learning
- Cyber Security
- Internet of Things (IoT)
- Data Engineering
- Computer Science and Engineering (Data Science)
- Computer Science and Engineering (Artificial Intelligence and Machine Learning)
- Computer Science and Engineering (Internet of Things and Cyber Security Including Block Chain Technology)

Second Year with Effect from AY 2021-22

Under

FACULTY OF SCIENCE & TECHNOLOGY

(As per AICTE guidelines with effect from the academic year 2019–2020)

PROGRAM STRUCTURE FOR THIRD YEAR UNIVERSITY OF MUMBAI (With Effect from 2022-2023)

				Semes	ter V				
Course Code	Course Name		eaching Contact				Credits As	signed	
Coue		Theory Pract.		Theory	Prac	:t.	Total		
CSC501	Computer Network	3				3			3
CSC502	Web Computing	3				3			3
CSC503	Artificial Intelligence	3				3			3
CSC504	Data Warehousing & Mining	3				3			3
CSDLO5 01X	Department Level Optional Course- 1	3				3			3
CSL501	Web Computing and Network Lab			2			1		1
CSL502	Artificial Intelligence Lab	-		2			1		1
CSL503	Data Warehousing & Mining Lab			2			1		1
CSL504	Business Communication and Ethics-II			2*+	-2		2		2
CSM501	Mini Project: 2 A			4\$			2		2
	Total	15		14		15	07		22
					Exam	ination Scl	heme		
		Theory					Term Work	Pract &oral	Total
Course Code	Course Name			Internal End Assessment Exam		Exam. Duration (in Hrs)			
		Test1	Test2	Avg					
CSC501	Computer Network	20	20	20	80	3	-		100
CSC502	Web Computing	20	20	20	80	3			100
CSC503	Artificial Intelligence	20	20	20	80	3			100
CSC504	Data Warehousing & Mining	20	20	20	80	3			100
CSDLO5 01X	Department Level Optional Course- 1	20	20	20	80	3			100
CSL501	Web Computing and Network Lab						25	25	50
CSL502	Artificial Intelligence Lab						25	25	50
CSL503	Data Warehousing & Mining Lab						25	25	50
CSL504	Business Communication and Ethics-II						50		50
CSM501	Mini Project : 2A						25	25	50
	Total			100	400		150	100	750

* Theory class to be conducted for full class and \$ indicates workload of Learner (Not Faculty), students can formgroups with minimum 2(Two) and not more than 4(Four). Faculty Load: 1hour per week per four groups.

PROGRAM STRUCTURE FOR THIRD YEAR UNIVERSITY OF MUMBAI (With Effect from 2022-2023)

	Γ	I	Sem	ester V	<u>I</u>					
Course	Course Name	Teachin (Contac			Cr	edits Assi	gned			
Code		Theory Pract. Tut.		Th	eory	Pract.	Total	Total		
CSC601	Data Analytics and Visualization	3			3			3	3	
CSC602	Cryptography and System Security	3			3			3		
CSC603	Software Engineering and Project Management	3			3			3		
CSC604	Machine Learning	3			3			3		
CSDLO6 01X	Department Level Optional Course -2	3			3			3		
CSL601	Data Analytics and Visualization Lab		2				1	1		
CSL602	Cryptography & System Security Lab		2				1	1		
CSL603	Software Engineering and Project Management Lab		2				1	1		
CSL604	Machine Learning Lab		2				1	1		
CSL605	Skill base Lab Course: Cloud Computing		4 -				2	2		
CSM601	Mini Project Lab: 2B		$4^{\$}$				2	2		
Total		15	16		15		08	23		
		Examin	ation S	cheme						
		Theory					Term Work	Pract. &oral	Total	
Course Code	Course Name	Interna	l Assess	sment	End Sem Exam	Exam. Duration (in Hrs)				
		Test 1	Test 2	Avg						
CSC601	Data Analytics and Visualization	20	20	20	80	3			100	
CSC602	Cryptography and System Security	20	20	20	80	3			100	
CSC603	Software Engineering and Project Management	20	20	20	80	3			100	
CSC604	Machine Learning	20	20	20	80	3			100	
CSDLO6 01X	Department Level Optional Course -2	20	20	20	80	3			100	
CSL601	Data Analytics and Visualization Lab						25	25	50	
CSL602	Cryptography & System Security Lab						25		25	
CSL603	Software Engineering and Project Management Lab						25	-	25	
CSL604	Machine Learning Lab						25	25	50	
CSL605	Skill base Lab Course: Cloud Computing						50	25	75	
CSM601	Mini Project Lab: 2B						25	25	50	
Total				100	400		175	100	775	

PROGRAM STRUCTURE FOR THIRD YEAR UNIVERSITY OF MUMBAI (With Effect from 2022-2023) DEPARTMENT OPTIONAL COURSES

Department Optional Courses	Semester	Code & Subject
Department Optional Course -1	V	CSDLO5011 : Statistics for Artificial Intelligence & Data Science CSDLO5012: Advanced Algorithms CSDLO5013: Internet of Things
Department Optional Course -2	VI	CSDLO6011 :High Performance Computing CSDLO6012: Distributed Computing CSDLO6013: Image & Video processing

Program Structure for Fourth Year CSE (AIML), CSE (DS) AI&DS, DE, AI&ML UNIVERSITY OF MUMBAI (With Effect from 2023-2024)

	Semester VII								
Course	Course Name		hing Scl tact Ho			Cro	edits Assi	igned	
Code		Theo	Theory Pract. Tut.		Theory		Pract.		Total
CSC701	Deep Learning	3				3		-	3
CSC702	Big Data Analytics	3				3			3
CSDO 701X	Department Level Optional Course-3	3				3		-	3
CSDO 702X	Department Level Optional Course-4	3				3		-	3
ILO 701X	Institute Level Optional Course-1	3				3		-	3
CSL701	Deep Learning Lab			2			1		1
CSL702	Big Data Analytics Lab			2			1		1
CSDOL 701X	Department Level Optional Course-3 Lab			2			1		1
CSDOL 702X	Department Level OptionalCourse-4 Lab			2			1		1
CSP701	Major Project1			6#			3	6	3
	Total	15		14	15		7		22
					Exam	ination Sc	heme		
				Theo	ry		Term Work	Pract. & oral	Total
Course Code	Course Name		Internal ssessme		End Sem Exam	Exam. Duration (in Hrs)			
		Test 1	Test 2	Avg					
CSC701	Deep Leaning	20	20	20	80	3			100
CSC702	Big Data Analytics	20	20	20	80	3			100
CSDO 701X	Department Level Optional Course-3	20	20	20	80	3			100
CSDO 702X	Department Level Optional Course-4	20	20	20	80	3			100
ILO 701X	Institute Level Optional Course-1	20	20	20	80	3			100
CSL701	Deep Leaning Lab						25	25	50
CSL702	Big Data Analytics Lab						25	25	50
CSDOL 701X	Department Level Optional Course-3 Lab						25	-	25
CSDOL 702X	Department Level OptionalCourse-4 Lab						25	-	25
CSP701	Major Project1						50	25	75
	Total			100	400		150	75	725

Semester VII

Program Structure for Fourth Year CSE (AIML), CSE (DS) AI&DS, DE, AI&ML

UNIVERSITY OF MUMBAI (With Effect from 2023-2024)

Course	Course Name			ing Sch tact Hou			Credits	Assigned	l
Code	Course Maine	Г	Theory		Pract. Tut.	Theor	y Pi	ract.	Total
CSC801	Advanced Artificial Intelligence		3			3			3
CSDO 801X	Department Level Optional Course-5		3			3			3
CSDO 802X	Department Level OptionalCourse-6		3			3			3
ILO 801X	Institute Level OptionalCourse-2		3			3			3
CSL801	Advanced Artificial Intelligence Lab				2			1	1
CSDOL 801X	Department Level Optional Course-5 Lab				2			1	1
CSDOL 802X	Department Level Optional Course-6 Lab				2			1	1
CSP801	Major Project-2				12#			6	6
Total			12		18	12		9	
					Examina	ation Schen			
				Theo	ory		Term Work	Pract & oral	Total
Course Code	Course Name	Interr	nal Asse	ssment	End Sem Exam	Exam Duration (in Hrs)			
		Test 1	Test 2	Avg					
CSC801	Advanced Artificial Intelligence	20	20	20	80	3			100
CSDO8 01X	Department Level Optional Course -5	20	20	20	80	3			100
CSDO 802X	Department Level Optional Course -6	20	20	20	80	3			100
ILO80X	Institute Level Optional Course-2	20	20	20	80	3			100
CSL801	Advanced Artificial Intelligence Lab						25	25	50
CSDOL 801X	Department Level Optional Course -5 Lab						25	25	50
CSDOL 802X	Department Level Optional Course -6 Lab						25	25	50
CSP801	Major Project 2						100	50	150
Total				80	320		175	125	700

Semester VIII

Major Project 1 and 2 :

- Students can form groups with minimum 2 (Two) and not more than 4 (Four)
- Faculty Load : In Semester VII $-\frac{1}{2}$ hour per week per project group
 - In Semester VIII 1 hour per week per project group

Program Structure for Fourth Year CSE (AIML), CSE (DS) AI&DS, DE, AI&ML UNIVERSITY OF MUMBAI (With Effect from 2023-2024)

Semester	Department/ Institute Optional Courses and Labs	Subject and Labs
	Department Optional Course -3	CSDO7011: Natural Language Processing CSDO7012.: AI for Healthcare CSDO7013: Neural Network & Fuzzy System
	Department Optional Lab -3	CSDOL7011: Natural Language Processing Lab CSDOL7012.: AI for Healthcare Lab CSDOL7013: Neural Network & Fuzzy System
	Department Optional Course -4	CSDO7021: User Experience Design with VR CSDO7022: Blockchain Technologies CSDO7023: Game Theory for Data Science
VII	Department Optional Lab -4	CSDOL7021: User Experience Design with VR Lab CSDOL7022: Blockchain Technologies Lab CSDOL7023: Game Theory for Data Science Lab
	Institute level Optional Courses-I	ILO7011:Product Lifecycle ManagementILO7012: Reliability EngineeringILO7013.: Management Information SystemILO7014: Design of ExperimentsILO7015: Operation ResearchILO7016: Cyber Security and LawsILO7017: Disaster Management & Mitigation MeasuresILO7018: Energy Audit and ManagementILO7019: Development Engineering

Department and Institute Optional Courses and Labs

Program Structure for Fourth Year CSE (AIML), CSE (DS) AI&DS, DE, AI&ML

UNIVERSITY OF MUMBAI (With Effect from 2023-2024)

Department and Institute Optional Courses and Labs

	Department/	
Semester	Institute Optional	Subject and Labs
	Courses and Labs	
	Department Optional Course -5	CSDO8011: AI for financial & Banking application CSDO8012: Quantum Computing CSDO8013: Reinforcement Learning CSDOL8011: AI for financial & Banking application Lab
	Department Optional Lab -5	CSDOL8012: Quantum Computing Lab CSDOL8013: Reinforcement Learning Lab
	Department Optional Course -6	CSDO8021: Graph Data Science CSDO8022: Recommendation Systems CSDO8023: Social Media Analytic
VIII	Department Optional Lab -6	CSDOL8021: Graph Data Science Lab CSDOL8022: Recommendation Systems Lab CSDOL8023: Social Media Analytic Lab
	Institute level Optional Courses-II	ILO8021: Project ManagementILO8022: Finance ManagementILO8023: Entrepreneurship Development and ManagementILO8024: Human Resource ManagementILO8025: Professional Ethics and CSRILO8026: Research MethodologyILO8027: IPR and PatentingILO8028: Digital Business ManagementILO8029: Environmental Management



Manuual for Honours and Minor Degree Programs in Engineering

1. Introduction:

As per the AICTE's Approval Process Handbook-2020-21: Chapter VII- clause 7.3.2 (Page 99-101), all branches of Engineering and Technology shall offer Elective Courses in the EMERGING AREAS viz., Artificial Intelligence (AI), Internet of Things (IoT), Blockchain, Robotics, Quantum Computing, Data Sciences, Cyber Security, 3D Printing and Design, Augmented Reality/ Virtual Reality (AR/VR), as specified in Annexure 1 of the Approval Process Handbook.

