

Annasaheb Dange College of Engineering and Technology, Ashta

(An Empowered Autonomous Institute affiliated to Shivaji University, Kolhapur)

Department of Computer Science and Engineering

(NAAC A++ Grade Accredited Institute, NBA Accredited Program, ISO 9001: 2015 Certified Institute)

MINUTES OF THE MEETING BOARD OF STUDIES

Date: 3rd April 2026, AT 10:00 AM (Hybrid Mode) and 11th April 2026 (Hybrid Mode)

Meeting Room, Department of Computer Science and Engineering

The 13th meeting of Board of Studies (BoS) of Department of Computer Science and Engineering, ADCET, Ashta was held on 3-04-2026, at 10:00 AM in Hybrid mode. As the meeting contents were not covered in scheduled time, one more virtual meeting was organized on Saturday 11-04-2026 and the remaining points were discussed.

Dr. Suhel Sayyad, HOD CSE chaired the Meeting.

Following is the new list of BoS Members:

Sr. No.	Name	Position
1	Dr. Suhel Sayyad Head and Chairman BoS, Department of Computer Science and Engineering, ADCET, Ashta, Sangli	Chairman
2	Dr. Dinesh Kulkarni Professor, Walchand College of Engineering, Sangli	VC Nominee
3	Dr. Mustafa Basthikodi Professor, Sahyadri College of Engineering and Management, Mangaluru	Member (Academic Expert)
4	Dr. Vandana Inamdar Associate Professor, Government College of Engineering and Research, Avasari Khurd.	Member (Academic Expert)
5	Dr. Sharada Kori Associate Professor, KLS Gogte Institute of Technology, Belagavi	Member (Academic Expert)
6	Mr. Vivekom Gala Senior Software Technical Consultant, PTC	Member (Alumni Representative)
7	Dr. Ritesh Nehete Director Compliance, Gurukul Solutions Pvt Ltd Pune	Member (Industry Expert)
8	Ms. Pranoti Nandurkar Tata Consultancy Services	Member (Industry Expert)
9	Dr. Rituraj Patil Director of TMT ISG, ZenSar Technologies Pune	Member (Industry Expert)
10.	Mr. S. D. Khatawkar Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member-Secretary
11	All faculty members, CSE Department	Members



- ❖ Few members joined in virtual mode and few were physically present for the meeting.
- ❖ The Chairman extended a warm welcome to all the members in the meeting.
- ❖ Mr. S. D. Khatawkar presented vote of thanks to end up the meeting.

Agenda of the meeting and resolutions are as follows:

➤ **Agenda Item No.1: Welcome new board of studies members.**

Mrs Rajni Kavthekar and Mrs Shubhangi Patil introduced new BoS members and Chairman Dr. S. S. Sayyad felicitated Dr. Mustafa Basthikodi , Dr. D B Kulkarni and Dr. Sharada Kori who were present physically for the meeting. Welcome of all online members was also done.

➤ **Agenda Item No.2: To confirm the minutes of the BoS meeting held on 08 August 2025**

The minutes of the meeting of BoS held on 08/08/2025 were confirmed by all members.

➤ **Agenda Item No.3: To place before the BoS the report about the action taken on the decisions of its meeting held on 08 August 2025.**

Dr. Sayyad confirmed that the suggestions made by the honorary members of the BoS panel have been incorporated into the syllabus design, and provided the relevant supporting documents. As the panel was new he gave the preamble about department overview.

➤ **Agenda Item No.4: To discuss and approve Second Year to Final Year B. Tech Structure - Revision 3**

Dr. Sayyad presented the structure of Revision 3 from Second Year to Final Year B.Tech Computer Science and Engineering Program. The total credits have been updated from 160 to 176 to reflect the recent course adjustments. He also presented the options those are available for students related to Honors and Minor along with their credits. He discussed the year wise credit distribution. He presented track based Professional Electives, Honor Program and Minor track courses.

The presented structure is attached as Annexure to this minutes of meeting.



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Structure for Revision 3



Department of Computer Science and Engineering											
B. Tech. Program in Computer Science and Engineering (176 Credits)											
Course Category		I	II	III	IV	V	VI	VII	VIII	Total	ADCET
Basic Science Course	BS	8	6	3	0	0	0	0	0	17	16
Engineering Science Course	ES	11	8	0	0	0	0	0	0	19	18
Programme Core Course	PC	0	3	15	7	11	6	8	0	50	54
Programme Elective Course	PE	0	0	0	3	4	4	8	3	22	20
Open Elective (other than particular program)	OE	0	0	0	2	2	2	0	0	6	6
Multidisciplinary Minor	MDM	0	0	0	4	3	4	3	0	14	14
Vocational and Skill Enhancement Course	VSEC	0	2	0	2	0	2	0	0	6	6
Humanities Social Science and Management	HSSM	2	0	5	3	3	0	0	0		
Indian Knowledge System	IKS	0	2	0	0	0	0	0	0	15	15
Value Education Course	VEC	0	0	0	0	0	0	0	0		
Research Methodology	RM	0	0	0	2	0	0	0	0		
Experiential Learning (Internship, Project)	EL	0	0	0	0	1	0	4	12	19	19
Community Engagement Activity (CEA)/Field Project	CEA	0	0	0	0	0	2	0	0	2	2
Co-curricular & Extracurricular Activities	CCA	1	1	0	0	0	0	0	0	2	2
Self Study	SS	0	0	0	0	0	2	2	0	4	4
Total		22	22	23	23	24	22	25	15	176	176

Dr Mustafa initiated discussion on the first bucket of courses which was of AI. He suggested to incorporate Miniproject in 5th semester and Megaproject in 6th and 7th semester so that students will have expertise in that area. He asked to confirm the number of credits as per AICTE norms for 8th semester whether it is 16 minimum for each semester.

