



SRI RAMAKRISHNA ENGINEERING COLLEGE

[Educational Service : SNR Sons Charitable Trust]
Vattamalaipalayam, N.G.G.O. Colony Post,
Coimbatore – 641022.

 www.srec.ac.in
 +917530089996



03.11.2025

MINUTES OF THE 22nd BOARD OF STUDIES MEETING FOR THE UG B.E (CSE) PROGRAMME HELD ON 03-11-2025 (Monday) AT 11 AM IN CSE BOARD ROOM.

The following members attended the above meeting.

1. Dr.M.S.Geetha Devasena, Chairperson
2. Dr. Rajeswari Sridhar, University Nominee
3. Dr. Valliappan Raman, University Nominee
4. Dr.Suresh Purini, Subject Expert from Outside the Parent University
5. Dr.G.Zayaraz, Subject expert from other University
6. Mr.Viswanathan Rajalingam, Representative from Industry
7. Mr.M.Divakar Raj, Alumni Representative
8. Dr.P.Perumal, Internal Member
9. Dr.R. Kingsy Grace, Internal Member
10. Dr.N.Susila, Internal Member
11. Dr.B.Mathivanan, Internal Member
12. Dr.R.Madhumathi, Internal Member
13. Dr.V.Saveetha, Internal Member
14. Mr.S.Sureshkumar, Internal Member
15. Mrs.S.Ezhilin Freeda, Internal Member
16. Mrs.S.Prince Sahaya Brighty, Internal Member
17. Mrs.G.Rathi, Internal Member
18. Mrs.C.Padmavathy, Internal Member
19. Mr.V.Krishna Kumar, Internal Member
20. Mrs.P.Sugantha Priyadharshini, Internal Member
21. Mr.G.Narendran, Internal Member
22. Mr.Y.J.Ganesh, Internal Member

Dr. M.S.Geetha Devasena Professor & Head, CSE Department and Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 22nd BoS meeting. Chairperson disseminated the Vision & Mission of the Institution and also the Vision & Mission of the Department of the Programme B.E Computer Science and Engineering. After a brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

UG Programmes

RR2020

ITEM No.1

- It is resolved that the Revised Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for B.E (CSE) programme for students admitted in the Academic year 2022, 2023 & 2024.

ITEM No.2

- It is resolved that the following new One Credit Courses will be included under Revised Regulations 2020 for B.E. CSE programme.

20CSI041 Building Scalable UI with React Components and Next.js Framework

20CSI042 Cloud Infrastructure Management with Kubernetes & Terraform

20CSI043 Spring Boot with Kafka

ITEM No.3

- It is resolved that the following NPTEL courses are approved for credit transfer during Nov/Dec 2025.

S. No.	Course Id	Course Name	SME Name	Institute	Duration	Mentor
1.	noc24-cs85	Practical Cyber Security for Cyber Security Practitioners	Prof. Sandeep K. Shukla	IIT Kanpur	12 Weeks	Mr. M. Velmurugan
2.	noc24-cs100	Randomized Methods in Complexity	Prof. Nitin Saxena	IIT Kanpur	12 Weeks	Mr. R. S. Vishnu Durai
3.	noc24-cs121	Cyber Security and Privacy	Prof. Saji K Mathew	IIT Madras	12 Weeks	Mrs. G. Anusha

4.	noc24-cs109	Algorithmic Game Theory	Prof. Palash Dey	IIT Kharagpur	12 Weeks	Ms. T. Nithyashree
5.	noc24-cs97	Approximation Algorithm	Prof. Palash Dey	IIT Kharagpur	12 weeks	Mr.N.Manoj
6.	noc24-cs132	Responsible & Safe AI Systems	Prof. Ponnurangam Kumaraguru Prof. Balaraman Ravindran Prof. Arun Rajkumar	IIIT Hyderabad and IIT Madras	12 Weeks	Mr. Y. M. Ismankhan
7.	noc25-cs96	Parameterized Algorithms	Prof. Neeldhara Misra, Prof. Saket Saurabh	IIT Gandhinagar IMSc - The Institute of Mathematical Sciences	12 Weeks	Dr.T.Manoj Praphakar
8.	noc25-cs86	Distributed Optimization and Machine Learning	Prof. Mayank Baranwal	IIT Bombay	12 Weeks	Ms.S.Sathya
9.	noc25-cs102	Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	Ms.R.Nandhini
10.	noc25-cs100	Social Network Analysis	Prof. Tanmoy Chakraborty	IIT Delhi	12 Weeks	Mrs.C.Sowntharya
11.	noc25-cs135	Design & Implementation of Human-Computer Interfaces	Prof. Samit Bhattacharya	IIT Guwahati	12 Weeks	Mrs. M. Shanthini
12.	noc25-cs117	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIIT Hyderabad	12 Weeks	Ms. A. Ishwarya
13.	noc25-cs98	Applied Accelerated Artificial Intelligence	"Prof. Satyajit Das, Prof. Satyadhyam Chickerur, Prof. Bharatkumar Sharma, Prof. Adesuyi Tosin"	"IIT Guwahati KLE Technological University NVIDIA"	12 Weeks	Mr. Gaurab Mudhbari

ITEM No.4

- It is resolved that the Result Analysis for the Academic Year 2024 – 2025 Semesters (VIII / VII/ IV/ II) are approved and passed.

Even Semester				
Semester	No. of Students Registered in all the Subjects	No. of Students Appeared in all the Subjects	No. of Students Passed in all Subjects	Overall Percentage %
II	206	203	158	77.83 %
IV	223	216	165	76.39 %
VI	223	216	165	76.39 %
VIII	198	198	198	100 %

ITEM No.5

It is resolved that the following Honors/Minor courses are offered during the odd semester of Academic Year 2025 – 2026 and the following eligible students be approved for the Honors / minors in B.E. CSE degree programme.

S. No.	Course Code	Course Title	Credits
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING – HONORS/MINORS (2022 – 2026)			
1	20CS2E01	Reinforcement Learning [offered by industry- Lapiz Digital Services]	3
2	20CS2E82	AI for Edge Devices [offered by industry- ZOHO]	3
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING - HONORS (2023 – 2027)			
1	20CS2E09	Explainable Artificial Intelligence [offered by industry- RBG.AI]	3
2	20CS2E05	Deep Learning [offered by industry- IQZ Systems]	3

S. No.	Course Code	Course Title	Credits
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING - MINORS (2023 -2027)			
1	20CS2E04	AI Tools and Frameworks [offered by industry- ZHAGARAM PVT LTD]	3
2	20CS2E72	Machine Learning Techniques [offered by industry- Amapo Technologies]	3

S. No.	Course Code	Course Title	Credits
AUGUMENTED REALITY/VIRTUAL REALITY- HONORS (2022 - 2026)			
1	20CS2E77	3D VIRTUAL ENVIRONMENT [offered by industry- Allreal]	3
2	20CS2E74	GAME PROGRAMMING [offered by SREC]	3
AUGUMENTED REALITY/VIRTUAL REALITY- HONORS (2023 - 2027)			
1	20CS2E73	VIRTUAL REALITY/AUGMENTED REALITY/MIXED REALITY/ EXTENDED REALITY [offered by SREC]	3
2	20CS2E75	UI/UX DESIGN FOR AUGMENTED AND VIRTUAL REALITY [offered by industry- Allreal]	3

ITEM No.6

- It is resolved that the following specialization/minor Courses are offered during the Odd Semester of Academic Year 2025 – 2026 and the following eligible students be approved for the Honors Specialization / Minor in B.E. CSE degree programme

Specialization / Minor Course Details	Course Code and Title	Register No. of the Candidate	Candidate Name
AI/ML Specialization – Honors	20CS2E01Reinfor cement Learning (No. of Students: 13)	71812201010	AGALYA M
		71812201026	ATCHAYA A
		71812201042	DHIVYASHREE MP

		71812201047	ENITHA S
		71812201049	GESNU DHARRSHAN A
		71812201055	HARINISRI K P
		71812201113	KISHORE E
		71812201118	LAKSHMI AK
		71812201130	MERLIN DEEPIKA D
		71812201155	POORNASHREE M
		71812201204	REVATHI R
		71812201243	THARUN S
		71812201246	VELMANIKANDAN K
	noc24- cs132 RESPONSIBLE & SAFE AI SYSTEMS (No. of Students: 04)	71812201043	DIVYASRI B
		71812201023	ASHWINI S
		71812201040	DHARSHANA M
		71812201231	SUDHARSH M

Specialization / Minor Course Details	Course Code and Title	Register No. of the Candidate	Candidate Name
AI/ML Specialization – Honors	20CS2E82 AI FOR EDGE DEVICES (No. of Students: 17)	71812201010	AGALYA M
		71812201026	ATCHAYA A
		71812201042	DHIVYASHREE MP

		71812201047	ENITHA S
		71812201049	GESNU DHARRSHAN A
		71812201055	HARINISRI K P
		71812201113	KISHORE E
		71812201118	LAKSHMI AK
		71812201130	MERLIN DEEPIKA D
		71812201155	POORNASHREE M
		71812201204	REVATHI R
		71812201243	THARUN S
		71812201246	VELMANIKANDAN K
		71812201043	DIVYASRI B
		71812201023	ASHWINI S
		71812201040	DHARSHANA M
		71812201231	SUDHARSH M

Specialization / Minor Course Details	Course Code and Title	Register No. of the Candidate	Candidate Name
AI/ML Specialization – Honors	20CS2E05 Deep Learning	71812301265	SARTHAK JAIN
		71812301024	ASHWANTH SENTHILKUMAR
		71812301273	SASHIBHUSHAN M S
		71812301268	SAMPRAAD NEUPANE

	20CS2E09 Explainable Artificial Intelligence (No. of Students: 20)	71812301232	SHAKTHIKUMAR SADHANANDHAM
		71812301017	G.APSARA
		71812301237	SNEHA D
		71812301042	DHARSHINI N
		71812301269	SURYA BAHADUR SHAHI
		71812301242	SRI VARSHINI S
		71812301013	ANANTHI G
		71812301249	TARAN PAL SINGH HEERA
		71812301211	PRASHEEDHA R
		71812301253	THARUNYA S
		71812301252	THARUNIKAA M
		71812301230	M.SAVITHA
		71812301118	JEYA SUSIDHA G
		71812301047	DHINESH V
		71812301006	ADVAITH G
		71812301225	SANDHYA M

Specialization / Minor Course Details	Course Code and Title	Register No. of the Candidate	Candidate Name
Cyber Security - Honors	20IT2E70 – Enterprise Security	71812201212	SAKTHIVEL K

	NPTEL noc25 – cs120- Practical Cyber Security for Cyber Security Practitioner (No. of Students: 02)	71812201257	VISHWESHWARAR.S
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Specialization / Minor Course Details	Course Code and Title	Register No. of the Candidate	Candidate Name
AR/VR Speciali- zation – Honors	20CS2E73	71812301007	AGILAN M
	VIRTUAL	71812301113	HEMADHARSHINI V
	REALITY/AUGMENTED	71812301116	JEHIEL A
	REALITY/MIXED	71812301131	KARTHICK R
	REALITY/ EXTENDED	71812301207	PRAKASH K
	REALITY	71812301228	SANKAR A
	20CS2E75	71812301236	SIVASURYA M
	UI/UX DESIGN FOR	71812301251	THANIJA J P
	AUGMENTED AND VIRTUAL REALITY (No. of Students: 09)	71812301260	VISHMITHA K

ITEM No.7

- It is resolved that the following Mandatory courses be approved for the students in B.E. CSE degree programme.

Batch: 2022 - 2026 (IV Year)

S. No	Mandatory Course	Course Code	No. of Students Completed
1.	Personality and Character development	20MCXXX	205
2.	Allied Skills (Technical Certification)	20MC275	205
3.	EEC	20MC291	203

Batch: 2023 - 2027 (III Year)

S. No	Mandatory Course	Course Code	No. of Students Completed
1.	Personality and Character development	20MCXXX	223
2.	Allied Skills (Technical Certification)	20MC275	223
3.	EEC	20MC291	Ongoing and the exam will be conducted during VI semester

Batch: 2024 - 2028 (II Year)

S. No	Mandatory Course	Course Code	No. of Students Completed
1.	Personality and Character development	20MCXXX	217
2.	Allied Skills (Technical Certification)	20MC275	Students undergoing the Course

ITEM No.8

- It is resolved that the following students who completed 4/6 weeks of Internship/Inplant training, be approved for the student in B.E. CSE degree programme

Batch: 2022 - 2026

S. No.	Industry	No. of Students Completed
1.	ADHIBA Technologies Pvt. Ltd.,	2
2.	Adhoc Software, Cbe	5
3.	All India Radio, Ooty	1
4.	Assistanz Networks Private Limited., Coimbatore	1
5.	Bikkatty Industrial Co-OP, Tea Factory Ltd.,Indicoserve, Ooty	1
6.	Bumblebee Inc, Cbe	3
7.	Caliber Interconnects Pvt Ltd., Cbe,	1
8.	Campalin Innovations Pvt. Ltd.,Cbe	1

9.	Carbloy Presition Pvt Ltd	3
10.	CLOUDITIX TECHNOLOGIES, Bangalore	1
11.	E.I.D Parrys, Karur	1
12.	Eight Bit Technologies, Cbe.	3
13.	Elysium Technologies Pvt Ltd., Madurai	5
14.	Emglitz Technologies, Cbe	4
15.	Emglitz technologies, Salem	1
16.	Equator Technologies, Cbe	2
17.	Ether Infotech, Cbe	1
18.	Fieldez Technologies Pvt. Ltd.,Cbe	3
19.	Gateway Software Solutions, Coimbatore	10
20.	Infoem Software Solutions, Nammakal.	1
21.	KITKAT Software Technologies	4
22.	Knila IT Solutions,Cbe	6
23.	Kumaran Medical Center, Coimbatore	2
24.	Litz Tech India Pvt Ltd,Cbe	5
25.	Mallow Technologies Pvt Ltd.,Karur	1
26.	Metasoft, Cbe	5
27.	Mindnotix software solutions, cbe	3
28.	Nxtlogic Software Solutions, Cbe	5
29.	QONO Technologies Pvt Ltd	6
30.	Quantanics Techserv Private Limited Madurai	1
31.	Senthuron Tech,cbe	2
32.	SpotKnack Ibevy Forte Private Ltd, Cbe	3

33.	Technocovai Software Pvt. Ltd	2
34.	Titan Company	3
35.	Twisys Infotech,cbe	2
36.	Web Epic Technologies Private Ltd, Cbe	8

Batch: 2023 - 2027

S.No	Industry	No. of Students Completed
1.	UI BRIDGE	2
2.	Raarya Property Developers	3

Batch: 2024 – 2028 NIL

ITEM No.9

- It is resolved that the following students are readmitted during the current academic year 2025-2026 as per the approval from 'The Commissioner of Technical Education'.