- a) Under Graduate Degree Courses in EMERGING AREAS shall be allowed as specialization from the same Department. The minimum additional Credits for such Courses shall be in the range of 18-20 and the same shall be mentioned in the degree, as specialization in that particular area. For example, doing extra credits for Robotics in Mechanical Engineering shall earn B.E./ B.Tech. (Honours.) Mechanical Engineering with specialization in Robotics
- b) Minor specialization in EMERGING AREAS in Under Graduate Degree Courses may be allowed where a student of another Department shall take the minimum additional Credits in the range of 18-20 and get a degree with minor from another Department.

It is also made very clear by AICTE that areas in which Minor Degree/Honours may be offered are numerous. It is up to the Universities with the help of their Academic Board/Council to decide whether Minor Degree/Honours. is to be offered or not in any particular area, which is not mentioned above. AICTE approval is not required for offering Minor Degree/Honours. in any such area, however the criteria that "Minor Degree or Honours. will cumulatively require additional 18 to 20 credits in the specified area in addition to the credits essential for obtaining the Under Graduate Degree in Major Discipline (i.e. 160 credits)"

2. Proposed Honours and Minor Degree:

Honours and Minor degree program is introduced in order to facilitate the students to choose additionally the specialized courses in the emerging areas of their choice and build their competence in such domains. Based on AICTE guidelines, the Faculty of Science and Technology has proposed to offer following Honours/ Minor degree program corresponding to each engineering program:

Sr. No	Honours/Minor degree programs
1	Infrastructure Engineering
2	Smart Cities
3	Waterways Transport Engineering
4	Professional Practices in Structural Engineering
5	Green Technology and Sustainability Engineering
6	Infrastructure Policies & Regulations
7	Artificial Intelligence and Machine Learning

Table 1: Honours / Minor Degree Programs

8	Blockchain
9	Cyber Security
10	Augmented Reality and Virtual Reality
11	Data Science
12	Internet of Things (IoT)
13	Waste Technology
14	Electric Vehicles
15	Microgrid Technologies
16	Robotics
17	3D Printing
18	Industrial Automation

The Honours and Minor degree programs selection for each of the engineering programs offered in University of Mumbai is as given in next section.

3. Mapping with Engineering/Technology Programs in University of Mumbai

Honour's/Minors degree program is being introduced by the Faculty of Science and Technology of University of Mumbai in order to facilitate the students to choose additionally the specialized courses in the emerging areas of their choice and build their competence in such domains. As per AICTE guidelines, Honours/Minors degree program to be chosen by eligible students (based on certain criteria given in manual) studying in third year of various Engineering program's are elaborated in **Table 2** to bring clarity to all stakeholders including students, faculty members and institutions. **Each eligible student can opt for maximum one Honour's or one Minor Programs at any time.**

		Programs who can offer this as the Honours Degree Program	Programs who can offer this as the Minor Degree program
Row	Column A	Column B	Column C
1	Infrastructure Engineering	Civil Engineering	 Mechanical Engineering Production Engineering Automobile Engineering Mechatronics Engineering Printing and Packaging Technology Electrical Engineering Chemical Engineering Electronics and Telecomm. Engineering Electronics Engineering Computer Engineering Electronics and Computer Science Artificial Intelligence & Data Science Cyber Security Computer Science and Engineering (Internet of Things & Cyber Security including Blockchain) Computer Science and Engineering (Data Science) Artificial Intelligence & Machine Learning Computer Science and Engineering (Internet of Things 2) Artificial Intelligence & Machine Learning Computer Science and Engineering (Data Science) Artificial Intelligence & Machine Learning Computer Science and Engineering (Data Science) Artificial Intelligence & Machine Learning Computer Science and Engineering (Data Science) Artificial Intelligence & Machine Learning Computer Science and Engineering (Data Science) Artificial Intelligence & Machine Learning

Table 2: Honours and Minor Degree Program Mapping with Engineering Programs

2	Smart Cities	Civil Engineering	 Civil and Infrastructure Engineering Mechanical Engineering Production Engineering Automobile Engineering Mechatronics Engineering Mechatronics Engineering Printing and Packaging Technology Electrical Engineering Chemical Engineering Electronics and Telecomm. Engineering Electronics Engineering Electronics Engineering Electronics Engineering Electronics Engineering Electronics Engineering Information Technology Instrumentation Engineering Electronics and Computer Science Artificial Intelligence & Data Science Cyber Security Computer Science and Engineering (Internet of Things & Cyber Security including Blockchain) Computer Science and Engineering (Data Science) Artificial Intelligence & Machine Learning Data Engineering Internet of Things Computer Science and Design Civil and Infrastructure Engineering
3	Waterways Transport Engineering	Civil Engineering	 Civit and infrastructure Engineering Mechanical Engineering Production Engineering Automobile Engineering Mechatronics Engineering Printing and Packaging Technology Electrical Engineering Chemical Engineering Electronics and Telecomm. Engineering Electronics Engineering Electronics Engineering Electronics Engineering Electronics Engineering Electronics Engineering Computer Engineering Information Technology Instrumentation Engineering Electronics and Computer Science Artificial Intelligence & Data Science Cyber Security Computer Science and Engineering Computer Science and Engineering (Internet of Things & Cyber Security including Blockchain) Computer Science and Engineering (Data Science) Artificial Intelligence & Machine Learning Data Engineering

			22. Internet of Things
			23. Computer Science and Design
			1. Civil and Infrastructure Engineering
			2. Mechanical Engineering
			3. Production Engineering
			4. Automobile Engineering
			5. Mechatronics Engineering
			6. Printing and Packaging Technology
			7. Electrical Engineering
			8. Chemical Engineering
			9. Electronics and Telecomm. Engineering
			10. Electronics Engineering
			11. Computer Engineering
	Professional		12. Information Technology
	Practices in		13. Instrumentation Engineering
4	Structural	Civil Engineering	14. Electronics and Computer Science
	Engineering		15. Artificial Intelligence & Data Science
	0 0 0		16. Cyber Security
			17. Computer Science and Engineering
			(Artificial Intelligence & Machine Learning)
			18. Computer Science and Engineering (Internet
			of Things & Cyber Security including
			Blockchain)
			19. Computer Science and Engineering (Data
			Science)
			20. Artificial Intelligence & Machine Learning
			21. Data Engineering
			22. Internet of Things
1			23. Computer Science and Design
			1. Civil and Infrastructure Engineering
			2. Mechanical Engineering
			3. Production Engineering
			4. Automobile Engineering
			5. Mechatronics Engineering
			6. Electrical Engineering
			7. Electronics and Telecomm. Engineering
			8. Electronics Engineering
	Cueron		9. Computer Engineering
	Green	1 Civil Engineering	10. Information Technology
5	Technology and	2 Chemical Engineering	11. Instrumentation Engineering
3	Sustainability	3 Printing and Packaging Technology	12. Electronics and Computer Science
	Engineering		13. Artificial Intelligence & Data Science
	Lingineering		14. Cyber Security
			15. Computer Science and Engineering
			(Artificial Intelligence & Machine Learning)
			16. Computer Science and Engineering
			(Internet of Things & Cyber Security including Blockchain)
			17. Computer Science and Engineering (Data
			Science)
			18. Artificial Intelligence & Machine Learning
			19. Data Engineering

			20. Internet of Things
			21. Computer Science and Design
			1. Civil Engineering
			2. Mechanical Engineering
			3. Production Engineering
			4. Automobile Engineering
			5. Mechatronics Engineering
			6. Printing and Packaging Technology
			7. Electrical Engineering
			8. Chemical Engineering
			9. Electronics and Telecomm. Engineering
			10. Electronics Engineering
			11. Computer Engineering
			12. Information Technology
	Infrastructure		13. Instrumentation Engineering
6	Policies &	Civil and Infrastructure Engineering	14. Electronics and Computer Science
	Regulations		15. Artificial Intelligence & Data Science
			16. Cyber Security
			17. Computer Science and Engineering
			(Artificial Intelligence & Machine Learning)
			18. Computer Science and Engineering (Internet
			of Things & Cyber Security including
			Blockchain)
			19. Computer Science and Engineering (Data Science)
			20. Artificial Intelligence & Machine Learning
			21. Data Engineering
			22. Internet of Things
			23. Computer Science and Design
		1 Computer Engineering	
		2 Electronics and Telecomm.	
		Engineering	1. Civil Engineering
		3 Electronics Engineering	2. Civil and Infrastructure Engineering
		4 Information Technology	3. Mechanical Engineering
	Artificial	5 Electronics and Computer Science	4. Production Engineering
	Intelligence	6 Mechatronics Engineering	5. Automobile Engineering
7	and	7 Computer Science and Engineering	6. Printing and Packaging Technology
	Machine	(Internet of Things & Cyber Security including Blockchain)	7. Electrical Engineering
	Learning	8 Cyber Security	8. Chemical Engineering
		9 Computer Science and Engineering	9. Instrumentation Engineering
		(Data Science)	10. Biomedical Engineering
		10 Internet of Things	
		11 Data Engineering	
		12 Computer Science and Design	
	1		

		1 Computer Engineering	
		2 Electronics and Telecomm.	
		Engineering	1. Civil Engineering
		3 Electronics Engineering	2. Civil and Infrastructure Engineering
		4 Information Technology	3. Mechanical Engineering
		5 Electronics and Computer Science	4. Production Engineering
		6 Artificial Intelligence & Data Science	5. Automobile Engineering
		7 Cyber Security	6. Mechatronics Engineering
8	Blockchain	8 Computer Science and Engineering	7. Printing and Packaging Technology
0	DIOCKCHAIN	(Artificial Intelligence & Machine	
		Learning)	8. Electrical Engineering
		9 Computer Science and Engineering	9. Chemical Engineering
		(Data Science)	10. Instrumentation Engineering
		10 Internet of Things	11. Biomedical Engineering
		11 Data Engineering	
		12 Computer Science and Design	
		13 Artificial Intelligence & Machine	
		Learning	
		1 Computer Engineering	
		2 Electronics and Telecomm.	1. Civil Engineering
		Engineering	2. Civil and Infrastructure Engineering
		3 Electronics Engineering	
		4 Information Technology	3. Mechanical Engineering
		5 Electronics and Computer Science	4. Production Engineering
		6 Artificial Intelligence & Data Science	5. Automobile Engineering
		7 Computer Science and Engineering	6. Mechatronics Engineering
9	Cyber Security	(Artificial Intelligence & Machine	7. Printing and Packaging Technology
		Learning)	8. Electrical Engineering
		8 Computer Science and Engineering	9. Chemical Engineering
		(Data Science)	10. Instrumentation Engineering
		9 Internet of Things	11. Biomedical Engineering
		10 Artificial Intelligence & Machine	
		Learning	
		11 Data Engineering	
		12 Computer Science and Design	
		1 Computer Engineering	
		2 Electronics and Telecomm.	
		Engineering	1. Civil Engineering
		3 Electronics Engineering	
		4 Information Technology	2. Civil and Infrastructure Engineering
		5 Electronics and Computer Science	3. Mechanical Engineering
		-	4. Production Engineering
	Augmented	6 Computer Science and Engineering (Internet of Things & Cyber Security	5. Automobile Engineering
10	Reality and	including Blockchain)	6. Mechatronics Engineering
10	Virtual Reality	7 Artificial Intelligence & Data Science	7. Printing and Packaging Technology
	viituai nediity	8 Cyber Security	8. Electrical Engineering
			9. Chemical Engineering
			10. Instrumentation Engineering
		(Artificial Intelligence & Machine Learning)	11. Biomedical Engineering
		10 Computer Science and Engineering	
		(Data Science)	
		11 Internet of Things	