He also suggested the option of keeping 10 credits for Internship and 2 Elective courses of 3 credits each so that total 16 credits will be there for last semester.

Dr Sharada Madam suggested to combine first and the second course of IOT track and add Applications of IOT related course as the last course. She also suggested that 8051 microcontroller is proper for the study.

She suggested to incorporate Dataset in the AIML track.

Ms Vandana suggested to add DSA algorithm.

Mr Vivekom recommended Responsible AI as Gen AI is having less focus now a days. He suggested to merge OT and MLOPI. He also proposed to add Green Computing as a track.

Dr Mustafa asked to integrate all above track courses with AI.

Dr D B Kulkarni proposed the importance of the tutorials. He asked to think of exploring tutorials to appropriate courses. Like, IOT first course can be changed from 3-0-0 to 2-1-0. He raised one doubt that if after 1 or 2 courses if student loses interest to continue the track, is there any flexibility of changing the track or shifting to some general stream.

He also pointed that RTOS is not getting covered in the structure. He asked to remove the title



ML from the track name. He also suggested to add Advanced CN somewhere.

Dr Vandana suggested for Cyber Security track that it should cover Cloud security, AI Security and IOT security looking at the importance of these concepts.

Mr Ritesh suggested certificate courses of SECRI which have trainings like AI security etc those are aligned with industry requirements.

Dr D B Kulkarni asked to check whether we can provide flexibility of Internships in 7th or 8th semester as per students need, not only in last semester.

Dr Mustafa raised the discussion on self-study hours that how to monitor the time that is spent.

Dr D B Kulkarni suggested to explore swapping of Data Structures, Design and Analysis of Algorithms and Theory of Computation course for checking the continuity in the courses in the semesters they are offered. He also suggested to check the course of Computer Graphics.

He also suggested to rename Data Structure as Data Structures and Algorithms.

Dr Mustafa suggested to add OS in first year itself before starting any programming course.

LA probability and statistics to be added in compulsory subject.

- **Agenda Item No. 5:** To discuss and approve the curriculum contents of Second Year B.Tech - Revision 3

The course curriculum was reviewed and discussed for getting suggestions.

A. Discrete Mathematics

Dr A B Shikalgar presented the course contents. Dr D B Kulkarni asked to check whether Digital Logic Unit is covering in first year course to avoid repetition.

B. Data Structures

Dr S S Sayyad presented the course contents. Dr Mustafa suggested to check sequence of lists, stacks and queues. Dr D B Kulkarni suggested to rename the course to DSA. He also asked to check why Let us C is kept in reference books list. Rather new edition of that book can be used as a text book.

Dr Mustafa suggested to check for Graph theory as it is very important for Game Theory as it is not found in the courses.

C. Computer Organization and Architecture

Mr Lubal presented the course contents. Dr Mustafa suggested to start the content with



advanced microprocessors and to add assembly and embedded C programming. Start with 8051, no need of 8086.

Dr D B Kulkarni asked to remove Unit 5 which is Computer Arithmetic. Instead, suggested to add Multicore Architecture (Dual core Architecture)

D. Software Engineering

Course content was approved with no change.

E. Operating System

Dr B A Jadhawar presented the course contents. Dr Mustafa asked to keep Installation of OS in the first year. Combine deadlock and

Real time OS, Cloud, GPU Scheduling add AI modern awareness related case studies

Dr D B Kulkarni suggested to include Case studies in Unit 6,

F. C++ Programming

Mr Lubal presented the course contents.

Dr D B Kulkarni suggested to add basics of PL and to merge unit 1 and 2. Shift 3rd unit as 2nd unit.

G. Professional Elective – I

1. Introduction to IOT

Dr S G Sutar presented the updated syllabus as per the suggestions given in last meeting to club 2 courses. Dr Vandana suggested to confirm if there is no repetition of ADC/DAC. Dr Pranoti suggested to check whether AI on this can be added.

2. Fundamentals of Cyber Security and Cyber Laws

Dr Mustafa asked to check if Network Security is getting covered.

3. Probability and Statistics for Data Science

Course content was approved with no changes.

4. Distributed Cloud System

Course content was approved with no changes.

5. Responsible AI

Mr Ritesh appreciated the content as it was designed as per suggestions given in the last meeting.



H. Database Engineering

Dr Mustafa discussed the list of experiments and asked to mention the tools to be used for performing practical.

I. Theory of Computation

Course Content was approved with no suggestions.

J. Multidisciplinary Minor-I

1. Fundamentals of Web Development

Dr D B Kulkarni suggested to add basics of networking concepts like IP addresses in the course so that students will understand in better way.

2. Cyber Security Tools and Techniques

Course content was approved with no changes.

3. Python for Data Science

Dr Mustafa mentioned that there are no much practical aspects covering in the theory part.

4. Introduction to Quantum Technologies. The course contents are designed and shared with Basic Science department for approval. The course involves contents related to Quantum Physics and Quantum Mechanics. Dr. S. S. Sayyad briefed the members about the content of the course.

5. Computer Graphics and Multimedia

Dr D B Kulkarni asked to check the usefulness of Raster graphics for other branch students.