71812301221 M. SAIRAM KISHORE

II B. E CSE C SECTION

71812201004 ABHISHEK M

III B. E CSE A SECTION

ITEM No.10

R2025

- It is resolved that Regulations 2025 (Outcome based Curriculum through Choice based Credit System) will be followed for all B.E. (CSE) programmes for students admitted in the Academic year 2025 and onwards.

ITEM No.11

- It is resolved that the revised Vision and Mission of the Department will be followed from the academic year 2025-2026 onwards.

ITEM No.12

- It is resolved that the redefined Programme Educational Objective (PEOs) and the Programme Specific Outcomes (PSOs) for the Programme B.E Computer Science and Engineering will be followed from the academic year 2025-2026 onwards.

ITEM No.13

- It is resolved that the Curriculum and Syllabi be approved for the following new courses.

Semester III

S. No	Course Code	Course Title	Category	L	T	P	C
THEORY							
1.		Discrete Structures and Combinatorics	BS	3	1	0	4
2.		Data Structures and Algorithms	PC	3	0	0	3
3.		Ability Enhancement Course -1	AEC	2	0	0	2
4.		Value Added Course – 1	VAC	2	0	0	2
5.		Liberal Arts Course	LAC	2	0	0	2
6.		Database Management Systems	PC	3	0	0	3
THEORY CUM LABORATORY							
7.		Operating Systems	PC	2	0	2	3
8.		Object Oriented Programming using Java	ES	1	0	4	3
PRACTICALS							
9.		Data Structures & Algorithms Lab	PC	0	0	2	1
10.		Database Management Systems Lab	PC	0	0	2	1
Total							24

Semester IV

S. No	Course Code	Course Title	Category	L	T	P	C
THEORY							
1.		Open Elective – 1	OE	3	0	0	3
2.		Multidisciplinary Minor Course – 1	MMC	3	0	0	3
3.		Skill Enhancement Course -1	SEC	0	0	3	2

THEORY CUM LABORATORY							
4.		Artificial Intelligence and Machine Learning	PC	2	0	2	3
5.		Design and Analysis of Algorithms	PC	2	0	2	3
6.		Network Essentials	PC	2	0	2	3
PRACTICALS							
7.		Frontend Frameworks	PC	0	0	4	2
8.		Mini Project	ELC	0	0	4	2
Total							21

ITEM No.14

- It is resolved that the syllabi for the following new Open Elective courses under Regulations 2025 be approved and passed.

25CSXXX – JAVA Programming

25CSXXX – Data Analytics and Visualization

25CSXXX – Machine Learning

ITEM No.15

- It is resolved that the syllabi for the following new Multidisciplinary Elective courses (MDC) under Regulations 2025 be approved and passed.

25CSXXX - Embedded Systems and IOT

25CSXXX – UI AND UX

ITEM No.16

- It is resolved that the syllabi for the following new Skill Enhancement courses (SEC) under Regulations 2025 be approved and passed.

25CSXXX – Mobile Application Development

ITEM No.17

- It is resolved that the syllabi for the following new Value Added courses (VAC) under Regulations 2025 be approved and passed.

25CSXXX – Intellectual Property Rights

ITEM No.18

- It is resolved that the following Mandatory courses be approved for the student in B.E. CSE degree programme.

25MCXXX Coding Club

25MCXXX FOSS Club

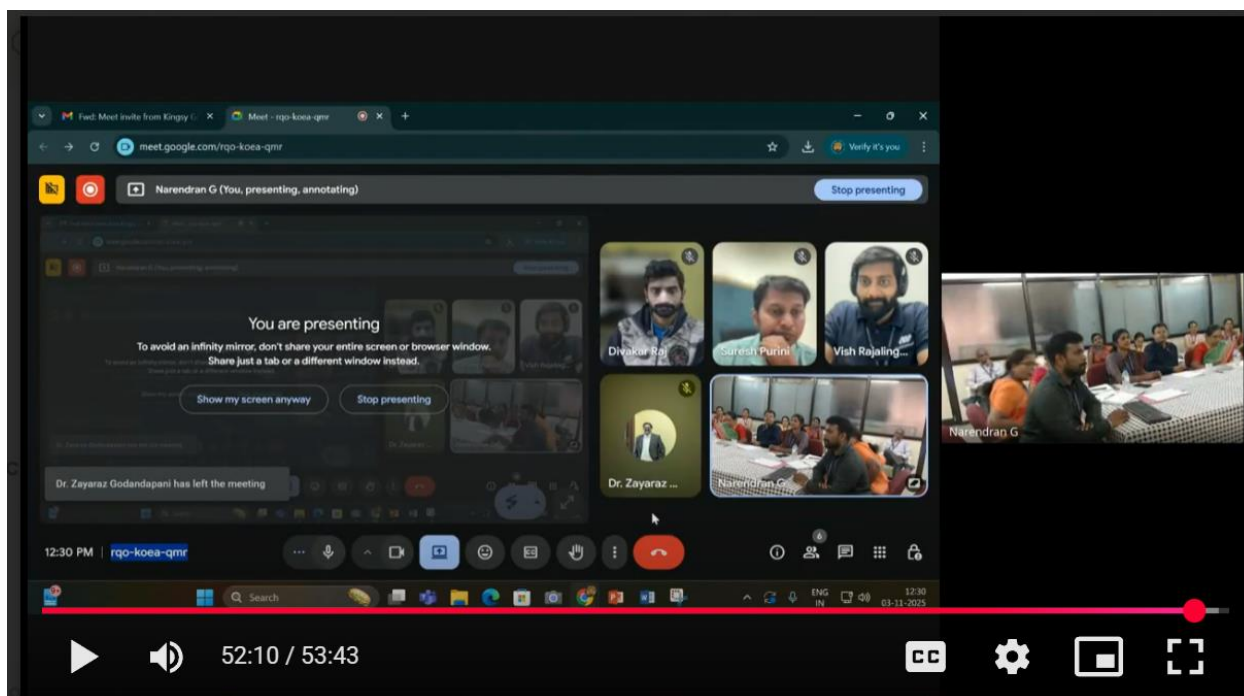
ITEM No.19

- It is resolved that the Course titled “Data Structures and Algorithms” will be followed under Regulations 2025 (Outcome based Curriculum through Choice based Credit System) for the Students of B.E.- ECE/EEE/EIE/BME Departments admitted in the Academic Year 2025 and onwards.

Snapshots of the 22nd BoS Meeting







Suggestion by Expert Members:

01. Dr. Rajeswari Sridhar, University Nominee, Professor, Department of CSE, National Institute of Technology, Tiruchirappalli.

- Dr. Rajeswari Sridhar appreciated the Curriculum structure and Syllabus of Regulations R2025 and put forth few suggestions.
- Credits for the Professional core courses to be increased.
- Few of the core courses in PC category are Theory cum Laboratory courses and the hours are not sufficient.
- Multi-disciplinary Minor (MMC) courses should not collide with Professional Elective (PE) courses.
- The course titled 'Data Structures and Algorithms' can be modified 'Data Structures' and in the same course, AVL trees, Binomial/Fibonacci Heap portions to be included.
- In the 'Database Management Systems' course, the hour weightage can be increased to Transaction Management concepts and can be reduced for SQL, NoSQL concepts.
- The course 'Object Oriented Programming using Java' can be renamed as 'Object Oriented Programming'.

- In the course titled ‘Artificial Intelligence and Machine learning’, RNN and Agents to be removed, modules 4 and 5 to be revised and the lab exercises to aligned with revised syllabus, Prolog concepts to be included in lab exercises.
- The course titles of ‘Front End Frameworks’ and ‘Back End Frameworks’ can be changed as ‘Full Stack UI Development’ and ‘Full Stack Content Development’ respectively.
- The courses ‘Data Science’ and ‘Big Data Analytics’ can be combined and the courses ‘Software Engineering’ and ‘Software Project Management’ can be combined. free slot can be filled with the course and NPTEL syllabus can be referred.
- The courses ‘Deep learning for NLP’ and ‘Cryptography and Cyber Security’ can be included in core category.
- Natural Language Processing can be included in Elective Vertical.
- The Professional Softcore course I can include LLM and Gen AI courses and the Professional Softcore course II can include Quantum Computing, High Performance Computing and Block chain courses.

02. Dr. Valliappan Raman, University Nominee, Professor, Department of Artificial Intelligence and Data Science, Coimbatore Institute of Technology, Coimbatore.

- Dr. Valliappan Raman appreciated the Curriculum structure and Syllabus of Regulations R2025 and put forth few suggestions.
- In the course ‘Object Oriented Programming’, first module can be OOPs concepts, from second module onwards Java concepts can be included, Leet Code platform can be utilized.
- The course titled ‘Artificial Intelligence and Machine Learning’, PCA, Logistic regression concepts can be removed and ANN, SVM concepts to be added.

03. Dr.Suresh Purini, Expert from Outside the Parent University, Assoc.Prof/ CSE International Institute of Information Technology (IIIT) Hyderabad

- Dr. Suresh Purini appreciated the Curriculum structure and Syllabus of Regulations R2025 and put forth few suggestions.
- The course titled ‘Data Structures and Algorithms Laboratory’ can be renamed as ‘Data Structures Laboratory’ and in the same Laboratory course, AVL trees portions to be included.

- In the course titled ‘Design and Analysis of Algorithms, the portions and hours for NP completeness can be increased and AVL trees can be removed.

04. Dr. G.Zayaraz, Subject expert from other University, Prof & Head Puducherry Technological University, Puducherry

- Dr. G.Zayaraz appreciated the Curriculum structure and Syllabus of Regulations R2025 and put forth few suggestions.
- In the course titled ‘Operating Systems’, Linux portions can be added in the theory part.
- The course titled ‘Artificial Intelligence and Machine Learning’ can be divided into two courses.
- The courses titled ‘Large Language Models’ to be removed from PC category.
- The course titled ‘Explainable AI’ can be introduced with reference to International universities and latest trends.

05. Mr.Viswanathan Rajalingam, Expert from Industry, Multicoreware, Vice President & General Manager Mobility & Transportation Business Unit, Chennai – 600089.

- Mr. Viswanathan Rajalingam, appreciated the Curriculum structure and Syllabus of Regulations R2025.
- In the course titled ‘Artificial Intelligence and Machine Learning’, transformer and simple map concepts to be included.
- Suggested to have project-based evaluations and open-ended lab assignments.

06. Mr.M.Divakar Raj, Alumni Representative, Technical Architect, Odessa, Bengaluru

- Mr. Divakar Raj, appreciated the Curriculum structure and Syllabus of Regulations R2025 .
- Suggested to invite industry experts for guest lectures, tool demonstrations, and project mentoring.
- Suggested to focus more on programming and placement-oriented courses in the upcoming semesters to enhance students’ employability, practical skills, and industry readiness.

Name of the Member	Designation	Signature
Dr.M.S.Geetha Devasena	Chairperson	MS Geetha Devasena 3/11/25
Dr. Rajeswari Sridhar	University Nominee	[Signature] 3/11/2025
Dr. Valliappan Raman	University Nominee	[Signature] 3/11/25
Dr. Suresh Purini,	Subject Expert from Outside the Parent University	Attend online
Dr.G.Zayaraz	Subject expert from other University	Attend online
Mr.Viswanathan Rajalingam	Representative from Industry	Attend online
Mr.M.Divakar Raj	Alumni Representative	Attend online
Dr.P.Perumal	Internal Member	[Signature] 3/11/25
Dr.R. Kingsy Grace	Internal Member	[Signature] 3/11/25
Dr.N.Susila	Internal Member	N. Susila 3/11/25
Dr.B.Mathivanan	Internal Member	[Signature] 3/11/25
Dr.R.Madhumathi	Internal Member	On-Duty
Dr.V.Saveetha	Internal Member	V. Saveetha 3/11/25
Mr.S.Sureshkumar	Internal Member	[Signature] 03/11/25
Mrs.S.Ezhilin Freeda	Internal Member	[Signature] 3/11/25
Mrs.S.Prince Sahaya Brighty	Internal Member	[Signature] 3/11/25
Mrs.G.Rathi	Internal Member	[Signature] 3/11/25
Mrs.C.Padmavathy	Internal Member	[Signature] 3/11/25
Mr.V.Krishna Kumar	Internal Member	[Signature] 3/11/25
Mrs.P.Sugantha Priyadharshini	Internal Member	[Signature] 3/11/25
Mr.G.Narendran	Internal Member	[Signature] 3/11/25
Mr.Y.J.Ganesh	Internal Member	[Signature] 3/11/25

MS Geetha Devasena
3/11/25
CHAIRPERSON
BOARD OF STUDIES

Department of Computer Science and Engineering



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14.03.2026

MINUTES OF THE 23rd BOARD OF STUDIES MEETING FOR THE UG B.E (CSE) PROGRAMME HELD ON 14-03-2026 (Saturday) AT 10 AM IN ONLINE MODE.