		 12 Artificial Intelligence & Machine Learning 13 Data Engineering 14 Computer Science and Design 1 Computer Engineering 2 Electronics and Telecomm. Engineering 3 Electronics Engineering 	
11	Data Science	 4 Information Technology 5 Electronics and Computer Science 6 Mechanical Engineering 7 Production Engineering 8 Automobile Engineering 9 Computer Science and Engineering (Internet of Things & Cyber Security including Blockchain) 10 Cyber Security 11 Computer Science and Engineering (Artificial Intelligence & Machine Learning) 12 Internet of Things 13 Artificial Intelligence & Machine Learning 14 Electrical Engineering 15 Computer Science and Design 	 Civil Engineering Civil and Infrastructure Engineering Mechatronics Engineering Printing and Packaging Technology Chemical Engineering Instrumentation Engineering Biomedical Engineering
12	Internet of Things (IOT)	 Computer Engineering Electronics and Telecomm. Engineering Electronics Engineering Information Technology Electronics and Computer Science Electrical Engineering Mechanical Engineering Production Engineering Automobile Engineering Mechatronics Engineering Mechatronics Engineering Artificial Intelligence & Data Science Cyber Security Computer Science and Engineering Artificial Intelligence & Machine Learning) Computer Science and Engineering (Data Science) Artificial Intelligence & Machine Computer Science and Engineering (Data Science) Artificial Intelligence & Machine Computer Science and Engineering (Data Science) Artificial Intelligence & Machine Computer Science and Engineering (Data Science) Artificial Intelligence & Machine Computer Science and Design 	 Civil Engineering Civil and Infrastructure Engineering Printing and Packaging Technology Chemical Engineering Instrumentation Engineering Biomedical Engineering



E. E.C.S.										Roo	m Num	ber: 30	7													
lass Teacher: Prof. Dipali Koshti												With Effect From: 8 th August 2022 to 30 th October 2022														
				9.45a.m															•			-			3.30 p.m	
	9.4	5 a.m.	10.45	a.m.			· · · · · · · · · · · · · · · · · · ·		1		2.30	p.m.	3.30 p.	.m.	4.30 p.m											
Monday		-				DBMS A	OOPM B	ED C	DSA D	-																
uuy	DK		JM			DK	РКВ	JM	AL	¯ ι	A	L														
		DSA	EM-	·] [DSA	OOPM	DBMS	OOPM	U	D	E	E	D												
Tuesday		AL		S		А	В	С	D	N	SJP		JM													
				-		AL	PKB	DK	BJ	С																
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suay	KN	BJ	SJP	JM							DK	KN	AL	РКВ	-											
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day						А	В	С	D					. ,												
		1 4 5	551		A	JM	DK	РКВ	KN		DK		PV5													
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ау	В	С	D	Α					-		JM															
	KN	AL	JM	SJP																						
								Subject Abb	reviation																	
Engineering Mathematics-III												DE		Digital Ele	ectronics											
Data Stru	uctures	and Algorit	hm			DBMS	D			n																
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	day day day day day day Engineer Data Stru Prof. Jay	acher: Prof. I 08.4 9.4 9.4 day DE c day DE C KN day DE C KN day DE B KN Engineering Mat Data Structures Prof. Jayen Mod Prof. Jayen Mod	acher: Prof. Dipali Ko 08.45 a.m 9.45 a.m. DBMS DK DSA AL DE OOPM C D KN BJ day day day DE DSA AL DE OOPM C D KN BJ B C KN AL EM-III PVS	acher: Prof. Dipali Koshti08.45 a.m 9.45 a.m.9.45 a 10.45day $08.45 a.m$ 9.45 a.m.10.45day $DBMS$ DKED JWday DSA ALEM- PVday DSA ALEM- PVesday DE C $OOPM$ OOPMday DE C $OOPM$ ALday DE C $OOPM$ OOPMday DE C $OOPM$ SJPday DE N $OOPM$ SJPday DE N $OOPM$ SJPday DE N $OOPM$ SJPday DE N DSA ALprof. Jayen Modi Prof. Dipali Koshti $Prof.$	Disali Koshti OB.45 a.m 9.45 a.m. 9.45 a.m 10.45 a.m. Jay DBMS DBMS DK ED JM Jay DBAA EM-III PVS Jay DSA AL EM-III PVS OOPM ED JM day DE OOPM OOPM ED SJP JM day DE OOPM OOPM ED SJP JM day DE OOPM OOPM ED M JM SJP day DSA KN BJ SJP JM SJP JM day DE DSA KN ED OOP M A B ay DE DSA ED OOP M A B ay DE DSA ED A A A ay DE DSA ED A A B C D A A A A A B C D A A	acher: Prof. Dipali Koshti08.45 a.m 9.45 a.m.9.45 a.m 10.45 a.m.9.45 a.m.10.45 a.m.9.45 a.m.10.45 a.m.10.45 a.m.10.45 a.m.dayDBMS DKED JMdayDSA ALEM-III PVSbe CDOPM AOOPM B SJPdayDE COOPM AdayEM-III PVSBB SJPdayEM-III PVSDE SJPdayEM-III PVSDE SJPdayEM-III PVSDE SJPdayDE CDA KdayEM-III PVSDE SJPdayDE B CDA AbisC DA KayDE B CDA Aprof. Jayen Modi Prof. Dipali Koshti	acher: Prof. Dipali Koshti08.45 a.m 9.45 a.m.9.45 a.m 10.45 a.m.11:00 12:00dayDBMS DKED JM12:00dayDBMS DKED JMAdayDSA ALEM-III PVSAdayDSA CEM-III PVSBdayDE COOPM AED BdayDE COOPM AB BdayDE CDA AB BdayEM-III PVSDE SJPB AdayDE CDA AB CdayDE CDSA CB CdayEM-III PVSDE SJPB AdayDE B CDA AB KNALJM 	acher: Prof. Dipali Koshti08.45 a.m 9.45 a.m.9.45 a.m 10.45 a.m.11:00 a.m 12:00 p.m.dayDBMS DKED JMABdayDSA ALEM-III PVSDSAOOPM AdayDSA CEM-III PVSDSAOOPM AdayDSA CDOPM COOPM ABdayDE COOPM COOPM ABdayDE CD ABKNBJ PVSSJPJMdayDE CD ABdayDE CD ABdayDE CD ABdayEM-III PVSDE SJPMdayDE CDSA CED MdayDE CDSA CED MdayDE PVSDSA SJPDBMSdayDE PVSDSA SJPED MdayDE DSAED MOOP MdayDE DSAED COOP MdayDE DSAED COOP MB B CD AA SJPEngineering Mathematics-IIIED DBMSEIData Structures and AlgorithmDBMSDProf. Jayen ModiKN ALProf. Jayen ModiKN AL	Acher: Prof. Dipali Koshti 08.45 a.m. 9.45 a.m. 10.45 a.m. 11:00 a.m 12:00 9.45 a.m. 10.45 a.m. 12:00 p.m. 1:00 day DBMS ED DBMS ED DBMS OOPM ED day DBMS ED JM DBMS OOPM ED day DSA EM-III PVS DSA OOPM DSA OOPM DSA day DE OOPM OOPM ED DSA OOPM DSA DSA OOPM DSA DSA OOPM DSA DSA OOPM DSA DSA DSA OOPM DSA D	acher: Prof. Dipali Koshti acher: Prof. Dipali Koshti 9.45a.m 9.45a.m 11:00 a.m. – 12:00 p.m 9.45 a.m. 10.45 a.m. 10:45 a.m. 12:00 p.m. 1:00 p.m. day DBMS ED DBMS ED DSA ED DBMS OPM ED DSA day DSA EM-III DVS DK PKB JM AL day DE OOPM ED DSA EM-III AL PKB DK BJ stday DE OOPM OOPM ED AL PKB DK BJ day DE OOPM OOPM ED AL PKB DK BJ day DE OOPM OOPM ED BR C D EM-III PKB DK BJ day DE DSA ED M R R R C D D EM-III PKB KN PKB KN day DE DSA ED DBMS O	Sectors in the colspan="6">With the colspan="6" C	Acher: Prof. Dipali Koshti With Effect acher: Prof. Dipali Koshti With Effect acher: Prof. Dipali Koshti 9.45a.m 9.45a.m 11:00 a.m 12:00 p.m 1:00 p.m 1:30 aday DBMS ED DBMS ED DBMS OOPM ED DSA A B C D A B C D A A B C D A B C D A B C D A B C D A B C D A B C D A B C D A B C D A B C D A B C D A B C D A B C D D A B C D <t< td=""><td>Access Prof. Dipali Koshti With Effect From: 3 acher: Prof. Dipali Koshti With Effect From: 3 acher: 9.45 a.m. 9.45 a.m. 10.45 a.m. 11:00 a.m. – 12:00 p.m. 12:00 p.m. 13:0 p.m 2.30 p.m. aday DBMS ED DBMS ED DBMS OOPM ED DSA A B C D AL U N C AL DSA EM-III DE DSA A B C D N AL U N AL PKB JM AL U N AL DSA EM-III DE DSA EM-III DE DA B C D A B C D N DE SJP M AL PKB DK D N DE DBMS DE D A B C D A B C D A B C D A B C D A B C D D D N <t< td=""><td>acher: Prof. Dipali Koshti With Effect From: 8th Augure 12:00 p.m acher: 9.45 a.m. 9.45 a.m. 11:00 a.m 12:00 p.m 12:00 p.m 2.30 p.m 2.30 p.m 3.30 p.m 3</td><td>Arters With Effect From: 8th August 2027 with effect From: 8th August 2027 the state of the state o</td><td>Sectors With Effect From: 8th August 2022 to 30th Octobe Sade provide the prov</td></t<></td></t<>	Access Prof. Dipali Koshti With Effect From: 3 acher: Prof. Dipali Koshti With Effect From: 3 acher: 9.45 a.m. 9.45 a.m. 10.45 a.m. 11:00 a.m. – 12:00 p.m. 12:00 p.m. 13:0 p.m 2.30 p.m. aday DBMS ED DBMS ED DBMS OOPM ED DSA A B C D AL U N C AL DSA EM-III DE DSA A B C D N AL U N AL PKB JM AL U N AL DSA EM-III DE DSA EM-III DE DA B C D A B C D N DE SJP M AL PKB DK D N DE DBMS DE D A B C D A B C D A B C D A B C D A B C D D D N <t< td=""><td>acher: Prof. Dipali Koshti With Effect From: 8th Augure 12:00 p.m acher: 9.45 a.m. 9.45 a.m. 11:00 a.m 12:00 p.m 12:00 p.m 2.30 p.m 2.30 p.m 3.30 p.m 3</td><td>Arters With Effect From: 8th August 2027 with effect From: 8th August 2027 the state of the state o</td><td>Sectors With Effect From: 8th August 2022 to 30th Octobe Sade provide the prov</td></t<>	acher: Prof. Dipali Koshti With Effect From: 8 th Augure 12:00 p.m acher: 9.45 a.m. 9.45 a.m. 11:00 a.m 12:00 p.m 12:00 p.m 2.30 p.m 2.30 p.m 3.30 p.m 3	Arters With Effect From: 8 th August 2027 with effect From: 8 th August 2027 the state of the state o	Sectors With Effect From: 8 th August 2022 to 30 th Octobe Sade provide the prov										

(Dr. S.S. Rathod) FR. AGNEL ASHRAMBANDRA 9 Principal

MUMILANSO



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(Dr. Sapna Prabhu)

H.O.D. (Electronics and Computer Science)