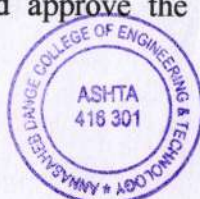
K. Web Programming-I

Course content was approved with no changes.

➤ **Agenda Item No.6:** To discuss and approve Second Year M.Tech Structure

Dr Sayyad presented Second Year M. Tech Structure which was designed as per common guidelines of AICTE.

➤ **Agenda Item No.7:** To discuss and approve the curriculum contents of Second Year M.Tech.



Dr Sayyad presented Second Year M.Tech curriculum which was designed as per common guidelines of AICTE that was including courses like Internship and Dissertation Phase. The BoS members approved the structure and contents with no corrections. The BoS members authorized the Chairman to finalize the self-learning courses after the NPTEL course list for the respective semester is announced.

- **Agenda Item No.8:** To discuss Feedback and analysis given by Employer, Alumni, Faculty, and Students.

Department has taken feedback on Curriculum Revision 2 from stake holders Employer, Alumni, Faculty, and Students. Possible suggestions were incorporated in new Revision 3. These suggestions were presented by Chairman.

Feedback - Stakeholders



- Faculties – [Response Sheet](#)
- Students – [Response Sheet](#)
- Alumni - [Response Sheet](#)
- Employer – [Response Sheet](#)

Major Suggestions (Summarised)

1. Track based electives to be proposed.
2. Proposed tracks – AIML, Data Science, Cyber Security, Internet of Things.
3. More options for Honor's track to be provided.
4. Build a balanced curriculum handling foundation Computer Science (based on GATE) and emerging technologies.
5. Cover DSA, Foundation Courses till 3-4 Semester and focus on emerging courses in 5-8 Semester.
6. DevOps related courses are missing and must be included in the new revision.

- **Agenda Item No. 9:** To discuss placement statistics.

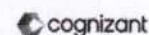
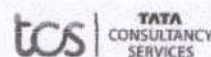
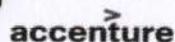
Dr Sayyad presented current status of placement of final year students as shown below. He presented details about highest, lowest packages and also various companies giving placements to our students. He also mentioned about the courtesy visits to companies by faculty of the department where students are doing internships.



Placement Statistics



Sr. No.	Particulars	2025-26	2024-25	2023-24
1	Total Number of Students	145	138	152
2	Total No of Companies	32*	26	28
3	Placed	62*	72	93
4	Offers	80*	97	122
5	Highest Package	10 LPA	10 LPA	7.5 LPA
6	Average Package	3.5 LPA	5 LPA	4.17 LPA
7	Minimum Package	2.5 LPA	3 LPA	1.8 LPA
8	No of Students above 5 LPA	10	12	17



Mr Rituraj added about triple hiring in jobs related to recent news on IBN etc. Competitions like Hackathon will help students for placements.

Mr Ritesh, in support of this mentioned that our curriculum should be more focused on industry requirements. We should have tracks like Cyber Security etc which will prepare our students for better placements.

➤ **Agenda Item No. 10:** To discuss result analysis

Dr Sayyad presented the result analysis of UG and PG in grade wise distribution. He also presented the statistics of NPTEL examination cleared by students and faculty in this 1.5 years.

➤ **Agenda Item No. 11:** To discuss status of Honors, Honors with research, Minor for current batch.

Dr Sayyad presented the status of Honors, Honors with research, Minor for current batch. Microsoft Azure training is also provided to students. NPTEL exam clearance statistics from last 1.5 years was also presented.



Discussion of Honors was held which has 4 courses followed by 1 project. 28 students have cleared 4 courses and doing project.

Status of Honors and Honors (Res)



- 2026 Batch – Honors in Cloud Architect Status
- 2026 Batch – Honors with Research Status
- Summary - Honors and Honors with Research
- Project Title List – Honors and Honors with Research

1. NPTEL Course – Cloud Computing
2. AWS Cloud Fundamentals
3. AWS Cloud Architecting
4. Microsoft Azure Cloud Fundamentals AZ 900/ Google Cloud
5. Project Work

- **Agenda Item No. 12:** To approve a panel of examiners for the S. Y. B. Tech - Computer Science and Engineering

Dr. Sayyad presented the list of panel members for setting up the question papers for S. Y. B. Tech Sem1 and Sem 2 for approval in front of BOS.

- **Agenda Item No. 13:** Any other item with the permission of the chair

Finally, as per suggestion in the last meeting, all courses were listed in a single screen which ease the comparison of courses of all semesters.

Member Secretary



Chairman



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S.Y. B.Tech. – Computer Science and Engineering

[Level 5, UG Diploma] Semester - I

Sr. No.	Course Category	Course Type	Course Code	Course Name	L	T	P	S	Cr	Evaluation Scheme (Marks)			
										Theory		Laboratory	
										MSE	TA	ESE	CIA ESE
01	BS	T1	3CSBS201	Discrete Mathematics	2	1	0	3	3	40	20	40	-
02	PC	LIT1	3CSPC202	Data Structures	3	0	2	3	4	40	20	40	50
03	PC	LIT2	3CSPC203	Computer Organization and Architecture	2	0	2	2	3	40	20	40	50
04	PC	T1	3CSPC204	Software Engineering	2	0	0	2	2	40	20	40	-
05	PC	LIT2	3CSPC205	Operating Systems	3	0	2	3	4	40	20	40	50
06	PC	L1	3CSPC206	C++ Programming	1	0	2	1	2	-	-	-	50
07	HS	T2	3CSHS207	Modern Indian Language/ Foreign Languages	2	0	0	2	2	-	50	-	-
08	HS	T2	3CSHS208	Psychology	1	0	0	1	1	-	50	-	-
09	HS	T2	3CSHS209	Environment Studies	2	0	0	2	2	-	50	-	-
10	MA	T2	3CSMA210	Aptitude and Reasoning - Part I	2	0	0	-	0	-	50	-	-
Total					20	1	8	19	23				