The following members attended the above meeting.

1. Dr.M.S.Geetha Devasena, Chairperson
2. Dr. Rajeswari Sridhar, University Nominee
3. Dr. Valliappan Raman, University Nominee
4. Dr.Suresh Purini, Subject Expert from Outside the Parent University
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19. Mr.G.Narendran, Internal Member
20. Mr.Y.J.Ganesh, Internal Member

Dr. M.S.Geetha Devasena Professor & Head, CSE Department and Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 23rd BoS meeting. Chairperson disseminated the Vision & Mission of the Institution and also the Vision & Mission of the Department of the Programme B.E Computer Science and Engineering. After a brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

UG Programmes

RR2020 & R2025

ITEM No.1

- It is resolved that the Revised Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for B.E (CSE) programme for students admitted in the Academic year 2022, 2023 & 2024.

ITEM No.2

- It is resolved that Regulation 2025 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech. programmes for students admitted in the Academic year 2025.

ITEM No.3

- It is resolved that the following NPTEL courses are approved for credit transfer during Apr/May 2026.

S.NO	Course Id	Course Name	SME Name	Institute	Duration	MENTOR
1.	noc26-cs04	Neural Networks for Computer Vision and Natural Language Processing	Prof Arijit Sur	IIT Guwahati	12 Weeks	Mr.R.S.Vishnu Durai
2.	noc26-cs12	Introduction to Haskell Programming	Prof. S. P Suresh	Chennai Mathematical Institute	8 Weeks + 4 Weeks (New)	Mrs.M.Dhivyashree
3.	noc26-cs17	Secure Computation: Part I	Prof. Ashish Choudhury	IISc Bangalore	12 Weeks	Mrs.K.Ranjeethapriya

S.NO	Course Id	Course Name	SME Name	Institute	Duration	MENTOR
4.	noc26-cs57	Cryptography and Network Security	Prof. Sourav Mukhopadhyay	IIT Kharagpur	12 Weeks	Mr.Y.M.Ismankhan
5.	noc26-cs60	Advanced Computer Networks	Prof. Neminath Hubballi Prof. Sameer Kulkarni	IIT Indore IIT Gandhi nagar	12 Weeks	Mr.M.Velmurugan
6.	noc26-cs61	Affective Computing	Prof. Jainendra Shukla Prof. Abhinav Dhall	IIIT Delhi	12 Weeks	Mrs.G.Anusha
7.	noc26-cs63	Artificial Intelligence: Knowledge Representation and Reasoning	Prof. Deepak Khemani	IIT Madras	12 Weeks	Mr.S.Suresh kumar
8.	noc26-cs69	Getting Started with Competitive Programming	Prof. Neeldhara Misra	IIT Gandhinagar	12 Weeks	Mrs.S.Birundha
9.	noc26-cs82	Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	Mr.V.Krishna Kumar
10.	noc26-cs86	Data Analytics with Python	Prof. A Ramesh	IIT Roorkee	12 Weeks	Mrs.C.Padmavathy

ITEM No.4

- It is resolved that the Result Analysis for the Academic Year 2025 – 2026 Semesters (VIII / VII/ V/ III) are approved and passed.

Even Semester				
Semester	No. of Students Registered in all the Subjects	No. of Students Appeared in all the Subjects	No. of Students Passed in all Subjects	Overall Percentage %
III	223	220	180	80.71 %
V	224	220	205	93.1 %
VII	178	178	175	98.3 %

ITEM No.5

It is resolved that the following Honors/Minor courses are offered during the even semester of Academic Year 2025 – 2026 and the following eligible students be approved for the Honors / minors in B.E. CSE degree programme.

S. No.	Course Code	Course Title	Credits
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING - HONORS (2023 – 2027)			
1	20CS2E81	DEEP LEARNING AND GENAI FOR CLOUD [offered by industry- Trimble]	3
2	20CS2E79	FOUNDATION MODEL FOR GENERATIVE AI [offered by industry- Lapiz Digital Services]	3

S. No.	Course Code	Course Title	Credits
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING - MINORS (2023 -2027)			
1	20CS2E05	DEEP LEARNING [offered by SREC]	3
2	20CS2E06	ROBOTIC PROCESS AUTOMATION [offered by industry- QuantumNique Solutions PVT LTD]	3

S. No.	Course Code	Course Title	Credits
AUGUMENTED REALITY/VIRTUAL REALITY- HONORS (2023 - 2027)			
1	20CS2E76	MOBILE APP DEVELOPMENT FOR VR [offered by industry- Allreal]	3
2	20CS2E78	AR APPS IN UNITY [offered by industry- Allreal]	3

Specialization / Minor Course Details	Course Code and Title	Register No. of the Candidate	Candidate Name
AI/ML Specialization	20CS2E81 DEEP LEARNING AND	71812301265	SARTHAK JAIN

– Honors	GENAI FOR CLOUD	71812301024	ASHWANTH SENTHILKUMAR
	20CS2E79 FOUNDATION MODEL FOR GENERATIVE AI (No. of Students: 18)	71812301273	SASHIBHUSHAN M S
		71812301268	SAMPRAD NEUPANE
		71812301232	SHAKTHIKUMAR SADHANANDHAM
		71812301017	GAPSARA
		71812301237	SNEHA D
		71812301042	DHARSHINI N
		71812301269	SURYA BAHADUR SHAHI
		71812301242	SRI VARSHINI S
		71812301013	ANANTHI G
		71812301249	TARAN PAL SINGH HEERA
		71812301211	PRASHEEDHA R
		71812301253	THARUNYA S
		71812301252	THARUNIKAA M
		71812301230	M.SAVITHA
		71812301118	JEYA SUSIDHA G
		71812301047	DHINESH V

Specialization / Minor Course Details	Course Code and Title	Register No. of the Candidate	Candidate Name
AR/VR Specialization – Honors	20CS2E76 MOBILE APP DEVELOPMENT FOR VR 20CS2E78 AR APPS IN UNITY (No. of Students: 09)	71812301007	AGILAN M
		71812301113	HEMADHARSHINI V
		71812301116	JEHIEL A
		71812301131	KARTHICK R
		71812301207	PRAKASH K
		71812301228	SANKAR A
		71812301236	SIVASURYA M
		71812301251	THANIJA J P
		71812301260	VISHMITHA K

ITEM No.6

- It is resolved that the following Mandatory courses be approved for the students in B.E. CSE degree programme.

Batch: 2022 - 2026 (IV Year)

S. No	Mandatory Course	Course Code	No. of Students Completed
1.	Personality and Character development	20MCXXX	205
2.	Allied Skills (Technical Certification)	20MC275	205
3.	EEC	20MC291	205

Batch: 2023 - 2027 (III Year)

S. No	Mandatory Course	Course Code	No. of Students Completed
1.	Personality and Character development	20MCXXX	223
2.	Allied Skills (Technical Certification)	20MC275	223
3.	EEC	20MC291	Ongoing and the exam will be conducted during VI semester end

Batch: 2024 - 2028 (II Year)

S. No	Mandatory Course	Course Code	No. of Students Completed
1.	Personality and Character development	20MCXXX	214
2.	Allied Skills (Technical Certification)	20MC275	Students undergoing the Course

ITEM No.7

- It is resolved that the following students who completed 4/6 weeks of Internship/Inplant training, be approved for the student in B.E. CSE degree programme

Batch: 2022 – 2026 Completed**Batch: 2023 – 2027**

S.No	Industry	No. of Students Completed
1.	ABT LIMITED	1
2.	ACCENT TECHNO SOFT	11
3.	ACCULER MEDIA TECHNOLOGIES	3
4.	AGILETRIBERS TECH SOLUTIONS PRIVATE LIMITED	1
5.	AIROBOSOFT PRODUCT SERVICE	3
6.	AKITRA INC	2
7.	ALTHI SOLUTIONS	1
8.	ALTITUDES	2
9.	AMYPO TECHNOLOGIES PVT LTD	6
10.	ANJANA INFOTECH	3
11.	ANP SOFTECH	2
12.	APPIN TECHNOLOGY	9
13.	AQUASUB ENGINEERING	1
14.	ARAM ANALYTICS	1
15.	ARDHAS TECHNOLOGY INDIA PVT LTD	2
16.	AS GLOBAL SOFT TECH	11

17.	AURISS TECHNOLOGIES PRIVATE LIMITED	2
18.	BENCHMARRK	3
19.	BINARY SPOT TECHNOLOGY	3
20.	CAP DIGISOFT SOLUTIONS PVT LTD	1
21.	CENSOWARE TECHNOLOGIES LLP	4
22.	COFFEE INC	1
23.	D J CONTROLS	3
24.	DENIZEN TECHNOLOGIES	1
25.	DIGITAL GRASP COIMBATORE	3
26.	DMEX SOLUTIONS	2
27.	DSIGNZ MEDIA GAZILION INVASION	1
28.	DYNAMIC TECHNOSOFT	2
29.	ELYSIUM TECHNOLOGIES PRIVATE LIMITED	2
30.	EMGLITZ TECHNOLOGIES PVT LTD	6
31.	ENCAPSULATE IT	2
32.	ETHER SERVICES	1
33.	FAST WALLET PVT LTD	2
34.	FRONTLINE TECHNOLOGIES	2
35.	FUTURIK TECHNOLOGIES	1
36.	GATEWAY SOFTWARE SOLUTIONS	9
37.	GENIUNE IT SOLUTIONS	5
38.	GENIZEN TECHNOLOGIES	1
39.	GOZLER ED TECH PVT LTD	6
40.	GR SYSTEMS	2
41.	GREENFOS PVT LTD COIMBATORE	1
42.	GRG TRUST PEELAMEDU	1
43.	HASHTAG INFOSYSTEMS	1
44.	HCL INFOSYSTEMS LTD	1
45.	HUG IT SOLUTIONS PVT LTD COIMBATORE	4

46.	I BACUS TECH	1
47.	I CONS TECHNOLOGIES	1
48.	I2 SOFTWARE TECH SOLUTIONS PVT LTD	1
49.	IC TECH ENGINEERING SOLUTION	3
50.	IDEAL FORMATIC GROUP OF COMPANIES	3
51.	IGLITZ TECHNOLOGIES	1
52.	ILIFE TECHNOLOGY	1
53.	IMMEDONE PVT LTD	1
54.	INDIAN INSTITUTE OF TECHNOLOGY MADRAS	1
55.	INDSYS HOLDINGS INDIA PRIVATE LIMITED	1
56.	INFINITE SOLUTION	4
57.	INFRONEX	4
58.	INTERFACE INFOSYS	2
59.	ISSENTIAL SOLUTION	2
60.	ITTOALL	8
61.	JELLY SOFTWARES	1
62.	JNGROUPS	1
63.	JUZGODIGITAL PVT LTD	1
64.	KANINI SOFTWARE SOLUTIONS INDIA PVT LTD	1
65.	KITKAT SOFTWARE TECHNOLOGIES COIMBATORE	1
66.	LARSEN TOUBRO LT KOODANKULAM NUCLEAR POWER PLANT KKNPP	2
67.	LEADING EDGE MEDIA	11
68.	LITZ TECH	4
69.	LIVE STREAM TECHNOLOGIES	8
70.	LOGICFOCUS	1
71.	MACROBOND ENGINEERS	1
72.	MACX TECHNOLOGIES	1
73.	MERIDA TECH MINDS	4
74.	MICRO INFOTECHCOIMBATORE	2

75.	MINDNOTIX SOFTWARE SOLUTIONS	2
76.	MIST SOFTWARE SOLUTIONS	8
77.	MYALTITUDES	1
78.	NANDHA INFOTECH	1
79.	NEXORIS SOLUTIONS	20
80.	NEXTSKILL TECHNOLOGIES PVT LTD	5
81.	NITROWARE TECHNOLOGY	1
82.	NOTEDADDIGITAL	1
83.	NOVITECH	1
84.	NXT LOGIC SOFTWARE SOLUTIONS COIMBATORE	21
85.	ORANGE AUTOMATION	1
86.	ORBIDX RESEARCH	4
87.	ORIGIN TECH	5
88.	PACKOBAGS PVT LIMITED	3
89.	PAPERZ SOLUTIONS	1
90.	PRECISION INFOMATIC M PVT LTD	1
91.	PRICOL PVT LTD	1
92.	PRIVACYWEAVE	2
93.	QONO TECHNOLOGIES PRIVATE LIMITED	5
94.	RAARYA DEVELOPERS	5
95.	RBGAI	3
96.	SENTHURON TECH	6
97.	SHADOW ARROW	3
98.	SKILLS MATTER	3
99.	SOFIX,JANAKPUR	6
100.	SOFTWARE SOLUTIONS PVT LTD TIRUPPUR	1
101.	SOFTWORTH SOLUTIONS PVT LTD COIMBATORE	1
102.	SOFTYUGA	3
103.	SPARKOUT TECH SOLUTIONS	4

104.	SPOTKNACK	3
105.	ST SOFTWARE SOLUTION	6
106.	TAMIZHA SOFTWARE SOLUTIONS	1
107.	TEHCITI SOFTWARE CONSULTING PRIVATE LIMITED	4
108.	TECHFORGE	4
109.	TECHPRO SOLUTIONS	2
110.	TECHVOLT PVT LTD	11
111.	THE SPARKOUT TECH SOLUTIONS PVT LTD	1
112.	THINKSOLV TECHNOLOGIES PRIVATE LIMITED COIMBATORE	2
113.	TRIOX TECHNOLOGIES	3
114.	UI BRIDGE SOLUTIONS	4
115.	UITOUX	6
116.	UNIFYCX	1
117.	UNIQ SOFTECH	3
118.	UNIQ SOFTECH PVT LTD	2
119.	VDART ACADEMY	2
120.	VIBRACE	4
121.	VIBRAVE TECHNOLOGIES	1
122.	VIRTUAL SOFTECH	4
123.	VISION CORP INFOTECH	3
124.	VYBOG CORPORATE OFFICE IN CHENNAI	1
125.	WEB EPIC TECHNOLOGIES PVT LTD	2
126.	WEBGEN SOLUTIONS	1
127.	WEBGEN TECH SOLUTIONS	12
128.	WIKPOLT SOFTWARES PRIVATE LIMITED	2
129.	WINGSSER SOLUTION	4
130.	YELKOM TECHNOLOGIES	2
131.	ZERAMAE INFOTECH PVT LTD	4

Batch: 2024 – 2028 Yet to be started

ITEM No.8

- It is resolved that the Curriculum and Syllabi be approved for the following new courses for Regulations 2025.