44



Class: 1	Г.Е. Е.С.	s.							Roo	m Num	ber: 30	6							
Class T	lass Teacher: Prof. Archana Lopes											With Effect From: 8 th August 2022 to 30 th October 2022							
		08.45 a.m 9.45 a.m.	9.45a.m 10.45 a.m.		11:00 12:00) p.m) p.m.			p.m) p.m.	2.30 p 3.30 p			p.m p.m				
Monday Tuesday		STQA AL	WT VVG		S VV		-	OA UP			CE BJ	CE A BJ	SEWT B VVG	STQA C KN	MP D	-			
			CE	1	BC	`F		SE	- L	CE	SEWT	STQA	MP		•				
		HONORS*	BJ		BCE JR		VVG		N C	C BJ	D VVG	A AL	В						
Wednesday		HONORS*	WT VVG	В	<mark>STQA</mark> AL		BCE JR		H B	COA SUP			A/B	BCE A/B/C/D JR					
			WT VVG	R	C	c	65		R	CE	SEWT	STQA	MP						
Thurs	sday	HONORS*		E	CE BJ		SE VVG		E	D	A	В	С]					
			VVG	A	D	J	VVG		A	BJ	VVG	KN							
Frid	day	HONORS*	COA SUP	- К	CE B BJ	SEWT C VVG	STQA D AL	MP A	- к -	<mark>STQA</mark> AL		Activity Based Learning							
			•				Subject Ab									-			
CE	Communication Engineering						Computer Organ			ure	SE		Software Engineering						
WT	Web T	echnologies			BCE	BCE Business Communication and					STQ.	A	Software Testing and Quality Assurance						
SUP	Dr. Sau	ona Prabhu			VVG	Faculty Abbreviation VVG Prof. Vaibhav Godbole				AL			Prof. Archana Lopes						
BJ		Binsy Joseph			KN		rof. K. Narayan				JR			n Rodrigues					

• Note: Classrooms for Honors Program- BCT- 501/CSL- 306/DS- 801/AIML- 811/ROBOTICS- 406/ 3-D Printing -706





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(Dr. Sapna Prabhu) H.O.D. (Electronics and Computer Science)



Class :	B.E. E.C	S .								Roor	n Numbe	er: 302				
Class T	eacher:	Prof. Pra	ajkta	Bhanga	le					With Effect From: 8 th August 2022 to 30 th October 2022						
		08.45 a.	m	9.45a	a.m		11:00 a.m.	_	12:00 p.m		1.30 p	.m	2.30	p.m	. 3.30 p.m	
		9.45 a.m.		10.45 a.m.			12:00 p.m.		1:00 p.m.		2.30 p	.m.	3.30	p.m.	4.30 p.m	
		VLSI	lo	т	BDA											
Mon	iday	Α	В		С		P	PROJE	ECT DAY		F	PROJECT	DAY			
		DVB	SU	Р	РКВ					╡╻╞						
		VLSI	lo	т	BDA		VLSI		ΙΟΤ	U	MIS/OF	R/CSL	B	DA/DL		
Tuesday Wednesday		D	A		В		DVB		SUP	N	JM/VSE	3/UL		(B/DK		
		DVB	SJ	P	VVG		DAR		304		302/		302/306			
		<mark>BDA/DL</mark> PKB/DK 302/307		B SUP R			<mark>ВСТ/СС</mark> РКВ/ЈМ 309/302		MIS/OR/CSL JM/VSB/UL 302/							
		VLSI	lo	Т	DL	E	IOT		VLSI	R	<mark>MIS/OR/CSL</mark> JM/VSB/UL		BC	CT/CC		
Thurs	sday	В	C		D	A K	SUP	-	DVB	Ā				PKB/JM		
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<u> </u>	24615							1.1.1.	Subject Abbreviation					D'- Data A	Averal value	
VLSI DL	VLSI D	esign Learning					loT CC	_	ernet of Things ud Computing			BDA BCT		Big Data A	Analysis n Technology	
MIS	Management Information System				OR	eration Research			CSL			urity and Laws				
							1	1	Faculty Abbreviation			1				
SUP		pna Prabhu				DVB Dr. D.V. Bhoir			DK			Prof. Dipali Koshti				
JM		ayen Modi					РКВ	Pro	f. Prajkta Bhangale			SJP		Prof. Shilp	ba Patil	
VVG	Prof. \	/aibhav Godb	ole	~												





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(Dr. Sapna Prabhu)

H.O.D. (Electronics and Computer Science)



Class : S.	.E. CON	MPUTER(A)						Roo	m Num	ber: 506	5				
Class Tea	acher:	Prof. Parshvi	Shah					With Effect From: 8 th August 2022 to 30 th October 2022							
		08.45 a.m 9.45 a.m.	9.45a.m 10.45 a.m.			11:00 a.m 12:00 p.m.		12:00 p.m 1:00 p.m.) p.m 0 p.m.) p.m) p.m.	3.30 p.m 4.30 p.m	
Monda	ay	OOPM PS	DLCOA HP		DS PMD		DiS SSK	L	DS A KPD	DLCOA B HP	CG C SFN	OOPM D PS			
Tuesday		EM III PNL	CG SFN		DS PMD		DLCOA HP	U N C H	DS D PMD	DLCOA A HP	CG B SFN	OOPM C PS			
Wednesday			OOPM PS	BR	CG SFN		EM III PNL		DS C PMD	DLCOA D HP	CG A SFN	OOPM B PS			
Thursd	lay	EM III PNL	DS PMD	E A K	DiS SSK		CG SFN	R E A K	DS B PMD	DLCOA C HP	CG D SFN	OOPM A PS			
Frida	y		EM III (Tut) PNL		DLCOA HP		DiS SSK			1 1	4	ctivity Ba	ased Session		
							Subject Abbreviation							•	
ООРМ	Object	Oriented Programn	ning Methodology		DLCOA		ital Logic and Computer Or hitecture	ganizatio	on &	DS		Data Struc	tures		
EM III	Engine	ering Mathematics	111		CG	Con	nputer Graphics			DiS		Discrete Structures			
PS SFN		arshvi Shah ushma Nagdeote			HP PMD		Faculty Abbreviation f. Heena Pendhari f. Prajakta Dhamanskar			SSK MN		Prof. Supriya Kamoji Prof. Monali Shetty			

(Dr. S.S. Rathod) Principal

CAO A FR. AGNEL ASHRAMBANDRA 12110201-50



(Dr. Sujata Deshmukh) H.O.D. (Computer Engineering)



Class : S.E. C		R(B)							Roon	n Numbe	r: 607			
Class Teach	er: Prof. I	Heenak	ausar F	Pendha	ri				With	Effect Fr	om: 8 ^t	^h August 2022	2 to 30 th Octobe	er 2022
		a.m a.m.		a.m 5 a.m.		11:00 a 12:00		12:00 p.m 1:00 p.m.		1.30 p. 2.30 p.		2.30 p.m 3.30 p.m.	3.30 p.m 4.30 p.m	
Monday		G ⁻ N		iS SK		OOF PS		DLCOA HP		DS PD		EM III PVS		
Tuesday	A B C D PKP PMD SAP SSK DLCA CG OOP M DS		-	Di: SS		OOPM PS	L U N	EM II PVS		CG SFN				
Wednesday	A	В	M C	DS D AAP	в	DS PM		DLCOA HP	СН	DiS SSK				
Thursday	SAP CG A	SSK OOP M B	PKP DS C	DLCA D	R E A	CC		DLCOA HP	B R E	EM II PVS				
Friday	SSK DS A	PKP DLDA B	AAP CG C	SAP OOP M D	К	EM III PV		DS PMD	А К			Activity B	ased Session	
	KPD	SAP	SSK	РКР				Subject Abbreviation						
OOPM EM III	Object Oriented Programming Methodology Engineering Mathematics III				gy	DLCOA CG	Digital Log Computer	gic and Computer Organiz	zation & Are	chitecture	DS DiS	Data Structures Discrete Structu		
PS SFN SAP	Prof. Parshvi Shah Prof. Sushma Nagdeote Prof. Sangeeta Parshionikar				HP PMD PKP		na Pendhari akta Dhamanskar		SSK KPD AAP		Prof. Supriya Ka Prof. Kalpana Do Prof. Ashwini Pa	eorukhkar		
KKW	Prof. Krant					JN	Prof. Jagr	uti Nagoankar						



FR. AGNEL ASHRAMBANDRA MUMBANDRA q g

(Dr. Sujata Deshmukh) H.O.D.(Computer Engineering)



Class : T	.E. CON	1PUTER(A)							Roor	n Numbe	er: 811					
Class Te	acher:	Prof. Prachi F	Patil						With	Effect Fr	om: 8 th	' Augus	t 2022	to 30 th	Octobe	er 2022
		08.45 a.m 9.45 a.m.	9.45a.m 10.45 a.m.		11:00 a 12:00) p.m) p.m.		1.30 p. 2.30 p		2.30 p 3.30 p		3.30 p 4.30 p		
Mono	day	TCS SAP	CN MT		IF PK			IR	L	DWI SPD		SE A BSD	CN B MT	DWM C KKW	MP D	-
	HONORS* DWM				SE	CN	DWM	MP		CN		S	F			
Tuesc	Tuesday HONORS*		SPD		B BSD	C JN	D SPD	A	- C	MT		BS	-			
Wedne	sday	HONORS*	SE BSD		IF PI	, ,	(CN MT	H	TCS SAP		DW SP				
			SE	BR	SE	CN	DWM	MP	B	TCS	5		BCE	(Pract)		
Thurs	day	HONORS*	BSD	E	D BSD	A JN	B SPD	C	E	SAP				8/C/D		
			DCE	A	SE	CN	-	MP	– А – К							+
Frida	ay	HONORS*	BCE JR	к	С	D	A	В		IP PKF		Act	ivity Ba	ised Sess	sion	
					BSD	MT	SPD Subject Ab									<u> </u>
DWM	Dataware Housing and Mining				SE		Software Engine				IP	Ir	nternet Pr	ogrammin	g	
CN	Computer Networks				BCE		Business Comm Faculty Abl	unication and	Ethics		TCS			Computer S	<u> </u>	
SPD	Dr. Sujata Deshmukh				MT		Prof. Merly Tho				РКР	P	rof. Prach	ni Patil		
BSD	Dr. Brijr	nohan Daga			SAP		Prof. Sangeeta P	arshionikar			KKW	P	rof. Krant	i Wagle		

• Note: Classrooms for Honors Program- BCT- 501/CSL- 306/DS- 801/AIML- 811/ROBOTICS- 406/ 3-D Printing -706

(Dr. S.S. Rathod) Principal





(Dr. Sujata Deshmukh) H.O.D. (Computer Engineering)



Class: T	.E. CON	1PUTER(B)					Roo	m Num	ber: 60	6			
Class Te	eacher:	Prof. Jagruti	Nagaonkar				Wit	h Effect	From:	8 th Aug	ust 2022	2 to 30 th Octobe	er 2022
		08.45 a.m 9.45 a.m.	9.45a.m 10.45 a.m.		11:00 a.m 12:00 p.m.	- 12:00 p.m 1:00 p.m.) p.m 0 p.m.) p.m) p.m.	3.30 p.m 4.30 p.m	
Mon	day	CN JN	BCE JR		DWM KKW	SE AAP			TCS SAP			Practical B/C/D)	
Tues					IP PKP	DWM KKW		SE B AAP	CN C JN	DWM D KKW	MP A	-	
Wedne	esday	HONORS*	CN JN		SE AAP	TCS SAP	H	SE C AAP	CN D JN	DWM A KKW	MP B	-	
Thurs	sday	HONORS*	BCE JR	B R E	<mark>IP</mark> PKP	TCS SAP	REA	SE A AAP	CN B JN	DWM C KKW	MP D	-	
Frid	ay	HONORS*	I <mark>P</mark> PKP	K	CN JN	DWM KKW	ĸ	SE D AAP	CN A JN	DWM B KKW	MP C		
						Subject Abbreviation							
DWM CN	Dataware Housing and Mining Computer Networks				SE BCE	Software Engineering Business Communication and	Ethics		IP TCS			Programming Computer Science	
KKW	Prof. Ki	ranti Wagle			AAP	Faculty Abbreviation Prof. Ashwini Pansare			PKP		Prof. Prac	hi Patil	
JN		gruti Nagoankar			SAP	Prof. Sangeeta Parshionikar			RSP		Prof. Rosh	nni Padate	

• Note: Classrooms for Honors Program- BCT- 501/CSL- 306/DS- 801/AIML- 811/ROBOTICS- 406/ 3-D Printing -706







(Dr. Sujata Deshmukh) H.O.D. (Computer Engineering)