Legends: L-Lecture, T-Tutorial, P-Practical, S-Self Study, Cr-Credits, MSE - Mid-Semester Examination, CIA-Continuous Internal Assessment, TA - Teachers Assessment, ESE-End-Semester Examination

Minimum Passing Criteria		TA (Theory) : $\geq 8 / 20$		MSE + ESE (Theory) : $\geq 32 / 80$		TA (Theory) / CIE (Lab) : $\geq 20 / 50$		ESE (Lab) : $\geq 20 / 50$	
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Member Secretary-BoS

Chairman -BoS

Member Secretary-AC

Chairman-AC





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S.Y. B.Tech. – Computer Science and Engineering

[Level 5, UG Diploma] Semester - II

Sr. No.	Course Category	Course Type	Course Code	Course Name	L	T	P	S	Cr	Evaluation Scheme (Marks)			
										Theory		Laboratory	
										MSE	TA	ESE	CIA ESE
01	PE	T1	3CSPE2**	Professional Elective - I	3	0	0	3	3	40	20	40	- -
02	PC	LIT1	3CSPC216	Database Engineering	3	0	2	3	4	40	20	40	50 50
03	PC	T1	3CSPC217	Theory of Computation	2	1	0	3	3	40	20	40	- -
04	MM	LIT2	3CS**2**	Multidisciplinary Minor - I	3	0	2	3	4	40	20	40	50 -
05	OE	T2	*****	Open Elective - I	2	0	0	2	2	-	50	-	- -
06	VSEC	L1	3CSVS223	Web Programming - I	1	0	2	1	2	-	-	-	50 50
07	HS	T2	3CSHS224	India Constitution	1	0	0	1	1	-	50	-	- -
08	HS	T2	3CSHS225	Universal Human Values	2	0	0	2	2	-	50	-	- -
09	RM	T2	3CSRM226	Research Methodology	2	0	0	2	2	-	50	-	- -
10	MA	T2	3CSMA227	Aptitude and Reasoning - Part II	2	0	0	-	0	-	50	-	- -
Total					21	1	6	19	23				

Legends: L-Lecture, T-Tutorial, P-Practical, S-Self Study, Cr-Credits, MSE - Mid-Semester Examination. CIA-Continuous Internal Assessment, TA - Teachers Assessment, ESE-End-Semester Examination

Minimum Passing Criteria		MSE + ESE (Theory) : $\geq 32 / 80$		TA (Theory) / CIE (Lab) : $\geq 20 / 50$		ESE (Lab) : $\geq 20 / 50$	
		TA (Theory) : $\geq 8 / 20$					

Member Secretary-BoS

Chairman -BoS

Member Secretary-AC

Chairman-AC





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Exit after S.Y. B.Tech. – Computer Science and Engineering

Additional Credits to qualify for UG Diploma

Students has to undergo an 8-week Internship in Database/ Web Development Domain in order to qualify for UG Diploma (Exit after S. Y. B. Tech - Computer Science and Engineering).



Member Secretary-BoS

Chairman -BoS

Member Secretary-AC

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T.Y. B.Tech. – Computer Science and Engineering

[Level 5.5, B.Voc] Semester - I

Sr. No.	Course Category	Course Type	Course Code	Course Name	L	T	P	S	Cr	Evaluation Scheme (Marks)			
										Theory		Laboratory	
										MSE	TA	ESE	CIA ESE
01	PC	LIT2	3CSPC301	Design and Analysis of Algorithms	3	0	2	3	4	40	20	40	50 -
02	PC	LIT1	3CSPC302	Machine Learning	3	0	2	3	4	40	20	40	50 50
03	PE	LIT2	3CSPE3**	Professional Elective - II	3	0	2	3	4	40	20	40	50 -
04	MM	T1	3CS**3**	Multidisciplinary Minor - II	3	0	0	3	3	40	20	40	- -
05	PC	L1	3CSPC313	Java Programming	2	0	2	2	3	-	-	-	50 50
06	OE	T2	*****	Open Elective - II	2	0	0	2	2	-	50	-	- -
07	HS	T2	3CSHS314	Project Management and Finance	2	0	0	2	2	-	50	-	- -
08	HS	L2	3CSHS315	Entrepreneurship	0	0	2	0	1	-	-	-	50 -
09	EL	L2	3CSEL316	Summer Internship	0	0	0	0	1	-	-	-	50 -
10	MA	T2	3CSMA317	Aptitude and Reasoning - Part III	2	0	0	0	0	-	50	-	- -
Total					20	0	10	18	24				

Legends: L-Lecture, T-Tutorial, P-Practical, S-Self Study, Cr-Credits, MSE - Mid-Semester Examination, CIA-Continuous Internal Assessment, TA - Teachers Assessment, ESE-End-Semester Examination