Semester V

S. No	Course Code	Course Title	Category	L	T	P	C
THEORY							
1.	25CS2202	Automata and Compiler Design	PC	3	1	0	4
2.	25*****	Open Elective – 2	OE	3	0	0	3
3.	25*****	Multidisciplinary Course – 2	MDC	3	0	0	3
4.	25CS****	Professional Elective - 1	PE	3	0	0	3
5.	25HS****	Ability Enhancement Course -3 (Emotional Intelligence)	AEC	2	0	0	2
THEORY CUM LABORATORY							
6.	25CS2255	Data Science	PC	2	0	2	3
PRACTICALS							
7.	25CS2273	Full Stack Content Development Laboratory	PC	0	0	4	2
8.	25CS2490	Skill Enhancement Course -2 (Competitive Programming)	SEC	0	0	4	2
Total							22

Semester VI

S. No	Course Code	Course Title	Category	L	T	P	C
THEORY							
1.	25CS2203	Software Engineering	PC	3	0	0	3
2.	25*****	Multidisciplinary Course – 3	MDC	3	0	0	3
3.	25CS****	Professional Elective - 2	PE	3	0	0	3
4.	25HS****	Value Added Course – 2 (FINTECH)	VAC	2	0	0	2
5.	25HS****	Management Course – 1 (Entrepreneurship Development)	HSSM	2	0	0	2

THEORY CUM LABORATORY							
6.	25CS2256	Cloud Computing and Big Data	PC	2	0	2	3
7.	25CS2257	Immersive Technologies	PC	2	0	2	3
PRACTICALS							
8.	25*****	Multidisciplinary Project	ELC	0	0	4	2
Total							21

ITEM No.9

- It is resolved that the syllabi for the following new Professional Elective courses under Regulations 2025 be approved and passed.

Professional Electives				
Vertical 1	Vertical 2	Vertical 3	Vertical 4	Vertical 5
Full stack Development 25CS230*	Computing 25CS231*	Networking and Security 25CS232*	Multimedia, Gaming and Animation 25CS333*	Artificial Intelligence & Data Science 25CS334*
25CS2300 Development Operations	25CS2310 Quantum Machine Learning	25CS2320 Software Driven Networking	25CS2330 Usability and Interface Design	25CS3340 Neural Networks and Deep Learning
25CS2301 Software Testing and Automation	25CS2311 Parallel and Distributed Systems	25CS2321 Cyber Defence and Ethical Hacking	25CS2331 3D Modeling and Animation	25CS3341 Prompt Engineering
25CS2302 C# and .Net	25CS2312 Cognitive Computing	25CS2322 Cyber Forensics	25CS2332 Metaverse and Digital Twin Systems	25CS3342 MLops

ITEM No.10

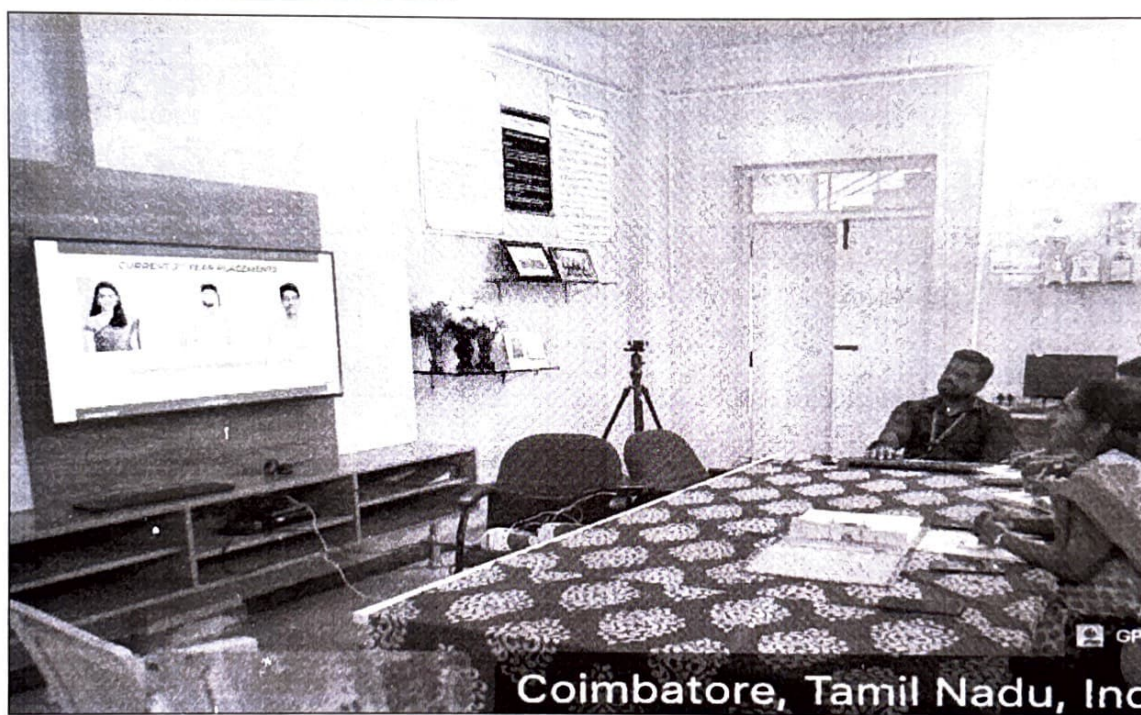
- It is resolved that the syllabi for the following new Skill Enhancement courses (SEC) under Regulations 2025 be approved and passed.

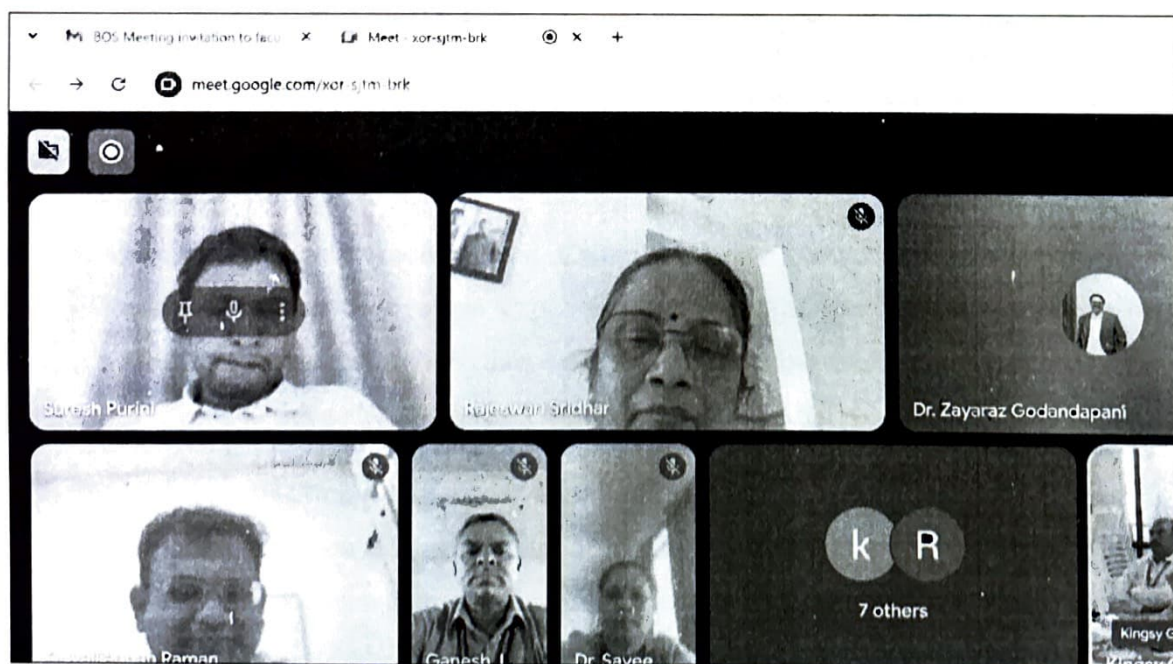
25CS2490 - Competitive Programming

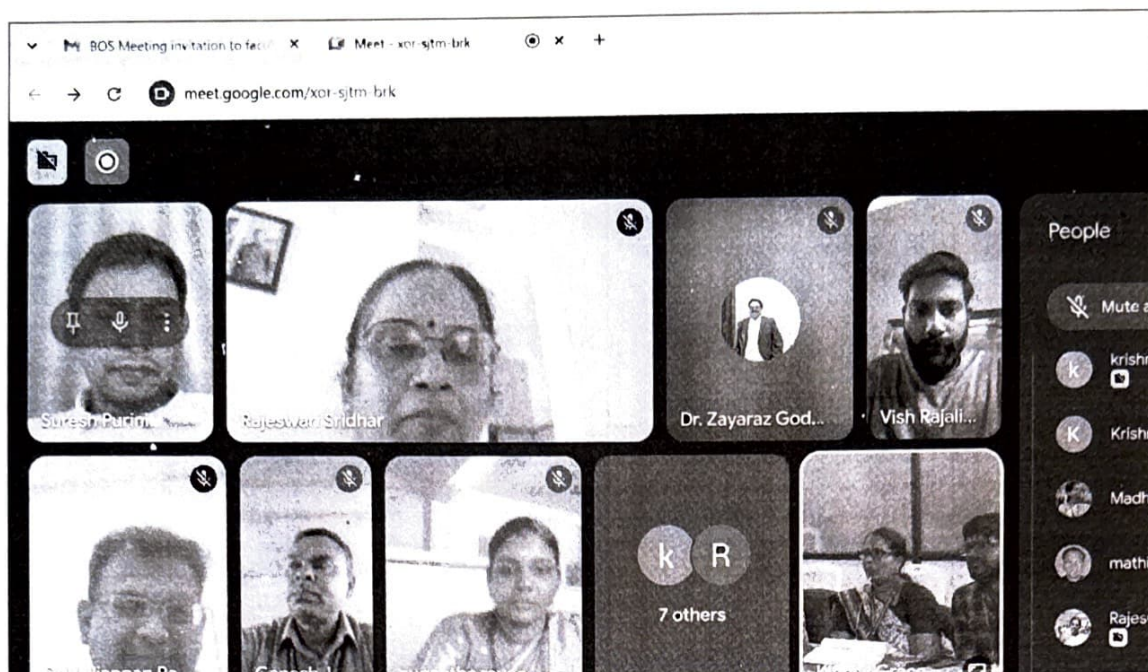
ITEM No.11

- It is resolved that the following courses passed in the 22nd BOS meeting are renamed based on the suggestions from the Standing Committee Meeting and Academic Council.
- 25CS2201– Database Management Systems as Database Systems
 - 25CS2271– Database Management Systems Laboratory as Database Systems Laboratory
 - 25CS2241– Machine Learning as Principles of Machine Learning (Open Elective Course)

Snapshots of the 22nd BoS Meeting







Suggestion by Expert Members:

01. Dr. Rajeswari Sridhar, University Nominee, Professor, Department of CSE, National Institute of Technology, Tiruchirappalli.

- Dr. Rajeswari Sridhar insisted that the data presented with regard to mandatory courses and internship could be interpreted in terms of percentage of students rather than giving numbers.
- The course titled 'Automata and Compiler Design' could be renamed as 'Compiler Design'. But the chairperson expressed that some of the automata concepts will be additionally included in the syllabus and the course name could be retained.
- In the course titled 'Data Science', Sampling, Variant Analysis concept can be added.

02. Dr. Valliappan Raman, University Nominee, Professor, Department of Artificial Intelligence and Data Science, Coimbatore Institute of Technology, Coimbatore.

- Dr. Valliappan Raman approved the Curriculum structure and Syllabus of third year R2025.

**03. Dr.Suresh Purini, Expert from Outside the Parent University, Assoc. Prof/ CSE
International Institute of Information Technology (IIIT) Hyderabad**

- Dr. Suresh Purini approved the Curriculum structure and Syllabus of third year R2025.

**04. Dr. G.Zayaraz, Subject expert from other University, Prof & Head Puducherry
Technological University, Puducherry**

- Dr. G.Zayaraz approved the Curriculum structure and Syllabus of third year R2025.