Class :	B.E. CO	MPUTE	R(A)									Roo	m Numbe	er: 707			
Class T	eacher:	Prof.	Unik Lo	khande	9							Witl	n Effect F	rom: 8 ^t	^h August 202	2 to 30 th Octobe	er 2022
			5 a.m 5 a.m.		a.m 5 a.m.		11:00 12:00		-	12:00 1:00	•		1.30 p 2.30 p		2.30 p.m 3.30 p.m.	3.30 p.m 4.30 p.m	
Mor	ndav	NLP A	BCT B	BDA C	ML D	-	ML A	NL		BCT C	BDA D		•				
WICH	luay		MNS	N1	SKS	1	SKS	U		MNS	N1	L					
Tues	uesday NLP KPD BDA N1					M Sk			BC		U N C	MIS/OF N2/VS 707/70	B/UL				
Wedn	esday		LP PD		1L <s< td=""><td>B</td><td>BC</td><td></td><td></td><td>BD N</td><td></td><td>H</td><td>MIS/OF N2/VS 707/70</td><td><mark>r/CSL</mark> B/UL</td><td></td><td></td><td></td></s<>	B	BC			BD N		H	MIS/OF N2/VS 707/70	<mark>r/CSL</mark> B/UL			
Thur	sday		LP PD		1L KS	R	BCT A	BD B		ML C	NLP D	R	MIS/OF N2/VS	R/CSL			
			PD	5	13	A	MNS	N		RSP	UL	A	707/70				
Fric	day					K	BDA A	M B	3	NLP C	BCT D	К	BC MN				
							N1	RS		UL.	MNS						
NLP	Natura	al Langua	ing			BCT			ubject Abbi				ML	Machine	Learning		
BDA	Big Data Analytics			MIS			agement Info	e ,	tem		OR		n Research				
CSL	Cyber Security and Laws																
UL	Prof I	Jnik Lokha	ande				MNS			aculty Abbr				SKS	Dr. Sunil	Surve	
KPD			eorukhkar				N1			Faculty 1	LY			51(5	DI. Sulli	Juive	

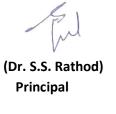




(Dr. Sujata Deshmukh) H.O.D. (Computer Engineering)



Class :	B.E. CO	MPUTE	ER(B)									Roo	m Numbe	r: 701			
Class T	eacher:	Prof.	Monica	Khano	re							Witl	n Effect Fr	om: 8 ^t	h August 202	2 to 30 th Octob	er 2022
			5 a.m		a.m		11:00			12:00			1.30 p		2.30 p.m	3.30 p.m	
			a.m.		5 a.m.		12:00	p.m.		1:00			2.30 p	.m.	3.30 p.m.	4.30 p.m	
		ML	NLP	BCT	BDA		BDA	M	L	NLP	BCT						
Mon	day	A	В	C	D		A	В		С	D						
		RSP	KPD	МТК	N2		N2	RSI	Р	KPD	MTK	L					
						1	NLP	BC	T	<mark>BDA</mark>	ML	U	MIS/OR	/CSL			
Tues	esday N2 KPD			A	В		С	D	N	N2/VSE	B/UL	ML					
	NZ			KI	טי		UL	MT	ΓK	N2	RSP	C	707/706	5/701	RSP		
	BCT NIP			BCT	BD.	A	ML	NLP	н	MIS/OR	/CSL						
Wedn	/ednesday BCT NLP				Α	В		С	D		N2/VSE						
	-		ITK	KI	PD	В	МТК	N2	2	RSP	UL	В	707/706				
Thur	sday		DA 12		LP PD	R E A	M			BC MT		R E A	MIS/OR N2/VSE 707/706	3/UL			
Frid	lay					К	BC N			M RS		к	BC1 MTI	_			
				-			·		S	ubject Abbr	eviation				·		-
NLP	Natural Language Processing					BCT		Block	chain Techno	ology			ML	Machine	~		
BDA	<u> </u>	ta Analyti					OR		Oper	ation Researd	:h			CSL	Cyber Se	curity and Laws	
MIS	Management Information System																
	Duct 1	No. In 1 B								aculty Abbr				NATI/	Dest		
RSP KPD		Roshni Pad	date eorukhkar				UL		Prof.	Unik Lokhan	be			MTK	Prof. Mo	nika Khanore	
ΠU	PTOT. N	alpana D															







(Dr. Sujata Deshmukh) H.O.D. (Computer Engineering)



Class : S.	.E. (AI8	dDS)							Ro	om N	umber	806			
Class Tea	acher:	Prof. Swapna	li Makdey						w	ith Eff	ect Fro	m: 8 th /	August 2	022 to 30 th October	2022
		08.45a.m 9.45 a.m.	9.45 a.m 10.45 a.m.		11:00 a 12:00		12:00 1:00	-			30pm- .30pm		30pm- 3.30pm	3.30 p.m 4.30 p.m	
Mond	day	EM III PVS	CG GBT		DLCA A	CG B	DS C	JAVA D			DLCA SAM				
		DS	CG	-	SAM	GBT	JKS	SMR		CG	DS	JAVA	DLCA		
Tuesd	day	PD	GBT		SM	-	SN	/R	UNC	A GBT	B JKS	C PD	D SAM	_	
Wedne	sday	DS PD	EM III PVS	BREAK	DS0 SM	-	GE	G BT	LUNCH BRREAK	DS A JKS	JAVA B PD	DLCA C SAM	CG D GBT	_	
Thurse	day	DS PD	JAVA SMR		EM PV		DLC SA	CA M	AK		MIN	II PROJI	ECT		
Frida	ay	DLCA SAM	DSGT SMD		JAVA A SKK	DLCA B SAM	CG C GBT	DS D JKS			EM III PVS		Activit	y Based Session	
								Abbrevia	ation						
DS		ta Structure			CG		omputer Gr						M-III	Engineering Mathematics	
JAVA	JAVA	Programming-OOF	DSGT	D	iscrete Struc	ctures and Abbrevia		h Theor	у	D	LCA	Digital Logic and Compute	er Architecture		
SAM	Prof.	Swapnali Makdey			SMD	Р	rof. Sarika D					G	iBT	Prof. Garima Tripathi	
SMR		Swati Ringe			JKS		r. Jagruti Sa					-	KK	Prof. Saurabh Kulkarni	
PD		Prachi Desai			PS	Р	rof. Pradeep	Singh							

(Dr. S.S. Rathod) Principal





for 8

(Dr. Jagruti Save) H.O.D. (Artificial Intelligence and Data Science)



Class : T.E. (Al	&DS)							Roc	om Nun	nber: 801	L				
Class Teacher	Prof. Sarika	Davare						Wit	h Effec	t From: 8	th August	2022 to	30 th C	ctobe	r 2022
	8.45a.m 9.45 a.m.	9.45 a.m 10.45 a.m.		11:00 12:00	a.m. –)p.m.		0p.m 0p.m.			0pm- 80pm	2.30 3.30	•)pm-)pm	
Monday	CN SAM	WT SMR			VM /ID		AI SKK		AI A SKK	DWM B SMD	WCN C SMR	MP D	-		
Tuesday	HONORS*	AI SKK	В	C SA	N M	GB	<mark>ATISTICS</mark> T/JKS L/811	U N C		WM MD		BCE(pra A,B,C, JR	•		
Wednesday	HONORS*	CN SAM	R E A	WT A SMR	MP B	AI C SKK	DWM D SMD	H B		3CE JR	W SM				
Thursday	HONORS*	DWM SMD	К	MP A	AI B SKK	DWM C SMD	WT D SMR	R E A	GB	<mark>ATISTICS</mark> T/JKS 1/806	DWM A SMD	WT B SMR	MP C	AI D SKK	
Friday	HONORS*	IOT/STATISTICS GBT/JKS 801/607			CE R	S	NT MR	– к		АІ БКК	Activi	ty base	d Sess	ion	
	icial Intelligence			WC		/eb Computing	bbreviation			CN	Computer				
	Warehousing and ness Communication			Statist WCN		atistics for AI & /eb computing a	nd Network La	ab		IOT MP	Internet of Mini Projec				
	. Saurabh Kulkarni . Jagruti Save			SMR GBT		Faculty A rof. Swati Ringe rof. Garima Tripa	bbreviation			SAM SMD	Prof. Swap Prof. Sarika		У		
JR Prof	Joseph Roarigues			001	F	or. Garinia Mpe									

• Note: Classrooms for Honors Program- BCT- 501/CSL- 306/DS- 801/AIML- 811/ROBOTICS- 406/ 3-D Printing -706





for

(Dr. Jagruti Save) H.O.D. (Artificial Intelligence and Data Science)



Class : S	5.E. ME	CHANICAL						Roor	n Numb	er: 407			
Class Te	eacher:	Prof. Deepika	a Singh					With	Effect F	rom: 8 th	August 202	2 to 30 th Octobe	er 2022
		08.45 a.m 9.45 a.m.	9.45a.m 10.45 a.m.		11:00 a.m 12:00 p.m.		.2:00 p.m 1:00 p.m.		1.30 p 2.30 p		2.30 p.m 3.30 p.m.	3:30 p.m 4:30 p.m.	
Mono	day	PP VBR	EM PNL		SOM DS		TD VSJ	L	MT A VS	CAMD B ANT	W/S C	-	
Tueso	day	PP VBR	MT VS		EM PNL		SOM DS	U N C	MT C VS	CAMD A ANT	W/S B	_	
Wedne	esday		TD VSJ	В	SOM DS		MT VS	H	MT B VS	CAMD C ANT	W/S A	_	
Thurs	day		EM PNL	R E	TD VSJ		PP VBR	R E					
Frida	ау		EM(T) PNL	ĸ	MT VS		PP VBR	ĸ			Activity E	Based Session	
	1					-	t Abbreviation			1	1		
EM-III	-	ering Mathematics-	-111		SOM	Strength of				PP	Producti	on Processes	
MM	Mater	ials and Metallurgy			TD	Thermodyr							
VSJ	Dr. V.S	S.Jorapur			VS	Dr. Vasim S	Abbreviation			VBR	Prof. M.	/.B.Rao	
DS		Deepika Singh											

(Dr. S.S. Rathod) Principal





(Dr. Bhushan Patil)

H.O.D. (Mechanical Engineering)



Class :	T.E. ME	CHANICAL						Rooi	n Numbe	er: 406			
Class To	eacher:	Prof. M.V.B.	Rao					With	n Effect Fr	om: 8 th	August 2022	to 30 th Octobe	er 2022
		08.45 a.m 9.45 a.m.	9.45a.m 10.45 a.m.		11:00 a.m. 12:00 p.m		12:00 p.m 1:00 p.m.		1.30 p 2.30 p		2.30 p.m 3.30 p.m.	3:30 p.m 4:30 p.m	
Mon	day	DOM AS	MMC SAK		<mark>opt/doe</mark> VSB/VBR 406/401		FEA DB	L	TE VS.				
Tues	esday HONORS* BCE JR BCE				<mark>opt/doe</mark> VSB/VBR 406/401		DOM AS	U N C	TE VS.				
Wedne	dnesday HONORS* BCE JR B		-	<mark>OPT/DOE</mark> VSB/VBR 406/401	R I	FEA DB	H	MM SAł		DOM AS			
			TE	R	TE	FEA	DOM	R	TE	FEA	DOM		
Thurs	sday	HONORS*	VSJ	E	DS	DB	AS	E	VSJ	DB	DS		
			V 3J	A	В	С	A	Α	С	A	В		
			FEA	K	TE	FEA	DOM	к	MM	c	I	BCE	
Frid	lay	HONORS*	DB		VSJ	DB	DS		SAI		A	/B/C	
			DB		А	В	С		JAI			JR	
						Subjec	t Abbreviation						
MMC	Mecha	anical Measurement	ts and Controls		TE	Thermal E	ngineering			DOM	Dynamics	of Machinery	
FEA	Finite Element Analysis				DoE	Design of I	Experiments			ОТ	Optimizat	ion Techniques	
						Facult	y Abbreviation						
VSB	Dr. V.	S. Bilolikar			VSJ	Dr. V. S. Jo	rapur			VBR	Prof. M.V	.B. Rao	
SAK	Prof. S	aurabh Korgaonkar			DB	Prof. Dipal	i Bhise			AS	Prof. Aksh	nay Save	
JR	Dr. Jos	seph Rodrigues											