Minimum Passing Criteria		TA (Theory) : $\geq 8 / 20$	MSE + ESE (Theory) : $\geq 32 / 80$	TA (Theory) / CIE (Lab) : $\geq 20 / 50$	ESE (Lab) : $\geq 20 / 50$
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Member Secretary-AC

Chairman-AC





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T.Y. B.Tech. – Computer Science and Engineering

[Level 5.5, B.Voc] Semester - II

Sr. No.	Course Category	Course Type	Course Code	Course Name	L	T	P	S	Cr	Evaluation Scheme (Marks)			
										Theory		Laboratory	
										MSE	TA	ESE	CIA ESE
01	PC	T1	3CSPC318	System Programming and Compilers	3	0	0	3	3	40	20	40	-
02	PC	LIT2	3CSPC319	High Performance Computing	2	0	2	2	3	40	20	40	-
03	PE	LIT1	3CSPE3**	Program Elective - III	3	0	2	3	4	40	20	40	50
04	MM	LIT2	3CS**3**	Multidisciplinary Minor - III	3	0	2	3	4	40	20	40	50
05	VSEC	L1	3CSVS330	Web Programming - II	1	0	2	1	2	-	-	-	50
06	OE	T2	*****	Open Elective - III	2	0	0	2	2	-	50	-	-
07	EL	L2	3CSEL331	Mini Project	0	0	4	0	2	-	-	-	50
08	SS	T2	3CSSS332	Self-Study Course - I	0	0	0	0	2	-	50	-	-
09	MA	T2	3CSMA333	Aptitude and Reasoning - Part IV	2	0	0	0	0	-	50	-	-
Total					16	0	12	14	22				

Legends: L-Lecture, T-Tutorial, P-Practical, S-Self Study, Cr-Credits, MSE - Mid-Semester Examination, CIA-Continuous Internal Assessment, TA - Teachers Assessment, ESE-End-Semester Examination

Minimum Passing Criteria		TA (Theory) : $\geq 8 / 20$	MSE + ESE (Theory) : $\geq 32 / 80$	TA (Theory) / CIE (Lab) : $\geq 20 / 50$	ESE (Lab) : $\geq 20 / 50$
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Member Secretary-AC

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Exit after T.Y. B.Tech. – Computer Science and Engineering

Additional Credits to qualify for B.Voc

Students has to undergo an 8-week Internship in Software Development Domain in order to qualify for B.Voc (Exit after T. Y. B. Tech – Computer Science and Engineering).



Member Secretary-BoS

Chairman -BoS

Member Secretary-AC

Chairman-AC



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Final. Year. B.Tech. – Computer Science and Engineering

[Level 6, B.Tech] Semester - I

[Level 6, B.Tech] Semester - I														
Sr. No.	Course Category	Course Type	Course Code	Course Name	L	T	P	S	Cr	Evaluation Scheme (Marks)				
										Theory		Laboratory		
										MSE	TA	ESE	CIA	ESE
01	PC	T1	3CSPC401	Object Oriented Modelling and Design	3	1	0	4	4	40	20	40	-	-
02	PC	LIT2	3CSPC402	Information and Network Security	3	0	2	3	4	40	20	40	50	-
03	PE	LIT1	3CSPE4**	Program Elect ve - IV	3	0	2	3	4	40	20	40	50	50
04	PE	LIT2	3CSPE4**	Program Elect ve - V	3	0	2	3	4	40	20	40	50	-
05	MM	T1	3CS**4**	Multidisciplinary Minor - IV	3	0	0	3	3	40	20	40	-	-
06	SS	T2	3CSSS418	Self-Study Course - II	0	0	0	-	2	-	50	-	-	-
07	EL	L1	3CSEL419	Project	0	0	8	-	4	-	-	-	50	50
					Total	15	1	14	16	25				
Legends: L-Lecture, T-Tutorial, P-Practical, S-Self Study, Cr-Credits, MSE - Mid-Semester Examination. CIA-Continuous Internal Assessment, TA - Teachers Assessment, ESE-End-Semester Examination														
Minimum Passing Criteria				TA (Theory) : $\geq 8 / 20$		MSE + ESE (Theory) : $\geq 32 / 80$		TA (Theory) / CIE (Lab) : $\geq 20 / 50$		ESE (Lab) : $\geq 20 / 50$				

Member Secretary-BoS

Chairman -BoS



Member Secretary-AC

Chairman-AC



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Annasaheb Dange College of Engineering and Technology

Ashta - 416301, Dist. : Sangli, Maharashtra

(An Empowered Autonomous Institute)



Final. B.Tech. – Computer Science and Engineering

[Level 6, B.Tech] Semester - II

[Level 6, B.Tech] Semester - II																
Sr. No.	Course Category	Course Type	Course Code	Course Name	L	T	P	S	Cr	Evaluation Scheme (Marks)						
										Theory		Laboratory				
										MSE	TA	ESE	CIA	ESE		
01	PE	T1	3CSPE4**	Program Elective - VI	3	0	0	3	3	40	20	40	-	-		
02	EL	L1	3CSEL425	Internship	0	0	0	-	12	-	-	-	50	50		
					Total					3	0	0	3	15		
Legends: L-Lecture, T-Tutorial, P-Practical, S-Self Study, Cr-Credits, MSE - Mid-Semester Examination, CIA-Continuous Internal Assessment, TA - Teachers Assessment, ESE-End-Semester Examination																
Minimum Passing Criteria			TA (Theory) : $\geq 8 / 20$		MSE + ESE (Theory) : $\geq 32 / 80$		TA (Theory) / CIE (Lab) : $\geq 20 / 50$		ESE (Lab) : $\geq 20 / 50$							