**05. Mr.Viswanathan Rajalingam, Expert from Industry, Multicoreware, Vice President &
General Manager Mobility & Transportation Business Unit, Chennai – 600089.**

- Mr. Viswanathan Rajalingam, approved the Curriculum structure and Syllabus of Regulations R2025.
- The course titled ‘Development Operations’, which is theory course can be converted as theory cum lab course.
- In the course titled ‘3D Modeling and Animation’, OpenGL concepts can be added and can be given as a lab component.
- The course titled ‘Prompt Engineering’, which is a theory course can be converted as theory cum lab course.

06. Mr.M.Divakar Raj, Alumni Representative, Technical Architect, Odessa, Bengaluru

- Mr. Divakar Raj, approved the Curriculum structure and Syllabus of third year R2025.
- In the course titled “Software Engineering”, IEEE Software Requirement Specification can be added.

Name of the Member	Designation	Signature
Dr.M.S.Geetha Devasena	Chairperson	<i>M.S. Geetha Devasena</i> 14/3/26
Dr. Rajeswari Sridhar	University Nominee	Attended online
Dr. Valliappan Raman	University Nominee	Attended online
Dr. Suresh Purini,	Subject Expert from Outside the Parent University	Attended Online
Dr.G.Zayaraz	Subject expert from other University	Attended online
Mr.Viswanathan Rajalingam	Representative from Industry	Attended online
Mr.M.Divakar Raj	Alumni Representative	Attended online
Dr.P.Perumal	Internal Member	Signature 14/3/2024
Dr.R. Kingsy Grace	Internal Member	<i>R. Kingsy Grace</i> 14/3/26
Dr.B.Mathivanan	Internal Member	<i>B. Mathivanan</i> 14/3/26
Dr.R.Madhumathi	Internal Member	Attended online
Dr.V.Saveetha	Internal Member	<i>V. Saveetha</i> 14/3/26
Mr.S.Sureshkumar	Internal Member	<i>S. Sureshkumar</i> 14/02/26
Mrs.S.Ezhilin Freeda	Internal Member	<i>S. Ezhilin Freeda</i> 14/2/26
Mrs.G.Rathi	Internal Member	<i>G. Rathi</i> 14/3/26
Mrs.C.Padmavathy	Internal Member	<i>C. Padmavathy</i> 14/3/26
Mr.V.Krishna Kumar	Internal Member	<i>V. Krishna Kumar</i> 14/3/26
Mrs.P.Sugantha Priyadharshini	Internal Member	<i>P. Sugantha Priyadharshini</i> 14/3/26
Mr.G.Narendran	Internal Member	<i>G. Narendran</i> 14/3/26
Mr.Y.J.Ganesh	Internal Member	<i>Y. J. Ganesh</i> 14/3/26

M.S. Geetha Devasena
14/3/26
CHAIRPERSON
BOARD OF STUDIES

Department of Computer Science and Engineering



SREC

Kingsy Grace <kingsygrace.r@srec.ac.in>

Minutes of Board Meeting - 14-03-2026 - SREC - BE(CSE) & ME (AIDS) - REG

Dr. Rajeswari Sridhar <srageswari@nitt.edu>

Wed, Apr 8, 2026 at 4:08 PM

To: Kingsy Grace <kingsygrace.r@srec.ac.in>

Cc: HoD Cse <hod-cse@srec.ac.in>, Sureshkumar Sadasivan <sureshkumar.s@srec.ac.in>

Minutes approved.

Regards,
Rajeswari

Quoting Kingsy Grace <kingsygrace.r@srec.ac.in>:

[Quoted text hidden]

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[Quoted text hidden]

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Dr. Rajeswari Sridhar,
Professor,
Department of Computer Science and Engineering,
National Institute of Technology,
Tiruchirappalli - 620015
Phone: 9445001236



SREC

Kingsy Grace <kingsygrace.r@srec.ac.in>

Minutes of Board Meeting - 14-03-2026 - SREC - BE(CSE) & ME (AIDS) - REG

Dr Valliappan Raman <valliappan@cit.edu.in>
To: Kingsy Grace <kingsygrace.r@srec.ac.in>

Wed, Apr 8, 2026 at 4:25 PM

Dear Madam,

I approve the minutes - 23rd BoS Meeting of B.E Computer Science & Engineering and M.E Artificial Intelligence and Data Science held in Online Mode on 14.03.2026.

Thank you

Regards
Dr.Valliappan

[Quoted text hidden]

[Quoted text hidden]

[Quoted text hidden]



Minutes of Board Meeting - 14-03-2026 - SREC - BE(CSE) & ME (AIDS) - REG

Dr. Zayaraz Godandapani <gzayaraz@ptuniv.edu.in>
To: Kingsy Grace <kingsygrace.r@srec.ac.in>

Wed, Apr 8, 2026 at 2:23 PM

Acknowledged

[Quoted text hidden]

[Quoted text hidden]

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Kingsy Grace <kingsygrace.r@srec.ac.in>

Minutes of Board Meeting - 14-03-2026 - SREC - BE(CSE) & ME (AIDS) - REG

Divakar Raj <divakaraj@gmail.com>

Wed, Apr 8, 2026 at 2:23 PM

To: Kingsy Grace <kingsygrace.r@srec.ac.in>

Cc: HoD Cse <hod-cse@srec.ac.in>, Sureshkumar Sadasivan <sureshkumar.s@srec.ac.in>

Hi Mam,

The details and information look good.

Thanks and Regards,

Divakar Raj.M

[Quoted text hidden]

[Quoted text hidden]

[Quoted text hidden]



SRI RAMAKRISHNA ENGINEERING COLLEGE

[Educational Service : SNR Sons Charitable Trust]
[Autonomous Institution, Reaccredited by NAAC with 'A+' Grade]
[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]
[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]
VATTAMALAIPALAYAM, N.G.G.O. COLONY POST, COIMBATORE – 641 022.



Date: 08.11.2024

Minutes of the 20th CSE Board Of Studies meeting for the UG B.E(CSE) Programme held on 08.11.2024 (Friday) of Sri Ramakrishna Engineering College, Coimbatore, at 02.00 PM in Online Mode

The following members attended the above meeting.

1. Dr.A.Grace Selvarani, Chairperson
2. Dr. Rajeswari Sridhar, University Nominee
3. Dr. Valliappan Raman, University Nominee
4. Dr.Suresh Purini, , Expert from Outside the Parent University
5. Dr.G.Zayaraz , Subject expert from other University
6. Mr.Viswanathan Rajalingam, Expert from Industry
7. Mr.M.Divakar Raj, Alumni Representative
8. Dr.R.Anuradha, Internal Member
9. Dr.M.S.Geetha Devasena, Internal Member
10. Dr.P.Perumal, Internal Member
11. Dr.J. Selvakumar, Internal Member
12. Dr.S.Harihara Gopalan, Internal Member
13. Dr.R. Kingsy Grace, Internal Member
14. Dr.R.Madhumathi, Internal Member
15. Dr.B.Mathivanan, Internal Member
16. Dr.P.Mathiyalagan, Internal Member
17. Mrs.S.Elhiin Freeda, Internal Member
18. Mrs.S.Prince Sahaya Brighty, Internal Member
19. Mrs.R.S.Ramya, Internal Member
20. Mrs.G.Rathi, Internal Member
21. Mrs.P.Sugantha Priyadharshini, Internal Member
22. Dr.R.Vijayakumar, Internal Member
23. Mr.G.Narendran, Internal Member
24. Mr.Y.J.Ganesh, Internal Member

- Prof.Dr.A.Grace Selvarani, Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 20th BoS meeting. Chairperson disseminated the Vision, Mission, PO,PSO & PEO of the Department. After a brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

ITEM No.1

- It is resolved that Revised Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech. programmes for students admitted in the Academic year 2021 & onwards.

ITEM No.2

- It is resolved that the syllabi for the following new Professional Elective courses under (Revised) Regulations 2020 be approved and passed.
 - **20CS2E84 VERSION CONTROL SYSTEMS & CI / CD**

ITEM No.3

- It is resolved that the following new one credit courses will be included under (Revised) Regulations 2020 for B.E. CSE & M.Tech – CSE 5 Year Integrated Programme.
 - **20CSI034 – DOCKERS (By IQZ systems, Coimbatore)**
 - **20CSI035 - GenAI (By Tata Consultancy Services, Bangalore)**
 - **20CSI036 - AWS (By Presidio solutions private limited)**

ITEM No.4

- It is resolved that the following NPTEL courses are approved for credit transfer during Nov/Dec 2024.

S.NO	Course Id	Course Name	SME Name	Institute	Duration
1	noc24-cs85	Practical Cyber Security for Cyber Security Practitioners	Prof. Sandeep K. Shukla	IIT Kanpur	12 Weeks
2	noc24-cs70	Introduction to Graph Algorithms	Prof. C Pandu Rangan	IISc Bangalore	8 Weeks
3	noc24-cs100	Randomized Methods in Complexity	Prof. Nitin Saxena	IIT Kanpur	12 Weeks
4	noc24-cs102	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks

S.NO	Course Id	Course Name	SME Name	Institute	Duration
5	noc24-cs89	Deep Learning for Computer Vision	Prof. Vineeth N Balasubramanian	IIT Hyderabad	12 Weeks
6	noc24-cs91	Software Testing	Prof. Meenakshi D'souza	IIIT Bangalore	12 Weeks
7	noc24-cs67	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	Prof. Prabha Mandayam Prof. Anupama Ray Prof. Sheshashayee Raghunathan	IBM and IIT Madras	4 Weeks
8	noc24-cs114	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar Prof. Sukrit Gupta	IIT Ropar	12 Weeks
9	noc24-cs121	Cyber Security and Privacy	Prof. Saji K Mathew	IIT Madras	12 Weeks
10	noc24-cs93	Multi-Core Computer Architecture	Prof. John Jose	IIT Guwahati	12 Weeks
11	noc24-cs131	Google Cloud Computing Foundations	Prof. Soumya Kanti Ghosh	IIT Kharagpur	8 Weeks
12	noc24-cs94	Ethical Hacking	Prof. Indranil Sengupta	IIT Kharagpur	12 Weeks
13	noc24-cs124	Computer Vision	Prof. Jayanta Mukhopadhyay	IIT Kharagpur	12 Weeks
14	noc24-cs109	Algorithmic Game Theory	Prof. Palash Dey	IIT Kharagpur	12 Weeks
15	noc24-cs97	Approximation Algorithm	Prof. Palash Dey	IIT Kharagpur	12 weeks
16	noc24-cs132	Responsible & Safe AI Systems	Prof. Ponnurangam Kumaraguru Prof. Balaraman Ravindran Prof. Arun Rajkumar	IIIT Hyderabad and IIT Madras	12 Weeks

ITEM No.5

- It is resolved that the Result Analysis for the Academic Year 2023 – 2024 (Semesters VIII / VI/ IV/II) are approved and passed.

EVEN SEMESTER				
SEMESTER	NO.OF STUDENTS REGISTERED IN ALL THE SUBJECTS	NO.OF STUDENTS APPEARED IN ALL THE SUBJECTS	NO.OF STUDENTS PASSED IN ALL SUBJECTS	OVERALL PERCENTAGE %
II	210	206	142	68.93 %
IV	204	201	148	73.6 %
VI	200	193	181	93.78 %
VIII	192	192	192	100 %

ITEM No.6

- It is resolved that the following candidates who have registered for additional credits during Nov/Dec 2024 examination under the Specialization/Minor courses category Verticals shall be approved according to the communication from Anna University, Chennai via Letter No. 5749/AU/CAC/Honours/2022 dated 16.11.2022.

Specialization / Minor Course Details	Course Code and Title	Register No. of the Candidate	Candidate Name	CGPA
AI/ML Specialization - Major (22 Batch)	20CS2E05 - DEEP LEARNING	71812201040	DHARSHANA M	8.34
		71812201013	AJEEM KHAN K	7.97
		71812201010	AGALYA M	7.99
		71812201023	ASHWINI S	8.72
		71812201026	ATCHAYA A	8.01
		71812201042	DHIVYASHREE MP	8.86
		71812201043	DIVYASRI B	8.39
		71812201047	ENITHA S	-
		71812201049	GESNU DHARRSHAN A	8.01
		71812201055	HARINISRI K P	8.23
		71812201113	KISHORE E	8.8
		71812201118	LAKSHMI AK	8.26
		71812201130	MERLIN DEEPIKA D	8.05
		71812201155	POORNASHREE M	8.47
		71812201204	REVATHI R	8.65
		71812201231	SUDHARSH M	8.05
		71812201233	SURIYA PRAKASH M	-
		71812201243	THARUN S	7.89
	20CS2E09 - EXPLAINABLE ARTIFICIAL INTELLIGENCE	71812201246	VELMANIKANDAN K	8.93
		71812205026	DIVYA S	8.89
		71812205118	RAKSHA V C	8.15
		71812205152	TYRZA JENIFER B	-
		71812205151	SWATHI M K	-

Specialization/ Minor Course Details	Course Code and Title	Roll No	Students Name	CGPA
AI/ML Specialization – Major (21 Batch)	20CS2E82 -AI FOR EDGE DEVICES	71812101007	AKSHAYA S	8.3
		71812101008	AMIRTHAVARSHINI B	8.44
		71812101011	ANUKEERTHANA B S	8.35
		71812101014	ARCHANA B	8.98
		71812101017	ASHOK KUMAR K	8.73
		71812101027	BHANUSREE B R	8.91
		71812101043	DHARSHINI SURESH LAVANYA	8.59
		71812101062	GODLIN DONYA S.P	8.9
		71812101110	HARSHAVARTHANAN G	8.54
	20CS2E01- REINFORCEMENT LEARNING	71812101124	KARTHIKEYAN A K	7.91
		71812101137	MADUMITHA A	8.5
		71812101160	PAVITHRA S	8.31
		71812101206	PREM.M	0
		71812101239	SUDHARSAN K	7.9
		71812101255	VIJAYANANDH R	8.84
		71812101146	MONICA	8.16
		71812105014	ASMITHA ARTHI N	9.06
		71812105021	CHADUNDURAA N	8.82