• Note: Classrooms for Honors Program- BCT- 501/CSL- 306/DS- 801/AIML- 811/ROBOTICS- 406/ 3-D Printing -706





(Dr. Bhushan Patil) H.O.D. (Mechanical Engineering)



Class : B	.E. ME	CHANICA	L								Roo	m Numbe	er: 401			
Class Te	acher:	Dr. Vasir	n Sha	ikh							Wit	h Effect Fr	om: 8 th	August 202	2 to 30 th Octob	er 2022
		08.45 a. 9.45 a.r			5a.m 15 a.m.		11:00 a.m 12:00 p.n	-		2:00 p.m .:00 p.m.		1.30 p 2.30 p		2.30 p.m 3.30 p.m.	3:30 p.m 4:30 p.m	
		DMES	MĒ	L	IS											
Mond	lay	KJ	VS. B		SKD C	-		PR	OJECT DAY	(F	ROJECT	DAY		
		A			-		DMES		MEL	IS	L	MIS/OR	/DM			
Tuesd	lay	MDG ABR			MES KJ		KJ		VSJ	SKD	Ν	JM/VSB,	/нмк			
						С		А	В	С	302/706	5/401				
	LSCM RES/AP					DMES		MEL	IS	н	MIS/OR	/DM	DMES			
Wednes						KJ		VSJ	SKD		JM/VSB,		KJ			
		580		403	1/402	B	В		С	A	В	302/706		10		
Thurso	day	DMES KJ	5	VS,	<mark>:S/AP</mark> /MVR 1/402	R E A	LSCM SKD			MDG ABR	R E A	MIS/OR JM/VSB/ 302/706	/нмк			
Frida	ay	LSCM SKD		VS,	<mark>:S/AP</mark> /MVR 1/402	К	DMES KJ			MDG ABR	к					
									Subject	Abbreviation						
OMES	Desigr	of Mechanic			LSCM		Logistics and	l Supply Chain M	anageme	nt	RE	Renewat	le ES			
٩P	Autom	notive power			MD		Mach Diag				VC	Vibratior	Control			
	1							-	-	Abbreviation						
/SB	-	5. Bilolikar					КJ	_	Dr. Ketki Jos	hi			ABR	Dr. Arun	Rane	
VS	Dr. Va	sim Shaikh					SKD		Dr. S.K.Das							

(Dr. S.S. Rathod) FR. AGNEL ASHRAMBANDHA MUMBANSO 19 Principal



(Dr. Bhushan Patil)

H.O.D. (Mechanical Engineering)



Class :	B.E. PR	ODUCTION						Rooi	m Numbe	er: 511				
Class T	eacher:	Prof. Dipali B	hise					Witł	n Effect Fi	om: 8 ^t	^h August	2022	to 30 th Octobe	er 2022
		08.45 a.m 9.45 a.m.	9.45a.m 10.45 a.m.		11:00 a.m. 12:00 p.m		12:00 p.m 1:00 p.m.		1.30 p 2.30 p		2.30 p. 3.30 p.		3:30 p.m 4:30 p.m	
Mor	vebu	CE	EFAC		ACE SAK		CAE		PDI		ACI		•	
WO	luay	ABR	ANT		A		B	L	KJ		SAł	<		
Tues	day	EFAC ANT	FM ANT		ACE SAK		CAE ABR	U N	AC SAI					
Wedn	esday	PDIM KJ	FM ANT	В	B ACE SAK C		C CAE ABR A	C H B	CE AB					
Thur	sday		FM ANT	R E A	ACE SAK		PDIM KJ	R E A	EFA AN	-	CE ABI			
Fric	lay			к				K						
							Subject Abbreviation							
ACE	Autom	nation and Control E	ingineering		CAE	Co	mputer Aided Engineering			EEFCA		gineerir countar	ng Economics, Finano Ncy	ce, Costing and
FM	Financ	e Management												
ANT	Prof. A	Anant Tarse			SKD	Dr.	Faculty Abbreviation S.K. Das			KJ	Dr.	. Ketki Jo	oshi	
SAK	Prof. S	aurabh Korgaonkar			ABR	Dr.	. Arun Rane							

(Dr. S.S. Rathod) FR. AGNEL ASHRAMBANDRA 08 Principal

MERCENSIO

FR. AGNEL ASHRAMBANDRA MUMBANSD OF EN C.AO

(Dr. Bhushan Patil)

H.O.D. (Mechanical Engineering)

Class : S.E. (EC	5)						10.00		Roo	m Numb	er: 307		1271-22-		No.
Class Teacher:	Prof. Arcl	hana Lop	pes						Wit	h Effect I	From: 23rd	d Jan. 20	23-21st A	pril 2023	
	9.00 a.n 10.00 a.i		10.00 a.m 11.00 a.m.			5 a.m 5 p.m.		5 p.m 5 p.m.		1.45	5 p.m 5 p.m.	2.45	5 p.m 5 p.m.		
Monday	MPMC SUP	:	EC DVB			SAT AL		CI			EC D		HON		
					EC	PYTHON	0	1.001.00			VB		AL		
Tuesday	lay CI EM-IV KN PVS				A	B	CI	MPMC	- 1	EC	PYTHON	MPMC	PYTHON		
rucsuay	KN		PVS		DVB	AL	KN	D	-	C	D	A	B		
					PYTHON		MPMC	PYTHON		DVB	РКВ	BJ	AL		
Wednesday	nesday EC DSAT				A	B	C	D	5	1.00	CI	EM	-IV(T)		
realizeday	nesday DVB AL			BRE	AL	DVB	BJ	РКВ	LUNCH		KN	F	VS		
	CI	МРМС	PYTHON	BREAK				TRD							
Thursday	A	В	С			PMC	EN	/I-IV	BREAK		SAT		EC		
	DVB	SUP	AL		S	UP	P	vvs	~	12.00	AL	0	OVB .		1.00
S STAN ADDITA			110110		EC	PY	THON	CI							
Friday	EM-IV PVS		MPMC SUP		В		С	D	1 1	MIN	I PROJECT/M	ENTORING/	SDP*	-	
	1 45		30F		DVB		AL	KN	1						
Saturday										1	1.50				
					1	5	Subject Ab	breviation	<u> </u>						
EM-IV	Engin		EC		Ele	ectronic Circ	uits		CI		Cont	rols and Instrumer	ntations		
MPMC	Microprocessors and Microcontrollers				DSAT	Di	screte Struc	tures and Au	utomata	Theory	Pytho	n		Python Lab	
							Faculty Ab	breviation							
PVS	the second s	rof. Pradee	and the second se		DVB		D	r. Deepak Bh	oir		KN			Prof. K. Narayana	in
SUP		Dr. Sapna P	Prabhu		AL		Pro	f. Archana L	opes						

Bluch H.O. D.

(Electronics and Computer Science)



(Dr. S.S. Rathod) Principal

							lumber: 30						
lass :T.E. (ECS)				10000		With Ef	fect From: 2	3rd J	an. 202	23-21st A	April 202	23	
lass Teacher:				11.15 a.m	12.15 p.m		1.45 p.m	1	2.4	5 p.m	9.00	a.m) a.m	
	her: Prof. Prajkta Bhangale9.00 a.m 10.00 a.m10.00 a.m 11.00 a.m.WML ALCN 			12.15 p.m.	1.15 p.m.		2.45 p.m ESRTOS	n. AIC		5 p.m. LINUX	10.00	a.m.	
				DWM	ESRTOS		D	A		В			
Monday		1222		VVG	SUP		SUP	B.		VVG			
monauty	AL						LINUX		DWM	DWM	DWM	DWM	
		MI		AI	CN		VVG		A	В	С	D	*Online
Tuesday	HONORS	AL		РКВ	BJ				VVG	VVG	DK	DK	
						3	ESRTOS	A	CN	LINUX			
		DWM		ESRTOS	LINUX	LUNCH BREAK	A		B	С			
Wednesday	HONORS	The second s	BREAK	SUP	VVG	HB	BJ	P	КВ	VVG			
			AK			RE	ESRTOS	A	ICN	LINUX	_		
		DWM		AL	Al	×	В	-	С	D	-		1
Thursday	HONORS	VVG		AL	РКВ		BJ		KB	VVG LINUX	-		
			1		ESRTOS		ESRTOS	A	D D	A	-		
Friday	HONORS			CN BJ	SUP		C BJ	-	КВ	VVG	-		
Fluay		РКВ				-	0,	<u> </u>	T				
Saturday											-		
Jacuruay					Subject Abbrevia	tion		CN			Compu	ter Netwo	orks
FEDTOS	Embedded Systems and RTOS		5	AI	Artificial In			LINU	x		Linux S	ystem Ad	min
ESRTOS DWM	Data wareh	ousing and Minin	g	ML	Machine			LINU	<u>a</u> 1				
DVVIVI		·			Faculty Abbrevia	a Bhangale		BJ			Prof.	Binsy jose	ph
SUP	Dr. S	apna Prabhu		РКВ		ana Lopes							
VVG	Prof. Va	aibhav Godbole	10	AL	Prot. Arch	the second s	slot						

SDP: Any Student Development Program / Mentoring/ Extra Lecture will be scheduled during this slot

Dhob

H.O. D. (Electronics and Computer Science)



(Dr. S.S. Rathod) Principal

Class :B.E. (ECS))					Room Nu	mber: 302			
Class Teacher:	Prof. Jayen M	odi				With Effe	ect From: 23rd	lan. 2023-21st	April 2023	
	9.00 a.m 10.00 a.m	10.00 a.m 11.00 a.m.		11.15 a.m 12.15 p.m.	12.15 p.m 1.15 p.m.		1.45 p.m 2.45 p.m.	2.45 p.m 3.45 p.m.		
	NLP	ROBOTICS		NLP	ROBOTICS					13-5
Monday	А	В	N.C.	В	A		PROJ	ECT		
	DK	JM	1	DK	JM					
Tuesday	MMVR/SS JM/PKB 302/311	PM/FM JM/BSD 302/511		NLP DK	ROBOTICS JM		PRO.	JECT		
Wednesday	MMVR/SS JM/PKB 302/311	PM/FM JM/BSD 302/511	BREAK	NLP DK	ROBOTICS JM	LUNCH BREAK	PRO.	JECT		
Thursday	MMVR/SS JM/PKB 302/311	PM/FM JM/BSD 302/511	~	NLP DK	ROBOTICS JM	REAK	PRO.	IECT	*Online	
	NLP	ROBOTICS		NLP	ROBOTICS		PRO.	JECT		
Friday	D	С		С	D					
	DK	JM	1.11	DK	ML			-		
Saturday										
					Subject Abbreviati	on				
ROBOTICS	60213	obotics		NLP	Natural Languag		PM		Project Management	t
FM	Finance	Management		MMVR	Multimedia and \		SS		System security	
DK	De-C D	last Kashal			Faculty Abbreviati		1			
DK	Prof. D	ipali Koshti		РКВ	Prof. Prajakta	Bhangale	ML		Prof, Jayen Modi	

Rob

H.O. D. (Electronics and Computer Science)