Member Secretary-BoS

Chairman -BoS



Member Secretary-AC

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Professional Electives/Honor's Track

Track Name	Program Elective - I (3-0-0)	Program Elective - II (3-0-2)	Program Elective - III (3-0-2)	Program Elective - IV (3-0-2)	Program Elective - V (3-0-2)	Program Elective - VI (3-0-0)
Artificial Intelligence and Machine Learning	Optimization Techniques	Computer Vision and Natural Language Processing	Deep Learning	Generative AI	Agentic AI	MLOps and Responsible AI
	Responsible AI	Optimization Technique	Computer Vision and Natural Language Processing	Deep Learning	Generative AI and Agentic AI	MLOps
Internet of Things	Introduction to IoT	IoT Devices, Sensors and Embedded Programming	IoT Communication, Networking and Edge Computing	Cloud Computing for IoT	IoT Security, Analytics and AI Integration	Industry 4.0 and IoT
Cyber Security	Fundamentals of Cyber Security and Cyber Laws	Ethical Hacking and Security Testing	Security Assessment and Risk Analysis	Digital Forensics and Incidence Response	Database Security and Access Control	Privacy Preserving Techniques
Data Science	Probability and Statistics for Data Science	Data Mining and Warehousing	Data Visualization	Big Data Analytics	Natural Language Processing	MLOps
Cloud and DevOps	Distributed Systems	Cloud Computing	Introduction to DevOps	Docker and Kubernetes	Configuration Management and Infrastructure Provisioning	Cloud Security and Privacy



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Minor Track

Track Name	Minor - I (3-0-2)	Minor - II (3-0-0)	Minor - III (3-0-2)	Minor - IV (3-0-0)
Web Development	Fundamentals of Web Development	UI/UX Design	PHP and Database Programming	Advanced Web Applications
Cyber Security	Cyber Security Tools and Techniques	Cyber Security and Cyber Laws	Ethical Hacking and Web Security	Digital Forensics
Data Science	Python for Data Science	Big Data Analytics	Machine Learning for Data Science	Data Visualization
Quantum Technologies	Introduction to Quantum Technologies	Quantum Communication	Quantum Computing	Quantum Materials
ARVR	Computer Graphics and Multimedia	Fundamentals of Augmented Reality and Virtual Reality	AR/VR Application Development using Unity	Mobile VR and AI



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Chairman -BoS

Member Secretary-AC

Chairman-AC



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S.Y. M. Tech. – Computer Science and Engineering

[Level 7, M. Tech] Semester - I

[Level 7, VI. Tech] Semester - I														
Sr. No.	Course Category	Course Type	Course Code	Course Name	L	T	P	S	Cr	Evaluation Scheme (Marks)				
										Theory			Laboratory	
										MSE	TA	ESE	CIA	ESE
01	SL	LIT2	0CESL6**	Self-Learning Course - I	3	0	2	3	4	40	20	40	50	-
02	VS	L1	0CEVS603	Dissertation Phase - I	0	0	24	-	12				100	100
03	MA	T2	0CEMA604	Internship	-	-	-	-	-		50			
Total					3	0	26	3-	16					
Legends: L-Lecture, T-Tutorial, P-Practical, S-Self Study, Cr-Credits, MSE - Mid-Semester Examination. CIA-Continuous Internal Assessment, TA - Teachers Assessment, ESE-End-Semester Examination														
Minimum Passing Criteria		TA (Theory) : $\geq 8 / 20$			MSE + ESE (Theory) : $\geq 32 / 80$			TA (Theory) / CIE (Lab) : $\geq 20 / 50$			ESE (Lab) : $\geq 20 / 50$			



Member Secretary-BoS

Chairman -BoS

Member Secretary-AC

Chairman-AC



Established: 1999

Annasaheb Dange College of Engineering and Technology **Ashta - 416301, Dist. : Sangli, Maharashtra** **(An Empowered Autonomous Institute)**



S.Y. M. Tech. – Computer Science and Engineering

[Level 7, M. Tech] Semester - II

[Level /, Ml. Techn] Semester - II														
Sr. No.	Course Category	Course Type	Course Code	Course Name	L	T	P	S	Cr	Evaluation Scheme (Marks)				
										Theory		Laboratory		
										MSE	TA	ESE	CIA	ESE
01	SL	LIT2	0CESL6**	Self-Learning Course – II	3	0	2	3	4	40	20	40	50	-
02	VS	L1	0CEVS607	Dissertation Phase - II	0	0	32	-	16				100	100
					Total	3	0	34	3	20				
Legends: L-Lecture, T-Tutorial, P-Practical, S-Self Study, Cr-Credits, MSE - Mid-Semester Examination. CIA-Continuous Internal Assessment, TA - Teachers Assessment, ESE-End-Semester Examination														
Minimum Passing Criteria		TA (Theory) : $\geq 8 / 20$		MSE + ESE (Theory) : $\geq 32 / 80$		TA (Theory) / CIE (Lab) : $\geq 20 / 50$		ESE (Lab) : $\geq 20/50$						



Member Secretary-BoS

Chairman -BoS

Member Secretary-AC

Chairman-AC

Honor and Honor with Research B. tech 2026 Passout							
Admission Year- 2022-23				Academic Year - 2025-26			