		71812105125	SANGEETHA H	8.72
		71812105124	SAMRITHA	8.43
		71812105119	RANJITH	8.58
		71812105151	VIBHUSHITHA L	8.33
		71812105146	THANUJASHREE C	8.24
		71812105028	DHARSHANA S	8.59
		71812105137	SOWMIYA C	7.96
		71812105108	NIKITHA B	0
		71812105162	YASMIN NIGAR M	7.65
		71812105038	HARSHINI S	8.19

Specialization/ Minor Course	Course Code and Title	Register No. of the Candidate	Name	CGPA
AI/ML Minor (22 Batch)	20CS2E72 - MACHINE LEARNING TECHNIQUES	71812208002	AVYUKTA SHREE M	-
		71812208005	DHARANI M	7.89
		71812208008	JENEESH J M	8.46
		71812208009	JUGAL KISHORE A V	7.33
	20CS2E04 - AI TOOLS AND FRAMEWORK	71812208023	SHANMUGA PRIYAN B	7.7
		71812208025	VIGNESH K S	8.65
		71812208027	VIJAY ANAND S	-
		71812208015	NITHISH KUMAR T	7.56
		71812204121	SIVA MUTHIAH C	8.31

Specialization/Minor Course Details	Course Code and Title	Roll No	Name	CGPA
AI/ML Minor (21 Batch)	20CS2E82 - AI FOR EDGE DEVICES	71812104018	DINESH ARVIND M	8.22
		71812104031	KAVINKUMAR S	8.34
		71812104033	KISHORE S	9.09
		71812104105	NAGUL SS	8.32
	20CS2E01- REINFORCEMENT LEARNING	71812106007	GOWRISHANGAR B	7.35
		71812110009	BHARATHI M	8.64
		71812110020	LAKSHMI PRIYASNI.B.R	8.31
		71812110031	RAGHAV.S.K	9.35

Specialization / Minor Course Details	Course Code and Title	Register No. of the Candidate	Name	CGPA
AR / VR Specialization (21 & 22 Batch)	20CS2E73 - VIRTUAL REALITY/ AUGMENTED REALITY/ MIXED REALITY/ EXTENDED REALITY	71812205136	SHRUTHI P	8.04
	20CS2E75 - UI/UX DESIGN FOR AUGMENTED & VIRTUAL REALITY	71812211005	AKASH S	8.66
	20CS2E77 - 3D VIRTUAL ENVIRONMENT	71812105041	INBARASAN S	8.27
		71812105042	JEYAPRIYADARSHINI S	7.99
		71812105051	KOKILA R	7.83
		71812111014	DHARUN V	7.72
		71812101016	ASHLEY KERUBIN	8.23
		71812101236	SRIMAHA T S	8.04
	20CS2E74 - GAME PROGRAMMING	71812105042	JEYAPRIYADARSHINI S	7.99
		71812105051	KOKILA R	7.83
		71812111014	DHARUN V	7.72
		71812101236	SRIMAHA T S	8.04

ITEM No.7

The Chairperson presented the proposed Vision & Mission statements of the Institution to get the suggestions of the Expert Members.

Proposed Vision:

- To become a world-class university excelling in multidisciplinary engineering education through cutting-edge technologies and impactful societal contributions for sustainable development

Proposed Mission:

- Provide quality education that builds strong technical, analytical and managerial skills for future professionals. ***(Deliver Quality Engineering Education) (M1)***
- Nurture creativity, innovation and research ecosystem for local and global needs ***(Encourage Research and Innovation) (M2)***
- Foster ethics, leadership, entrepreneurial and life skills for holistic development ***(Foster Holistic Growth) (M3)***
- Develop technological solutions that enhance sustainability and societal well-being through collaborations. ***(Contribute to Sustainable Development) (M4)***

Key Indicators	M1	M2	M3	M4
Multidisciplinary Engineering	3	2	3	2
Cutting-edge technologies	3	3	2	3
Impactful societal contributions	3	2	2	3
Sustainable development	2	2	3	3

Suggestion by Expert Members:

01. **Dr. Rajeswari Sridhar**, University Nominee, Professor, Department of CSE, National Institute of Technology, Tiruchirappalli.

- For the Professional Elective Course titled “20CS2E84 Version Control Systems & CI / CD”, the reference & Text Books are fine.
- The One credit Course titled “20CSI035 – GenAI” could be renamed as “20CSI035 - LLM” because GenAI is too vast to fit in 18Hours.
- The first Mission statement “Provide quality education that builds strong technical, analytical and managerial skills for future professionals” could be

modified as “Provide quality education that builds strong technical, analytical and **Entrepreneurship** skills for future professionals”.

02. **Dr. Valliappan Raman**, University Nominee , Professor, Department of Artificial Intelligence and Data Science, Coimbatore Institute of Technology, Coimbatore.

- The One credit Course titled “20CSI036 – AWS”, could be renamed as “20CSI036 – Web Service Providers” or else “20CSI036 – Cloud Essentials”, and also include the topics “AWS & AZURE” in the syllabus. So that proprietary is avoided.

03. **Dr.Suresh Purini**, , Expert from Outside the Parent University, Assoc.Prof/ CSE International Institute of Information Technology (IIIT) Hyderabad

- The One credit Course titled “20CSI034 – Dockers” could be renamed as “20CSI034 – Docker Essentials”.
- The second Mission statement could be re modified as “Nurture creativity, innovation, **Consultancy** and research ecosystem for local and global needs”.

04. **Dr.G.Zayaraz** , Subject expert from other University, Prof & Head Puducherry Technological University, Puducherry.

- Overall the One credit courses, professional Elective and Professional core courses are fine and could be implemented as per the experts suggestion.

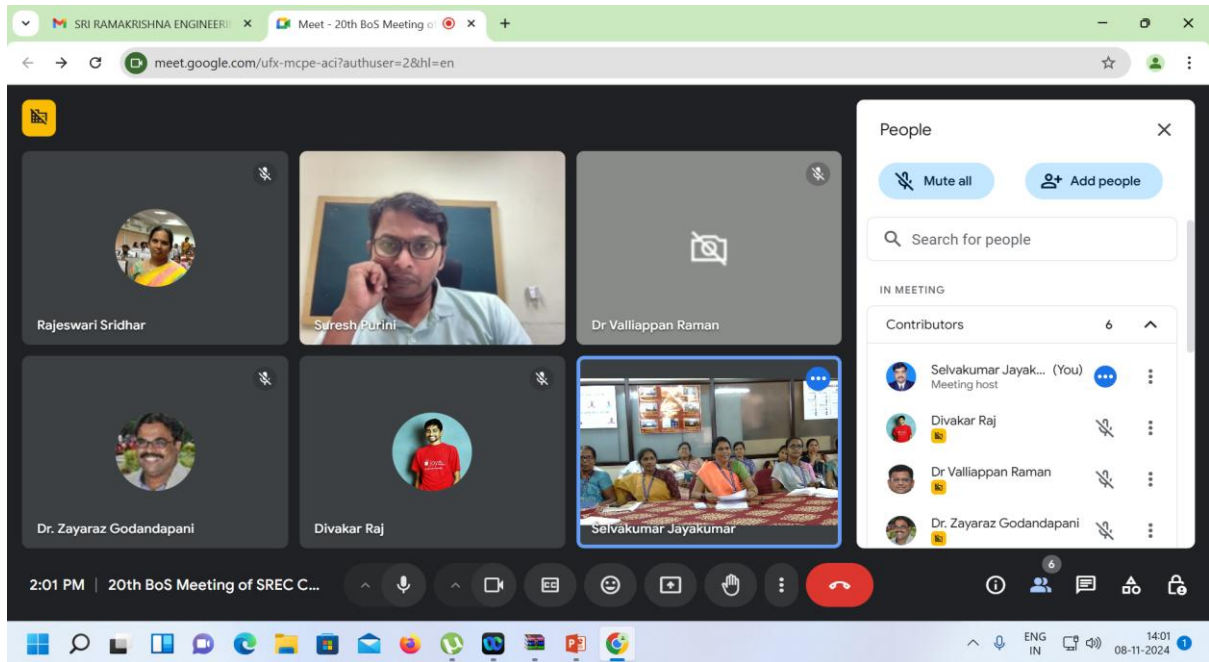
05. **Mr.Viswanathan Rajalingam**, Expert from Industry, Multicoreware, Vice President & General Manager Mobility & Transportation Buisness Unit, Chennai – 600089

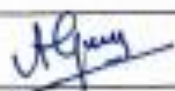
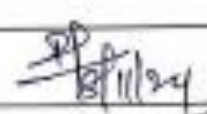
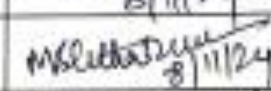
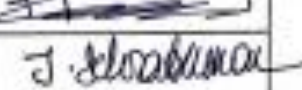
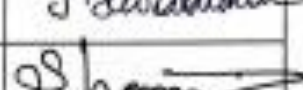
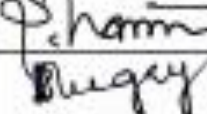
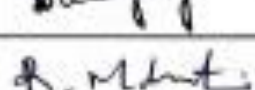
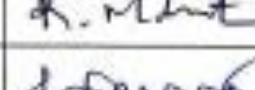
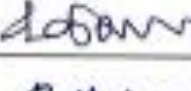
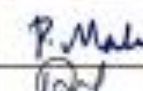
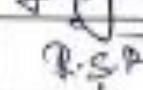
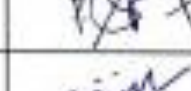
- The version control system is presently being followed in Industry and very good to include in syllabus with Lab experiments under the Professional Elective Course titled “20CS2E84 Version Control Systems & CI / CD”.
- The second Mission statement “Nurture creativity, innovation and research ecosystem for local and global needs”, could be re modified as “Nurture creativity, innovation, **Consultancy** and research ecosystem for local and global needs”.
- “Security & responsibility” is important in present scenario and it could also be reflected in Vision & Mission.

06. **Mr.M.Divakar Raj**, Alumni Representative, Technical Architect, Odessa, Bengaluru

- For the Professional Elective Course titled “20CS2E84 Version Control Systems & CI / CD”, appreciated for including such Industry ongoing topics in the Syllabus, so that such topics will increase the industry readiness of the Student.

Snapshots of the 20th BoS Meeting:



S.No	Name of the Member	Designation	Signature
1.	Dr.A.Grace Selvarani	Chairperson	
2.	Dr. Rajeswari Sridhar	University Nominee	
3.	Dr. Valliappan Raman	University Nominee	
4.	Dr.Suresh Purini	Subject Expert from Outside the Parent University	
5.	Dr.G.Zayaraz	Subject expert from other University	
6.	Mr.Viswanathan Rajalingam	Expert from Industry	
7.	Mr.M.Divakar Raj	Alumni Representative	
8.	Dr.R.Anuradha	Internal Member	
9.	Dr.M.S.Geetha Devasena	Internal Member	
10.	Dr.P.Perumal	Internal Member	
11.	Dr. J. Selvakumar	Internal Member	
12.	Dr. S. Hari Hara Gopalan	Internal Member	
13.	Dr.R. Kingsy Grace	Internal Member	
14.	Dr.R.Madhumathi	Internal Member	
15.	Dr.B.Mathivanan	Internal Member	
16.	Dr.P.Mathiyalagan	Internal Member	
17.	Mrs.S.Elhiin Freeda	Internal Member	
18.	Mrs.S.Prince Sahaya Brighty	Internal Member	
19.	Mrs.R.S.Ramya	Internal Member	
20.	Mrs.G.Rathi	Internal Member	
21.	Mrs.P.Sugantha Priyadharshini	Internal Member	
22.	Dr.R.Vijayakumar	Internal Member	
23.	Mr.G.Narendran	Internal Member	
24.	Mr. Y.J.Ganesh	Internal Member	



SRI RAMAKRISHNA ENGINEERING COLLEGE

[Educational Service : SNR Sons Charitable Trust]

[Autonomous Institution, Reaccredited by NAAC with 'A+' Grade]

[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]

[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]

VATTAMALAIPALAYAM, N.G.G.O. COLONY POST, COIMBATORE – 641 022.



27.03.2025

Minutes of the 21st CSE Board of Studies meeting for the UG B.E(CSE) Programme held on 27.03.2025 (Thursday) at Sri Ramakrishna Engineering College, Coimbatore, at 9.30AM in CSE Board Room.

The following members attended the above meeting.