(Dr. S.S. Rathod) Principal

Class : SE Me	chanical							Room	Number: 4	07			1
Class Teacher	Prof. Dee	pika S	Singh		The second second			With	Effect From	: 23rd Jan	. 2023-21st	April 2023	1.1.2.7.1
	9.00 a.n 10.00 a.i		10.00 a.m 11.00 a.m.		11.15 12.15	CCCC24, 1272-1	12.15 p.m 1.15 p.m.		1.45 p. 2.45 p	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.45 p.m 3.45 p.m.		
	IE		CAD/CAM		EM	-11/	FM		IE	PYT	CNC		
Monday	SJP		DB		PV		DS		A	В	С		
			00			5	03		SJP	AA	VS		
Tuesday	iay IE EM-IV SJP PVS				EM PV		SDP*						
	Psdav				CAD/	CANA	KOM	3	CNC	КОМ	IE		
Wednesday	lesday			BH	D		KOM	NC	A	В	С	C. C. C. C. C. C.	
	311		FV3	BREAK		В	AS	HB	VS	AS	SJP		
				×	PYT	CN	с ком	LUNCH BREAK					
Thursday	DB		DS		A	B	С	AK		SDP*			
	00		05		AA	VS	S AS						
	KOM	IE	PYT		IE	-	ком			SDP*	The Barlow		
Friday	A	В			SJ		AS						
and the second second	AS	SJP	P AA			r	AS						
Saturday													
	1.1.1					Sub	ject Abbrevia	tion	-			1	
							tic of machines			CAD/CAM	Computer Ai	ded Design & Man	uft.
IE Indu	strial Electroni	CS		_	FM	Fluid M	Aechanics						
PVS Pro	. Pradeep Sing	h	and the second second		КJ	Dr. Ket	taki Joshi		DSS	c	Prof D C C	Cudhalaar	
	. Shilpa Patil				DS	_	eepika Singh		035	5	Prof. D. S. S.	Sudnakar	

SDP: Any Student Development Program / Mentoring/ Extra Lecture will be scheduled during this slot

(Dr. S.S. Rathod) Principal



H.O.D. Mechanical Engineering

Class : TE Me	chanical						Room	Number: 4	06			
Class Teacher	: Prof. Miriyala	Veerabhadrara	0				With E	ffect From	23rd Jan	2023-21st A	pril 2023	1-1-1
	9.00 a.m 10.00 a.m	10.00 a.m 11.00 a.m.		11.15 a. 12.15 p.		.15 p.m .15 p.m.		1.45 p. 2.45 p.		2.45 p.m 3.45 p.m.		
	PTD/MFT	TRBM		A & A		MD		HVAC	ME &A	MD		
Monday	ABR/ANT	AS		SAK		KJ		A	В	С		The Contract
Share and the	406/701	AS		JAK		NJ		VSK	SAK	КJ		
		INVAC			PT	TD/MFT		TM	HVAC	ME &A		
Tuesday	HONORS	HVAC		A & A		BR/ANT		A	В	С		
		VSJ		SAK	40	06/607	F	DS	VSJ	SAK		
					PT	TD/MFT	N	MD	TM	HVAC		
Wednesday	HONORS	TRBM	BREAK	MD	A	BR/ANT	¥	A	В	C	1	
		VSJ	AK	KJ		06/701	LUNCH BREAK	KJ	DS	VSJ	1	
		TRBM		HVA		MD	AK	ME &A	MD	TM		
Thursday	HONORS	Transfer State						A	В	С	1	
		DS		VSJ		КJ		SAK	KJ	DS		
Fuidau		TRBM		A&A	AI I	MD			*SDP			
Friday	HONORS	VSJ		SAK		KJ		1 bold in				1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Saturday												
					Subject	Abbrevia	tion				The state	
HVAC Hea	ating Ventilation and		TRBM	Turbo Machi				A&AI	Automation an	d Artificail Intelli	gence	
MFT Me	tal Forming Technolog		MD	Machine Des	sign			-				
KJ Dr.	Ketaki Joshi		10.11	SAK	Prof. Saurab	h Korgaonkar			DS	Prof. Deepika S	Singh	
and the second se	f. Anant Tarse			VSJ	Dr., V. S. Jora				102		aca. Millio	100000000000000000000000000000000000000

SDP: Any Student Development Program / Mentoring/ Extra Lecture will be scheduled during this slot

(Dr. S.S. Rathod) Principal

AIGUES CEICAO FR. AGNEL ASHRAM BANDRA MUMBAI-50

H.O.D. Mechanical Engineering

Class :BE Mecl	nanical				Room Numb	ber: 401		
	Dr. Vasim Shai	kh			With Effect	From: 23rd	Jan. 2023-21st Ap	pril 2023
cluss reacher	9.00 a.m 10.00 a.m	10.00 a.m 11.00 a.m.	11.15 a.m 12.15 p.r	Contraction of the second s		1.45 p.m 2.45 p.m.	2.45 p.m 3.45 p.m.	
Monday	PRO	JECT		PROJECT				
Tuesday		<u>PM/FM</u> JM/ANT 302/401	OPC SKD	SM VS		PDD A KJ	IOT B KKW	
Wednesday		<u>PM/FM</u> JM/ANT 302/401	TQM/PD ABR/K 401/30	J SKD				
Thursday		PM/FM JM/ANT 302/401	SM VS	TQM/PDD ABR/KJ 401/407		PDD C KJ	IOT A KKW	
Friday		SM VS	OPC SKD	ABR/KI		PDD B KJ	IOT C KKW	
Saturday						-		
	24-12-12-12			Subject Abbrevia Product Design and Deve		SM	Smart Materia	ls
TQM	Total Quality Manag		PDD	Product Design and Deve	lopinent			
FM	Finance Managemen	nt						
SKD	Dr. S.K.Das		VS	Dr. Vasim Shaikh		ANT	Prof. Anant Ta	rse
ABR	Dr. Arun B. Rane		KJ	Dr. Ketki Joshi				

(Dr. S.S. Rathod) Principal



H.O.D. Mechanical Engineering

Class :S.E.	AI &	DS									Room	Numbe	er: 806				
Class Teac	her:	Prof. G	arima	Tripath	i			24	- 51/25		With	Effect Fr	om: 23rd	Jan. 20)23-21st /	April 2023	
		9.00 10.00) a.m) a.m.		1000	a.m	100000	p.m p.m.		1000	15 p.m 45 p.m.	20040	5 p.m 15 p.m.		
Monda	v	DBMS	OS	PY	AOA (802)			MS		os			AOA		РҮ		
monda	'	A	B	С	D		SN	ИD	G	BT			PD	1 :	SKK		
Tuesda	у	SMD GBT SKK PD AOA DBMS PD SMD OS DBMS GBT SMD					AOA (809) A PD	MP B SAM	DBM S C JKS	OS D GBT	LUNCH BREAK		MP SAM	Mini F	Project/ M	lentoring	
Madaasa	Jau	C	S	DB	MS		EN	1-IV		DA	H BRE/	PY	AOA (810)	MP	DBMS		
Wednesd	aay	G	вт	SM	MD	BREAK	P	VS	P	D	X	A	В	С	D		
						AK	-					SKK	PD	SAM	SMD		
Thursda	av l						OS	PY	AOA (803)	MP			OS	E	M-IV		
marsuc	- 7	P	VS	SA	MA		A	В	С	D			GBT		PVS		
a contrainty							GBT	SMD	PD	SAM							
Friday		N	IP	P	Y		MP	DBM S	OS	PY		E	M-IV				
rnuay		SA	M	S	кк		A	В	C	D			PVS	1			
	-		-				SAM	JKS	GBT	SMD		-		-			
Saturda	ay					DALL R. D. S.C.		-									
								S	ubject A	bbreviati	on						
EM-IV		olied Mathematics				AOA		sis of Algo				MP		Microproces	and the second se		
OS	Opera	ating Syste	em	100			DBMS			gement Sy		Python	Programmin	ig !	Skill based P	ython Programming	
		0.11.5		-						bbreviati	on	1					
SMD PVS		Sarika Dav Pradeep S					PD SAM		Prachi Dal Swapnali N			SKK			Prof. Saurabl	h Kulkarni	

(Dr. S.S. Rathod) Principal

FR. AGNEL SHRAM BANDRI EIC MURADAL-50

for g

H.O.D.

Artificial Intelligence and Data Science

Class: T.E.A	& DS								Room Num	ber: 8	01				
Class Teach	er: Prof. Saurabh	Kulkarni					-		With Effect	From:	23rd Jan.	2023-21st	April 2023		
	9.00 a.m 10.00 a.m	10.00 a.m 11.00 a.m.		11.15 a. p.	m12.15 m.	1997 B	5 p.m 5 p.m.		1.45 p.m 2.45 p.m			5 p.m 5 p.m.	3.45 p 4.45		
	DAV	DC/IP		CSS	SEPM	DAV	ML		SEPM	DAV	ML	CC(802)			
Monday	DAV JKS	MT/SFN		A	В	C	D		A	В	С	D		1.11	1.1
	JKS	801/806		SKK	SM	JKS	SR		SAM	JKS	SMR	GBT		- 111	
								1	DAV	ML	CC(809)	CC(802)			
Tuesday	HONORS	DC/IP		N	1L	S	EPM		A	В	С	D			
Tuesday		MT/SFN 801/703		SN	ИR	S	MD		JKS	SMR	UL	GBT	1		
Superior			1	CC(803)	CC(810	D) CSS	SEPM	LUNCH							
Wednesda	esday HONORS CSS SKK				В	С	D	1 9	DAV		MENTORIN	G AND MINI	PROJECT	- 1 h-	
	esday HUNOKS CSS SKK		EAN	SR	GBT	SKK	SM	9	JKS						
			1					BREAK	SEPM		ML	CC(810)	CC(810)	CSS	
Thursday	HONORS	CSS	1		AV		ML	1~	SMD	1	A	В	С	D	
		SKK		IL II	KS	-	MR			ſ	PD	SMR	UL	SKK	
			1	DC	/IP				ML		CC(803)	CSS	SEPM	DAV	
Friday	HONORS	SEPM		MT,	/SFN		CSS		SMR	Ī	A	В	С	D	
		SMD		801	/806		SKK			Ī	SMR	SKK	SMD	JKS	
Saturday	,														
						Subject	Abbrevia	tion							
SEPM	Software Engineering and Project Management Data Analytics and Visualization					Cryptog	raphy and	Syste	m Security		ML		Machine Le	earning	
DAV	Data Analytic	1	DS		and the second se	stributed		uting		IP		Image Proc	cessing		
			-	-			Abbrevia	tion		_		_			Self.
and the second se	Dr. Jagruti Save	and the second		SMR		of. Swati Rir		_		SFN		Prof. Sushm	the second s		-
MTP I	Prof. Marly Thomas			SMD	Pr	of. Sarika Da	ivare			SKK		Prof. Saurab	h Kulkarni		

(Dr. S.S. Rathod) Principal

GUES FR. AGNEL ASHRAM BANDRA MUMEAI-50 EICA

H.O.D.