Sr. No.	URN	Name of the Student	Honors	Specilization	NPTEL	AWS 1	AWS 2	Microsoft Azure
1	1022031003	DHOKALE SUMIT AJAY	Honors	Cloud Architect	Completed	Completed	Completed	Completed
2	1022031008	*SUTAR ASMITA SANJAY	Honors	Cloud Architect	Completed	Completed	Completed	Completed
3	1022031023	*PAWAR ANUJA ASHOK	Honors	Cloud Architect	Completed	Completed	Completed	Completed
4	1022031026	TANGADI RAJ ANIL	Honors	Cloud Architect	Completed	Completed	Completed	Completed
5	1022031035	PATIL SUSHANT CHANDRKANT	Honors	Cloud Architect	Completed	Completed	Completed	Completed
6	1022031047	*PATIL SHIVANI KRISHNATH	Honors	Cloud Architect	Completed	Completed	Completed	Completed
7	1022031051	*MOHITE SAKSHI PRAKASH	Honors	Cloud Architect	Completed	Completed	Completed	Completed
8	1022031066	PATIL PRATHMESH SANJAY	Honors	Cloud Architect	Completed	Completed	Completed	Completed
9	1022031069	MANE YUGANDHAR PRAKASH	Honors	Cloud Architect	Completed	Completed	Completed	Completed
10	1022031077	GURAV NILESH NITIN	Honors	Cloud Architect	Completed	Completed	Completed	Completed
11	1022031078	PATIL SWAPNIL TANAJI	Honors	Cloud Architect	Completed	Completed	Completed	Completed
12	1022031086	PHALLE RUSHIKESH GORAKHNATH	Honors	Cloud Architect	Completed	Completed	Completed	Completed
13	1022031091	PATIL SARVESH GANPATI	Honors	Cloud Architect	Completed	Completed	Completed	Completed
14	1022031103	CHAVAN AYUSH RAJENDRA	Honors	Cloud Architect	Completed	Completed	Completed	Completed
15	1022031004	*KHATRI RADHA BHAVARLAL	Honors	Cloud Architect	Completed	Completed	Completed	Completed
16	1022031011	GAIKWAD OM TANAJI	Honors	Cloud Architect	Completed	Completed	Completed	Completed
17	1022031022	*BHOSALE ANUJA HANMANT	Honors	Cloud Architect	Completed	Completed	Completed	Completed
18	1022031025	*PAWAR PRANALI PRAMOD	Honors	Cloud Architect	Completed	Completed	Completed	Completed
19	1022031034	DABANE PRATIKSHA RAMCHANDRA	Honors	Cloud Architect	Completed	Completed	Completed	Completed
20	1022031041	*GHUGARE VAISHNAVI RAMESH	Honors	Cloud Architect	Completed	Completed	Completed	Completed
21	1022031046	MALI AYUSH ANANDA	Honors	Cloud Architect	Completed	Completed	Completed	Completed
22	1022031050	JADHAV GANESH NAMDEV	Honors	Cloud Architect	Completed	Completed	Completed	Completed
23	1022031072	*DESAI SAKSHI BABURAO	Honors	Cloud Architect	Completed	Completed	Completed	Completed
24	1022031084	PATIL DHANRAJ PRAKASH	Honors	Cloud Architect	Completed	Completed	Completed	Completed
25	1022031100	*TUPE VRUSHALI SAVANTA	Honors	Cloud Architect	Completed	Completed	Completed	Completed
26	23032012	SANGALE NARAYAN VISHNU	Honors	Cloud Architect	Completed	Completed	Completed	Completed
27	23032004	*PAWAR SAKSHI JAGANNATH	Honors	Cloud Architect	Completed	Completed	Completed	Completed
28	23032009	*MONIKA DATTATRAY MOHITE	Honors	Cloud Architect	Completed	Completed	Completed	Completed

Honors with Research

Sr. No.	URN	Name of the Student	Specilization	Research Methodology	Qualitative Research Methods and Research Writing
1	23032007	*PATIL VAISHNAVI VIJAY	Honors with Research	Completed	Completed
2	23032011	*SADAMATE PRANALI SANGRAM	Honors with Research	Completed	
3	23032008	*MOHITE AKSHATA PANDURANG	Honors with Research	Completed	Completed
4	23032001	SAYYAD ZAHOORAHMED SIRAJ	Honors with Research	Completed	Completed

Honors Total= 28		
NPTEL	AWS 1	AWS 2
28	28	28

Honors with Research=04		
NPTEL 1	NPTEL 2	
4	3	



Suhad

Annasaheb Dange College of Engineering and Technology
Computer Science and Engineering
Honors in Cloud Architect(A.Y-2025-26)