1. Dr.M.S.Geetha Devasena, Chairperson
2. Dr. Rajeswari Sridhar, University Nominee
3. Dr. Valliappan Raman, University Nominee
4. Dr.Suresh Purini, , Expert from Outside the Parent University
5. Dr.G.Zayaraz , Subject expert from other University
6. Mr.Viswanathan Rajalingam, Expert from Industry
7. Mr.M.Divakar Raj, Alumni Representative
8. Dr.A.Grace Selvarani, COE & Internal Member
9. Dr.R.Anuradha, Internal Member
10. Dr.P.Perumal, Internal Member
11. Dr.J. Selvakumar, Internal Member
12. Dr.S.Harihara Gopalan, Internal Member
13. Dr.R. Kingsy Grace, Internal Member
14. Dr.R.Madhumathi, Internal Member
15. Dr.B.Mathivanan, Internal Member
16. Dr.P.Mathiyalagan, Internal Member
17. Mrs.S.Ezhilin Freeda, Internal Member
18. Mrs.S.Prince Sahaya Brighty, Internal Member
19. Mrs.R.S.Ramya, Internal Member
20. Mrs.G.Rathi, Internal Member
21. Mrs.P.Sugantha Priyadharshini, Internal Member
22. Dr.R.Vijayakumar, Internal Member
23. Mr.S.Sureshkumar, Internal Member
24. Mr.G.Narendran, Internal Member
25. Mr.Y.J.Ganesh, Internal Member

- Prof.Dr.M.S.Geetha Devasena Professor & Head, CSE Department and Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 21st BoS meeting. Chairperson disseminated the Vision & Mission of the Institution and also the Vision & Mission of the Department and PEOs, POs & PSOs of the Programme B.E Computer Science and Engineering. After a brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

ITEM No.1

- It is resolved that the Revised Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for B.E (CSE) programme for students admitted in the Academic year 2022, 2023 & 2024.

ITEM No.2

- It is resolved that the syllabi for the following new Professional Elective courses under Revised Regulations 2020 be approved and passed.
- 20CS2E85 - Agentic AI
 - 20CS2E86 - C# and .Net Programming
 - 20CS2E87 - Application Development using MERN Stack
 - 20CS2E88 - Immersive Technologies

ITEM No.3

- It is resolved that the following new One Credit Courses will be included under Revised Regulations 2020 for B.E. CSE programme.
- 20CSI037 - Component-Based UI development using React & Node
 - 20CSI038 - Building Modern Frontend Applications with Angular
 - 20CSI039 - MERN Stack Development
 - 20CSI040 - Java Application Development using Spring Boot

ITEM No.4

- It is resolved that the following NPTEL courses are approved for credit transfer during April/May 2025.

S.No	Course Id	Course Name	SME Name	Institute	Duration	Mentor
1.	noc25-cs04	Affective Computing	Prof. Jainendra Shukla Prof. Abhinav Dhall	IIT Delhi	12 Weeks	Dr.R.Anuradha
2.	noc25-cs08	Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IIT Kharagpur	12 Weeks	Dr.S.Harihara Gopalan
3.	noc25-cs09	Business Intelligence &	Prof. Saji K Mathew	IIT Madras	12 Weeks	Mrs.S.Ezhilin Freeda

		Analytics				
4.	noc25-cs14	Computational Number Theory and Algebra	Prof. Nitin Saxena	IIT Kanpur	12 Weeks	Mr.S.Suresh Kumar
5.	noc25-cs21	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	Mrs.A.Mahalakshmi
6.	noc25-cs35	Games and Information	Prof. Ankur A. Kulkarni	IIT Bombay	12 Weeks	Mr.N.Manoj
7.	noc25-cs36	Getting Started with Competitive Programming	Prof. Neeldhara Misra	IIT Gandhinagar	12 Weeks	Mrs.M.Amuthasurabi
8.	noc25-cs37	GPU Architectures and Programming	Prof. Soumyajit Dey	IIT Kharagpur	12 Weeks	Ms.S.Varsha
9.	noc25-cs38	Human Computer Interaction (In English)	Prof. Rajiv Ratn Shah	IIIT Delhi	12 Weeks	Dr.R.Kingsy Grace
10	noc25-cs52	Object Oriented System Development Using UML, Java And Patterns	Prof. Rajib Mall	IIT Kharagpur	12 Weeks	Ms.N.Nandhine shree
11	noc25-cs54	Parallel Computer Architecture	Prof. Hemangee K. Kapoor	IIT Guwahati	12 Weeks	Mr.YM.Ismankhan
12	noc25-cs61	Quantum Algorithms and Cryptography	Prof. Shweta Agrawal	IIT Madras	12 Weeks	Dr.R.Madhumathi
13	noc25-cs62	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	Mrs.A.Shanmuga priya
14	noc25-cs63	Secure Computation: Part I	Prof. Ashish Choudhury	IIIT Bangalore	12 Weeks	Mr.M.Velmurugan
15	noc25-cs65	Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	Mrs.R.S.Ramya
16	noc25-ee16	Deep Learning	Prof. Prabir Kumar Biswas	IIT Kharagpur	12 Weeks	Mr.R.S.Vishnu Durai
17	noc25-cs79	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIIT Hyderabad	12 weeks	Dr.R.Vijayakumar

ITEM No.5

- It is resolved that the Result Analysis for the Academic Year 2024 – 2025 Semesters VII / V/ III) are approved and passed.

Odd Semester				
Semester	No. of Students Registered in all the Subjects	No. of Students Appeared in all the Subjects	No. of Students Passed in all Subjects	Overall Percentage %
III	223	223	146	65.5 %
V	203	198	174	87.88 %
VII	198	195	189	96.92%

ITEM No.6

- It is resolved that the following Courses and its syllabi be approved for the Honors Specialization / minor in B.E. CSE degree programme

S.No	Course Code	Course Title	Credits
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING			
1	20CS2E79	Foundation Model For Generative AI [offered by SREC]	3
2	20CS2E81	Deep Learning And GenAI For Cloud [offered by industry- IQZ Systems]	3

S.No	Course Code	Course Title	Credits
AUGUMENTED REALITY/VIRTUAL REALITY			
1	20CS2E76	Mobile App Development for VR [offered by industry- Allreal]	3
2	20CS2E78	AR Apps in Unity [offered by industry- Allreal]	3

S.No	Course Code	Course Title	Credits
AI / ML MINOR COURSES offered by SREC to Inter Departmental Students			
1	20CS2E05	Deep Learning [offered by SREC]	3
2	20CS2E06	Robotic Process Automation by Industry [offered by industry- LTIMindTree]	3

ITEM No.7

- It is resolved that the following specialization/minor Courses are offered during the Even Semester of Academic Year 2024 – 2025 and the following eligible students be approved for the Honors Specialization / Minor in B.E. CSE degree programme

Specialization / Minor Course Details	Course Code and Title	Register No. of the Candidate	Candidate Name
AI/ML Specialization - Major	20CS2E05- DEEP LEARNING	71812201040	DHARSHANA M
		71812201010	AGALYA M
		71812201023	ASHWINI S
		71812201026	ATCHAYA A
		71812201042	DHIVYASHREE MP
		71812201043	DIVYASRI B
		71812201047	ENITHA S
		71812201049	GESNU DHARRSHAN A
	20CS2E09 - EXPLAINABLE ARTIFICIAL IN TELLIGENCE	71812201055	HARINISRI K P
		71812201113	KISHORE E
		71812201118	LAKSHMI AK
		71812201130	MERLIN DEEPIKA D
		71812201155	POORNASHREE M
		71812201204	REVATHI R
		71812201233	SURIYA PRAKASH M
		71812201243	THARUN S
		71812201246	VELMANIKANDAN K
		71812205026	DIVYA S
		71812205118	RAKSHA V C
		71812205152	TYRZA JENIFER B
		71812205151	SWATHI M K

Specialization / Minor Course Details	Course Code and Title	Register No. of the Candidate	Candidate Name
Cyber Security Specialization	20IT2E42 - Security Architecture Engineering	71812201212	SAKTHIVEL K
		71812201257	VISHWESHWARAR.S

	Operations 20IT2E61 - Computatiional roots of Cyber security		
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ITEM No.8

- It is resolved that the following Mandatory courses be approved for the student in B.E. CSE degree programme

Batch: 2021 - 2025 (IV Year)

S.No	Mandatory Course	No. of Students Completed
1	Personality and Character development	200
2	Allied Skills	200
3	EEC	200

Batch: 2022 - 2026 (III Year)

S.No	Mandatory Course	No. of Students Completed
1.	Personality and Character development	203
2.	Allied Skills	203
3.	EEC	Ongoing will be conducted during VI semester

Batch: 2023 - 2027 (II Year)

S.No	Mandatory Course	No. of Students Completed
1.	Personality and Character development	223
2	Technical Certification(Allied Skills)	Students undergoing the Course

ITEM No.9

- It is resolved that the following students had completed 4/6 weeks of Internship/Inplant training, be approved for the student in B.E. CSE degree programme

Batch: 2021 - 2025 (IV Year)

S.No	Industry	No. of Students Completed
1.	L&T Technology Services	4
2.	Indian Institute of Technology, Kharagpur	1
3.	GE Healthcare, Bangalore	1
4.	Teplar Solutions	2
5.	Digital Valley India, Coimbatore	2
6.	Ether Infotech, Coimbatore	22
7.	Focus Edumatics, Coimbatore	5
8.	Infomatics Technologies, Coimbatore	2
9.	Numentica, Coimbatore	2
10.	Karyo e-systems	5
11.	Wireline Solutions, Coimbatore	3
12.	Screctract Solutions, Bangalore	3
13.	SIEMENS, Bangalore	1
14.	Zeuron.ai, Bangalore	1
15.	Turing.ai, Bangalore	1
16.	Nxtlogic Software Solutions, Coimbatore	11
17.	Nexus Global Solutions, Coimbatore	11
18.	Getryt Technologies, Chennai	4
19.	Tectzo Solutions Private Limited, Coimbatore	5
20.	Cambridge Medical & Rehabilitation Centre, UAE	1
21.	ADS Polyinjection Solution, Coimbatore	7
22.	Pamz3D Deisgns Private Limited, Coimbatore	2
23.	Robomiracle Technologies, Coimbatore	7
24.	Blue Marble Smartware, Chennai	4
25.	Enthu Tech, Coimbatore	1
26.	NIT, Tiruchirappalli	3
27.	Appin Technology, Coimbatore	15
28.	Tia IT Wing Private Limited, Coimbatore	1
29.	Focus Edumatics, Coimbatore	3
30.	RBG.AI, Coimbatore	6
31.	Emglitz Technologies, Coimbatore	3
32.	Draftdu Technologies, Coimbatore	1
33.	Wimera Systems Pvt.Ltd, Bengaluru	3
34.	VCOLLAB, Bangalore	1
35.	KNILA, Coimbatore	7
36.	Aana Solutions, Chennai	2
37.	Atomino Consulting, Coimbatore	1
38.	Proplus Logics Solutions Pvt Ltd	1
39.	Vasanth Advanced Systems, Coimbatore	1
40.	ADHOC SOFTWARES, Coimbatore	8
41.	HCL INFOSYSTEMS LTD, Coimbatore	1
42.	Sparkout Tech Solutions, Coimbatore	2

43.	GETRYT, Chennai	5
44.	Salzer Electronics Limited, Coimbatore	9
45.	IO Solutions, Coimbatore	1
46.	Bull Machines Pvt Ltd, Coimbatore	1
47.	Customer Centria, Coimbatore	2
48.	Sedin, Chennai	2
49.	Decologi Tech Private Limited, Chennai	1
50.	Edman Data Management Systems Pvt Ltd, Chennai	1
51.	Hackup Technology, Coimbatore	1
52.	Refinement Software Solutions Pvt Ltd, Chennai	1
53.	SR University, Warangal	2
54.	HIROTEC INDIA Pvt Ltd, Coimbatore.	1

Batch: 2022 - 2026 (III Year)

S.No	Industry	No. of Students Completed
1.	RBG.AI, SPARK, SREC	3
2.	Heal Text Media Private Ltd., Cbe	2
3.	Gateway Software Solutions	3
4.	Tectzo Solutions Private Ltd	3
5.	SpotKnack Ibevy Forte Private Ltd, Cbe	6
6.	Rnd soft tech Pvt. Ltd., Coimbatore	3
7.	Emergere Computing Solutions Private Limited, Cbe	2
8.	Prompt Infotech, Cbe	2
9.	Easy Design private limited company	2
10.	Impiger Technologies Pvt. Ltd Chennai	3
11.	Ethiraj Technologies, Annur	4
12.	PM Square Soft Service	2
13.	Adhoc Software, Cbe	12
14.	digisAilor, Thoothukudi	1
15.	ikomet Technology Solution, Chennai	1
16.	Future Info Tech Business Specific Software, Karur	1
17.	Tecnospice Technologies Pvt Ltd., Cbe	3
18.	Bumblebee Inc, Cbe	3
19.	iEXEMPLAR Software India Pvt Ltd., Cbe	4
20.	QONO Technologies Pvt Ltd., Cbe,	3
21.	Campalin Innovations Pvt. Ltd.,	1
22.	Web epic technology pvt limited, Cbe	6
23.	Emglitz Technologies, Cbe	8
24.	SKYLINK FIBERNET Pvt Ltd.,	1
25.	Technocovai Software Pvt Ltd., Cbe	2
26.	KNILA IT Solutions, Cbe	8
27.	Carbloy Presition Pvt Ltd.,	1

Batch: 2023 - 2027 : II Year - NIL

ITEM No.10**R2025**

- It is resolved that the Proposed Regulations 2025 (Outcome based Curriculum through Choice based Credit System) be approved and passed.

SEMESTER – I							
S.No	Course Code	Course Title	Category	L	T	P	C
THEORY							
1.		Maths Course -1 (Linear Algebra and Differential Calculus)	BS	3	1		4
2.		Digital System Design	ES	3			3
3.		Green and Computational Chemistry	BS	2			2
4.		Computational Thinking and Problem Solving	ES	3			3
5.		Liberal Arts Course – 1 (Tamil – I)	LAC	1			1
THEORY CUM LABORATORY							
6.		Business and Corporate Communication	HSS M	2		2	3
7.		Programming in Python	ES	2		2	3
PRACTICAL COURSES							
8.		Foundations of Computer Systems Lab	ES			2	1
TOTAL							20

SEMESTER – II							
S.No	Course Code	Course Title	Category	L	T	P	C
THEORY							
1.		Maths Course -2 (Probability and Statistics)	BS	3	1		4
2.		Sensors for Engineering Application	BS	1			1
3.		Programming in C	ES	3			3
4.		Computer Architecture	PC	3			3

5.		Ability Enhancement Course – 1 (Soft Skills)	AEC	1		2	2
6.		Indian Knowledge System	HSS M	3			3
7.		Liberal Arts Course – 1 (Tamil – II)	LAC	1			1
THEORY CUM LABORATORY							
8.		Foundations of Quantum Physics	BS	2		2	3
PRACTICAL COURSES							
9.		Programming in C Lab	ES			2	1
TOTAL							21

ITEM No.11

R2025

- It is resolved that Regulations 2025 (Outcome based Curriculum through Choice based Credit System,) will be followed for B.E (CSE) programme for students admitted in the academic year 2025 and onwards.