Artificial Intelligence and Data Science

								Room Num	ber: 702		
ss Teacher: P	Prof. Prajakta Dha							With Effort	From: 33rd to		
		m. – 10.00 a.m.	10.00 11.0		11.00 am - 11.15 am	11.15 a.m 12.15 p.m.		1.15 pm -	1.45 p.m. to 2.45	2.45 p.m. to 3.45	
	AoA	os	Pytho n	МР		p.m.		1.45 pm	p.m.	pm	
Monday	Α	В	с	D		AoA PMD	MP		EM IV	os	
	PMD	PKP	PZS	нр		FMO	HP		GIS	РКР	
	MP	Python	DBMS	OS						+	
Tuesday	Α	В	с	D		DBMS	EM IV		мр	Python	
	НР	PZS	SPD	PKP		SDP	GIS		HP	Programming PZS	
	OS	DBMS	МР	AoA						+	
Wednesda	Y A	В	с	D	BREAK	DBMS SDP	EMIV	LUNCH	os	AoA	
	РКР	SPD	НР	PMD		507	GIS	BREAK	РКР	PMD	
	Python	AoA	OS	DBMS						+	
Thursday	A	В	с	D		OS PKP	AoA PMD		EM IV (tut)	MP	
	PZS	PMD	РКР	SPD		r Kr	PMD		GIS	HP	
	DBMS	МР	AoA	Pytho n		Python				+	
Friday	Α	B	с	D		Programmin	DBMS SDP		Mini Project *		
	SPD	HP	PMD	PZS		PZS	SUP				
	Resp	ective Mento	ors								
EM-IV						-	Subject Abbreviation				
		pplied Mathematics				AOA	Analysis of Algorithms		MP	Microprocessor	
OS	Operating Syste	erating System				DBMS	Database Management System		Python Programming	Skill based Python Programm	ning
SPD	Dr. Sujata D	eshmukh				PMD	Faculty Abbreviation				-
GIS	Prof. Gajen					РМО	Prof. Prajakta Dhamnaska	r	НР	Prof. Heena Pendhari	
		2.				r Kr	Prof. Prachi Patil		PZS	Prof. Parshvi Shah	

(Dr. S.S. Rathod) Principal



(Dr. Sujata Deshmukh) H.O.D.(Computer Engineering)

Class : S.E. (Co	omputers) Div B								Room Num	nber: 703		
lass Teacher	: Prof. Ashwini Par	sare	1		1				With Effect	t From: 23 rd January to	21* April 2023	
		m. – 10.00 a.m.) a.m. – 00 am	11.00 am 11.15 ar	1. Experience (1997)	a.m. – 5 p.m.	12.15 p.m 1.15 p.m.	1.15 pm – 1.45 pm	1.45 p.m. to 2.45 p.m.	2.45 p.m. to 3.45 pm	
	AoA	MP	Pytho	DBMS		-						
Monday	A	В	c	D	1	2. A A A A A A A A A A A A A A A A A A A	DA AP	OS PKP		MP PZS	EM IV GJ	
	AAP	KKW	SAP	JN	1	1 ~	4r	PAP		P23	a,	
	MP	Python	DBMS	OS	1							
Tuesday	A	в	с	D	1		IP	os		DBMS	Python Programming	
	ккш	SAP	JN	vs			zs	РКР		N	SAP	
	OS	DBMS	мр	AoA								
Wednesda	a A	в	с	D	BREAK	DB		EMIV	LUNCH BREAK	AoA AAP	MP PZS	
	VS	JN	ĸĸw	AAP			•	G	DREAM	AAP	P/5	
	DBMS	AoA	os	Pytho n						AoA		
Thursday	A	в	с	D		EM IV G		DBMS JN		AAP	OS PKP	
	JN	AAP	vs	SAP								
	Python	os	AoA	мр		Pyth	0.0		ſ	Mini Project *		
Friday	A	в	с	D		Program	nming	EM IV GJ		wini Project		
	SAP	PKP	AAP	ккш		SA						
Saturday	* Respec	tive Mentors										
EM-IV	Applied Mather		_			AOA		Subject Abbreviation s of Algorithms	MP		Microprocessor	
OS OS		pplied Mathematics Operating System				DBMS		se Management System		Programming	Skill based Python Program	nming
	-persona system					1	Faculty Abbreviation	1	0			
JN	Prof. Jagruti Na	goankar				AAP		shwini Pansare	РКР		Prof. Prachi Patil	
PZS	Prof. Parshvi					SAP		angeeta Parshionika	GJ		Prof. Gauree Jagushte	
KKW	Prof. Kranti Wa	le				VS	Dr. Vija	y Shelke			(Dr. Sujata	

Principal

H.O.D.(Computer Engineering)

	.							Room Num	ber: 811					
iss leacher: I	Dr. Ashok Kanthe							With Effect	From: 23rd January to 2	21" April 2023				
	9.00 a.m. – 10.00 a.m.	10.00 a.m. – 11.00 am	11.00 am - 11 15 am	11.15 12.15	p.m.		m 1.15 m.		1.45 p.m. to 2.45 p.m.	2.45 p.m. t		3.45 p.m	a ser a s	
	SPCC			cc	cc	MC	A!			SPCC	At	CSS	cc	
Monday	SPEC	CSS MNS		A	в	c	D	-	QA/IOT KPD/KKW	A	в	с	0	
				UL	SN	AK	BSD	-	811/801	SSK	BSD	MNS	SN	
			1	MC	CSS	AI	cc	-						
Tuesday	Honours	MC AK		A	8	с	D	-	CSS	A				
				AK	MNS	BSD	SN	-	MNS	BS	D			
			1	CSS	мс	cc	SPCC	-						
Wednesda	Y Honours	MC AK		A	B	c	D	-	QA/IOT KPD/KKW	A		Mini Pr		5
			BREAK	MNS	AK	UL	SSK	LUNCH	811/801	BS	D	MIN P	oject*	
		0.1/107	1	cc	cc	SPCC	MC	BREAK		t				
Thursday	Honours	QA/IOT KPD/KKW		A	В	c	D	-	AI	SPC	c			
		811/801		UL	SN	SSK	AK	-	BSD	SS	ĸ			
				AI	SPCC	cc	CSS	-		ł				
Friday	Honours	SPCC SSK		A	8	c	D	-	css	M	c			
		336		BSD	SSK	UL	MNS	-	MNS	A	¢			
Saturday	Respective Mento	rs			1			-						
			1											
AI	Artificial Intelligence					Subject A	bbreviat							
SPCC	System Programming and Co	mpiler Construction				MC		Cryptography and ! Mobile Computing	System Security	Tol		et of Thing		
						Faculty A	bbreviat			QA	Quan	titative Ana	lysis	
MNS	Prof. Monali Shetty					AK	I	Dr. Ashok Kanthe		KKV	V Prof	Kranti Wagl		
SSK	Prof. Supriya Kamoji					BSD		Dr. B.S. Daga		KPD	Prof	Kalpana Dec	e	
UN	Prof. Unik Lokhande					SN		Prof. Sushma Nagd	leote			ta parta Det	A GRUNNI	

(Dr. S.S. Rathod) Principal



(Dr. Sujata Deshmukh) H.O.D.(Computer Engineering)

ass : T.E. (Com	puters) Div B							Room Num	ber: 807					
ass Teacher: P	Prof. Sushma Nagdeote							With Effect	From: 23rd January to	21# April 202	23			
	9.00 a.m 10.00 a.m.	10.00 a.m. – 11.00 am	11.00 am – 11.15 am		a.m. – 5 p.m.	12.15 p. p.	m 1.15 m.	1.15 pm – 1.45 pm	1.45 p.m. to 2.45 p.m.	2.45 p.m. 1	to 3.45 pm		p.m. 15 pm	
				cc	CC	cc	AI		01/07	SPCC	SPCC	CSS	cc	
Monday	AI SN	MC AK		A	в	с	D	1	QA/IOT KPD/KKW	A	8	с	D	
				SSK	МТК	RSP	KPD		811/807	SAP	PZS	MTK	JN	
			1	сс	CSS	Ai	cc							
Tuesday	Honours	CSS MTK		A	B	с	D		AI	м				
				SSK	мтк	KPD	JN		SN	A	ĸ			
		10100000	1	CSS	мс	cc	SPCC		020220					
Wednesday	Y Honours	SPCC SAP	BREAK	A	в	с	D	LUNCH	QA/IOT KPD/KKW	cs				
				MTK	HP	RSP	SAP	BREAK	811/807	M	TK			
		01/10T	1	AI	cc	SPCC	мс							
Thursday	Honours	QA/IOT KPD/KKW		A	B	c	D		css	SPC		Mini Pr		
		811/807		KPD	МТК	PZS	НР		MTK	SA	P	WINT PT	oject	
			1	мс	AI	MC	CSS							
Friday	Honours	MC		A	в	c	D		SPCC	A	r		1	
		AK		HN	KPD	AK	мтк		SAP	SN				
Saturday	Respective Mentor	5	1		L									
		9 												
AI	Artificial Intelligence					Subject A	bbreviation	ryptography and S	urtam Casaria	1				
SPCC	System Programming and Cor	mpiler Construction				MC		tobile Computing		Tot		et of Things		
							bbreviation			QA	Quanti	itative Anal	ysis	
AK	Dr. Ashok Kanthe					SAP		rof. Sangeeta Pa	arshionikar	KKW	Prof	Kranti Wa	de	
SN	Prof. Sushma Nagdeote					MTK		rof. Monica Kha		KPD			eorukhkar	
SSK	Prof. Supriya Kampi			2		RSP		rof. Roshni Padate		PZS		arshvi Shah		

(Dr. S.S. Rathod) Principal

FR AGNEL ASHRAM BANDRA MUMBAI-400 050 CERC4

(Dr. Sujata Deshmukh) H.O.D.(Computer Engineering)

iss : B.E. Compu	ter (Div A)						Room Number:	108			
ss Teacher: Dr.	Vijay Shelke						With Effect From	m: 23 rd January	to 21" April 202	13	
	9.00 a.m. – 10.00 a.m.	10.00 a.m. – 11.00 am	11.00 am - 11.15 am	11.15 a.m. – 12.15 g	o.m. 12.15 p.m 1.15 p.m.	1.15 pm – 1.45 pm	1.45 p.m.	to 2.45 p.m.	2.45 p.m.	to 3.45 pm	
Monday	PROJE	CT DAY			PROJECT DAY						
		PM/FM		ADS	SMA		DC	SMA	ADS	RPW	
Tuesday		JM/BSD		ADS AAP	SKS		A	В	с	D	
							VS	PMD	AAP	· ·	-1
			1				SMA	ADS	RPW	DC	
Wednesday		PM/FM JM/BSD		DC VS	SMA		A	в	c	D	
		114,000		V3	SKS		SKS	SPD	•	VS	
			BREAK			LUNCH BREAK	ADS	RPW	DC	SMA	-++
Thursday		PM/FM JM/BSD		ADS AAP	DC VS		A	В	с	D	-
					•3		KPD	•	vs	PMD	
]				RPW	DC	SMA	ADS	
Friday		DC VS		SMA SKS	ADS AAP		A	в	с	D	- 1
							•	vs	PMD	KPD	
Saturday	• RPW - Respect	ve Mentors	1								+
			1		Subject Abbreviation						
DC	Distributed Comp	uting		ADS A	pplied Data Science			1	SMA	1 Car	ial Madia Application
FM	Finance Manager	ent			esearch Paper Writing			РМ	JIMA		ial Media Analytics ject Management
	1				Faculty Abbreviation	-					
VS	Dr Vijay Shelake		SKS	0	r Sunil Surve			BSD		1.0-	
JM	Prof Jayen Modi		RSP		rof, Roshni Padate			AAP			Brijmohan Daga
AA	Prof. Ankita Amb	urle	KPD		rof. Kalpana Deorukhkar			PMD			f. Ashwini Pansare f. Prajakta Dhamanska

(Dr. S.S. Rathod) Principal



(Dr. Sújata Deshmukh) H.O.D.(Computer Engineering)

Class : B.E. Computer (Div B) Class Teacher: Prof. Ankita Amburie							Room Number: 511 With Effect From: 23 rd January to 21 st April 2023				
Monday	PROJECT DAY		PR		TDAY						
Tuesday	PM/FM			ADS RSP	SMA		DC	SMA	ADS	RPW	
	JM/BSD	A					В	с	D		
			BREAK //FM /BSD			LUNCH BREAK	MT	AA	RSP	•	
Wednesday		Dialena		DC MT	SMA AA		SMA	ADS	RPW	DC	
		JM/BSD					A	В	с	D	
							AA	RSP	•	MT	
Thursday		PM/FM		ADS	DC MT		ADS	RPW	DC	SMA	
		JM/BSD					A	В	с	D	
							RSP	•	мт	AA	
Friday		DC		SMA	ADS RSP		RPW	DC	SMA	ADS	
		MT		AA			A	8	с	D	1
			-				•	MT	AA	RSP	
Saturday	* RPW - Respe	ective Mentors									
					Subject Al	obreviation					
DC FM		outed Computing	ADS Applied Data Science			ata Science	S	SMA Social Media Analytics			
F1W1	Finance Management			RPW Research Paper		aper Writing	P	M	Project Management		
					Faculty Al	breviation					
MT	Prof. Merly Thomas			RSP Prof. Roshni Padate			BSD				
M	Pro	if. Jayen Modi		AA		ta Amburle	830		Dr. Brijmohan Daga		

(Dr. S.S. Rathod)

Principal



(Dr. Sujata Deshmukh) H.O.D.(Computer Engineering)