Sr. No.	URN	Name of Students	Stream	Specialization	Guide	Title of Honor Project
1	1022031003	DHOKALE SUMIT AJAY	HONORS	Cloud Architect	Mrs. A.N.Mulla	Library Resource Orchestration(Cloud -Native Library Resource Management Platform)
2	1022031008	*SUTAR ASMITA SANJAY	HONORS	Cloud Architect	Mrs. A.A.Todkar	Cloud Based Library Record System
3	1022031051	*MOHITE SAKSHI PRAKASH	HONORS	Cloud Architect	Mr. B.B.Simpi	Cloud -Based Handcraft Marketplace System
4	1022031069	MANE YUGANDHAR PRAKASH	HONORS	Cloud Architect	Mr. V. A. Kamble	Cloud-Driven Railway Reservation and Passenger Interaction Framework
5	1022031077	GURAV NILESH NITIN	HONORS	Cloud Architect	Mr. S. D. Khatawkar	University Academic Orchestrator (Cloud- Based Academic Management Platform)
6	1022031091	PATIL SARVESH GANPATI	HONORS	Cloud Architect	Dr. S. P. Patil	Cloud-Based Smart Invoice Management System
7	1022031103	CHAVAN AYUSH RAJENDRA	HONORS	Cloud Architect	Mr. A.R.Pradnyawant	Cloud -Driven Fullstack Solution for Jewellery Showcase
8	1022031004	*KHATRI RADHA BHAVARLAL	HONORS	Cloud Architect	Mr. Y. S. Luhal	Cloud-Based Electric Vehicle Buying and Selling Platform
9	1022031011	GAIKWAD OM TANAJI	HONORS	Cloud Architect	Mr. P. B. More	Serverless Text Sentiment Analyzer Using AWS Cloud and Custom Machine Learning Model
10	1022031022	*BHOSALE ANUJA HANMANT	HONORS	Cloud Architect	Dr.A.B. Shikalgar	Cloud-Integrated Plant Inventory and Order Management System
11	1022031025	*PAWAR PRANALI PRAMOD	HONORS	Cloud Architect	Mrs. P. S. Patil	Nursery Billing System using Google Cloud
12	1022031034	DABANE PRATIKSHA RAMCHANDR	HONORS	Cloud Architect	Mrs. T. A. Walandkar	Cine Cloud Booking Console
13	1022031041	*GHUGARE VAISHNAVI RAMESH	HONORS	Cloud Architect	Mr. S. M. Gramopadhye	AgroFin Cloud Expense Dashboard
14	1022031046	MALI AYUSH ANANDA	HONORS	Cloud Architect	Mrs. S. P. Patil	Cloud Enabled Academic Result Automation System Using OpenStack
15	1022031050	JADHAV GANESH NAMDEV	HONORS	Cloud Architect	Mrs. S. P. Patil	Deploying Serverless Web Application on AWS
16	1022031072	*DESAI SAKSHI BABURAO	HONORS	Cloud Architect	Mrs. S. P. Patil	Cloud-Based E-Commerce System
17	1022031084	PATIL DHANRAJ PRAKASH	HONORS	Cloud Architect	Mrs. S. P. Patil	Smart Health Fitness Predictor and Recommendation System
18	1022031100	*TUPE VRUSHALI SAVANTA	HONORS	Cloud Architect	Mrs. S. P. Patil	Cloud-Based Disaster Recovery Backup System
19	1022031026	TANGADI RAJ ANIL	HONORS	Cloud Architect	Mrs. S. P. Patil	Behaviour - Aware Enemy Generation in Web Games Using Azure ML and Serverless Architecture
20	23032004	*PAWAR SAKSHI JAGANNATH	HONORS	Cloud Architect	Mrs. S. P. Patil	Cloud Based Task Manager
21	23032009	*MONIKA DATTATRAY MOHITE	HONORS	Cloud Architect	Mrs. S. P. Patil	SmartDeploy: ML-Driven Cloud Deployment And Auto-Scaling System
22	1022031047	*PATIL SHIVANI KRISHNATH	HONORS	Cloud Architect	Mrs. S. P. Patil	Smart Notes Vault -Secure Encrypted Cloud Notes System
23	1022031066	PATIL PRATHMESH SANJAY	HONORS	Cloud Architect	Mrs. S. P. Patil	Cloud-Hosted Full Stack Solution for School
24	1022031078	PATIL SWAPNIL TANAJI	HONORS	Cloud Architect	Mrs. S. P. Patil	Cloud-Based Personal Finance Tracker with Analytics
25	1022031023	*PAWAR ANUJA ASHOK	HONORS	Cloud Architect	Mrs. S. P. Patil	Cloud-Based Real-Time Chat System Using AWS Services
26	23032012	SANGALE NARAYAN VISHNU	HONORS	Cloud Architect	Mrs. S. P. Patil	Cloud-Powered Agricultural Automation System with AI-Based Disease Detection
27	1022031086	PHALLE RUSHIKESH GORAKHNATH	HONORS	Cloud Architect	Mrs. S. P. Patil	Cloud Hosted Fullstack Solution for Hotel
28	1022031035	PATIL SUSHANT CHANDRKANT	HONORS	Cloud Architect	Mr. S.R.Kadam	Cloud-Based Employee Information and Payroll Automation System



[Signature]
Honor Coordinator

[Signature]
HOD CSE

Annasaheb Dange College of Engineering and Technology
Computer Science and Engineering
Honors with Research Architect(A.Y-2025-26)

Sr. No	URN	Name of Student	Specialization	Guide	Title of Project
1	23032007	*PATIL VAISHNAVI VIJAY	Honors with Research	Dr. S. S. Sayyad	Privacy Preserving Federated Learning with Hybrid DP+Encryption in Flower
2	23032011	*SADAMATE PRANALI SANGRAM	Honors with Research	Dr. A.S.Dange	Advancing Personalized Medicine with Quantum Computing
3	23032008	*MOHITE AKSHATA PANDURANG	Honors with Research	Dr. A. J. Shikalgar	Privacy- Preserving Differentially Private Fine-Tuning for Large Language Models
4	23032001	SAYYAD ZAHORAHMED SIRAJ	Honors with Research	Dr. A. J. Shikalgar	Memory Optimization in Micro Python for Resource - Constraint Devices



Shikhar