ITEM No.12

- It is resolved that the Course titled “C Programming” will be followed under Regulations 2025 (Outcome based Curriculum through Choice based Credit System) for the Students of all other Departments admitted in the Academic Year 2025 and onwards.

ITEM No.13

- It is resolved that the Vision and Mission of the Department will be modified in line with the New Vision and Mission of the Institution and will be followed from the academic year 2025-2026 onwards after approval from various Academic Administrative Committees.

ITEM No.14

- It is resolved that the redefined Programme Educational Objective (PEOs) and the Programme Specific Outcomes (PSOs) for the Programme B.E Computer Science and Engineering will be followed from the academic year 2025-2026 onwards after approval from various Academic Administrative Committees..

Snapshots of the 21st BoS Meeting:



Suggestion by Expert Members:

01. Dr. Rajeswari Sridhar, University Nominee, Professor, Department of CSE, National Institute of Technology, Tiruchirappalli.

- For the Professional Elective Course titled “20CS2E86 – Full Stack .Net Development with C#”, it is suggested that .Net importance in Industry could be discussed further with Industry Experts and the course title & few topics could be revised.
- Suggested to include the Course Objectives in the Syllabus of all the courses.
- Suggested to revise the Lab hours as 30 hours and Theory hours as 30 hours for Theory cum Lab Courses.
- For the Professional Elective Course titled “20CS2E88 -Immersive Technologies for Industry 5.0”, it is requested to remove the word “Industry 5.0” in the Course title.
- For the Professional Elective Course titled “20CS2E88 -Immersive Technologies for Industry 5.0”, it is requested to check for availability of Open Source software instead of licensed software.
- The Professional Elective Course titled “20CS2E87 - MERN Stack Development” and One credit Course titled “20CSI039 - MERN Stack Development “, both course names are same and either one course title could be renamed.
- The Liberal Arts category name could be renamed as “Heritage & Arts”.
- Under the Regulations 2025, for the first semester Maths Course -1 (Linear Algebra and Differential Calculus), it is suggested to include “Applications of Linear Algebra”, add specific case studies and to invite Guest Lecture series for the Course.
- It is suggested to rename the course titled “Computer System Design “as “Digital System Design”.
- It is suggested to reorient the Course titled “Computational Thinking and Problem Solving” by adding “Object Oriented Programming aspects” and “Rule based programming”.
- It is suggested to include “Unit testing framework” in all Programming Lab Courses.
- It is suggested to include case studies for the Second semester Maths Course -2 (Probability & Statistics).
- It is suggested to include the book “Radar for Autonomous Driver” for the Course titled “Sensors for Engineering Application”.
- Expressed that the Course titled “Foundation of Quantum Physics”, is very difficult for First Year Students and suggested to

- Revise second module
 - Remove third module
 - Remove “EPR & Church Turing” contents from the Course
- It is suggested in the Professional Core Course titled “Computer Architecture” to remove the Memory location and operations topics shall be removed and X86 & ARM topics may be added.

02. Dr. Valliappan Raman, University Nominee, Professor, Department of Artificial Intelligence and Data Science, Coimbatore Institute of Technology, Coimbatore.

- It is suggested to include the topics “Kubernetes, Containerization & Docker”, for the Course titled “20CS2E87 - MERN Stack Development”.
- For the Professional Elective Course titled “20CS2E88 -Immersive Technologies for Industry 5.0”, it is requested to avoid the name of the licensed software like Unity in the Syllabus and also requested to rearrange the modules such as AR / VR fundamentals as initial modules then followed by other two modules.
- It is expressed that the Course titled “Foundation of Quantum Physics”, will be very difficult for Students and few modules could be revised and certain topics could be removed and overall Course contents could be diluted.
- It is suggested to remove the Course titled “Applied Sciences Lab” in Semester II under Regulations 2025.

03. Dr.Suresh Purini, , Expert from Outside the Parent University, Assoc.Prof/ CSE International Institute of Information Technology (IIIT) Hyderabad

- It is suggested to include “Object oriented Software Software Design” topics for the course titled “20CS2E86 - Full Stack .Net Development with C#”.
- It is suggested to strengthen the Course titled, “Programming in C” by adding Memory Management related topics.

04. G.Zayaraz, Subject expert from other University, Prof & Head Puducherry Technological University, Puducherry

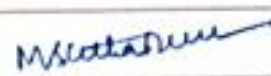
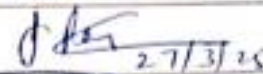
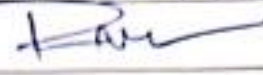
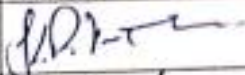
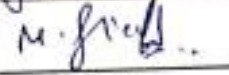
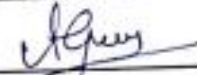
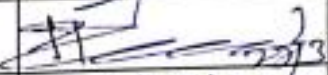
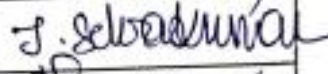
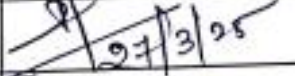
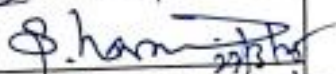
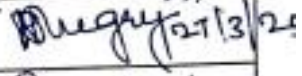
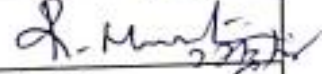
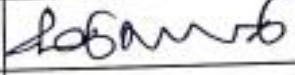
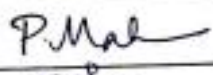
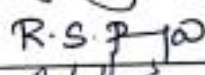
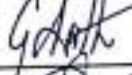
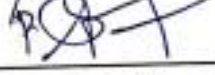
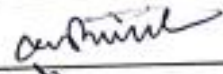
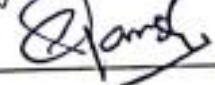
- It is suggested to include new Course on “Design patterns”.
- It is suggested to increase the credits to 4 for the course titled “Programming in C”.

05. Mr.Viswanathan Rajalingam, Expert from Industry, Multicoreware, Vice President & General Manager Mobility & Transportation Business Unit, Chennai – 600089.

- It is suggested that .Net is being applied in various Casino Gaming Industries and hence, .Net topics could be included in the Course titled “20CS2E86 - Full Stack .Net Development with C#”.
- It is suggested to include MQTT & ZEMO topics, for the course titled “20CS2E87 - MERN Stack Development”.
- It is suggested to include new course on RUST.
- It is requested to rename the Professional Elective Course titled “20CS2E88 -Immersive Technologies for Industry 5.0”, as “20CS2E88 -Immersive Technologies”. He also requested to modify last module as Capstone Project.
- It is suggested to include Electrical vehicle battery and Green Energy topics for the Course titled “Green and Computational Chemistry”.

06. Mr.M.Divakar Raj, Alumni Representative, Technical Architect, Odessa, Bengaluru

- It is suggested that .Net is being applied in various Gaming Industries and hence, .Net topics could be included in the Course titled “20CS2E86 - Full Stack .Net Development with C#”.
- It is suggested to revise the contents of the Course titled “20CS2E86 - Full Stack .Net Development with C#”, based on applications and to add case studies in C#.
- It is suggested to focus more on Programming Paradigms and to include a separate lab course for C Programming.

S.No	Name of the Member	Designation	Signature
1.	Dr.M.S.Geetha Devasena	Chairperson	
2.	Dr. Rajeswari Sridhar	University Nominee	 27/3/25
3.	Dr. Valliappan Raman	University Nominee	
4.	Dr.Suresh Purini	Subject Expert from Outside the Parent University	
5.	Dr.G.Zayaraz	Subject expert from other University	
6.	Mr.Viswanathan Rajalingam	Expert from Industry	
7.	Mr.M.Divakar Raj	Alumni Representative	
8.	Dr.A.Grace Selvarani	Internal Member	
9.	Dr.P.Perumal	Internal Member	 27/3
10.	Dr. J. Selvakumar	Internal Member	
11.	Dr.R.Anuradha	Internal Member	 27/3/25
12.	Dr. S. Hari Hara Gopalan	Internal Member	 27/3/25
13.	Dr.R. Kingsy Grace	Internal Member	 27/3/25
14.	Dr.R.Madhumathi	Internal Member	 27/3/25
15.	Dr.B.Mathivanan	Internal Member	
16.	Dr.P.Mathiyalagan	Internal Member	
17.	Mrs.S.Elhiin Freeda	Internal Member	
18.	Mrs.S.Prince Sahaya Brighty	Internal Member	
19.	Mrs.R.S.Ramya	Internal Member	 R.S.P. 10
20.	Mrs.G.Rathi	Internal Member	
21.	Mrs.P.Sugantha Priyadharshini	Internal Member	
22.	Dr.R.Vijayakumar	Internal Member	
23.	Mr.G.Narendran	Internal Member	
24.	Mr.Y.J.Ganesh	Internal Member	



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VATTAMALAIPALAYAM, N.G.G.O. COLONY POST, COIMBATORE – 641 022.



10.11.2023

MINUTES OF THE 18th CSE BOARD OF STUDIES MEETING FOR THE UG B.E(CSE) PROGRAMME HELD ON 10.11.2023 AT 2.15 PM IN ONLINE MODE.

The following members attended the above meeting.

1. Dr.A.Grace Selvarani, Chairperson
2. Dr.M.K.Kavitha Devi, University Nominee
3. Dr. R. Govindarajan, Expert member from Government Organization (IISc)
4. Mr.Keerthi Ram, Expert member – IIT
5. Mr.N.Sadhasivam, Expert from Industry
6. Mr. H. Rajesh Kumar, Alumni Representative
7. Dr.M.S.Geetha Devasena, Internal Member
8. Dr.P.Perumal, Internal Member
9. Dr. J. Selvakumar, Internal Member
10. Dr.R.Anuradha, Internal Member
11. Dr. S. Hari Hara Gopalan, Internal Member
12. Dr.R. Kingsy Grace, Internal Member
13. Dr.B.Mathivanan, Internal Member
14. Dr.P.Mathiyalagan, Internal Member
15. Dr.R.Madhumathi, Internal Member
16. Dr.R.Vijayakumar, Internal Member
17. Mrs.G.Rathi, Internal Member
18. Mrs.S.Elhiin Freeda, Internal Member
19. Mrs.P.Sugantha Priyadharshini, Internal Member
20. Mr.Y.J.Ganesh, Internal Member

- Prof.Dr.A.GraceSelvarani, Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 18th BoS meeting. Programme Co-ordinator disseminated the Vision, Mission, PO,PSO & PEO of the Department.
- Programme Coordinator presented the PEO & Mission Correlation Matrix and the Members approved it.

ITEM No.1

- It is resolved that Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech. programmes for students admitted in the Academic year 2020.

ITEM No.2

- It is resolved that Revised Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech. programmes for students admitted in the Academic year 2021 & onwards.

ITEM No.3

- It is resolved that the syllabi for the following new Professional Elective courses under (Revised) Regulations 2020 be approved and passed.
 - **20CS2E79 GENERATIVE AI: FOUNDATIONAL MODELS FOR SCIENTIFIC MACHINE LEARNING**
 - **20CS2E80 - ROADMAPPING EXTENDED REALITY**

ITEM No.4

- It is resolved that the following new one credit courses will be included under (Revised) Regulations 2020 for B.E. CSE programme.

S.No	Course CODE & Title	Industry
1.	20CSI029 - Cloud Management Applications In Salesforce & Veeva Vault	Accenture Technology Solutions
2.	20CSI030 - Digital Transformation For Industrial Automation	TCS, Chennai
3.	20CSI031 - Introduction To Version Control System (VCS)	IQZ Systems, Coimbatore
4.	20CSI032 - Industry perspective of UI / UX Design	Sierra Digital, Coimbatore

ITEM No.5

- It is resolved that the following NPTEL courses are approved for credit transfer during Nov/Dec 2023.

The following NPTEL courses have been approved as Credit Transfer Online Courses for this Academic Year 2023-2024 ODD semester for II,III students.

S.NO	Course Id	Course Name	SME Name	Institute	Duration	Credits
1	noc23-cs100	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	12 Weeks	3
2	noc23-cs102	Parameterized Algorithms	Prof. Neeldhara Misra Prof. Saket Saurabh	IIT Gandhinagar IMSC	12 Weeks	3
3	noc23-cs106	Social Network Analysis	Prof. Tanmoy Chakraborty	IITD	12 Weeks	3
4	noc23-cs110	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar Prof. Padmavati	IIT Ropar	12 Weeks	3
5	noc23-cs113	Multi-Core Computer Architecture	Prof. John Jose	IITG	8 Weeks + 4 Weeks (New)	3
6	noc23-cs116	Design & Implementation Of Human-Computer Interfaces	Prof. Samit Bhattacharya	IITG	12 Weeks	3
7	noc23-cs117	Introduction To Game Theory And Mechanism Design	Prof. Swaprava Nath	IITB	12 Weeks	3
8	noc23-cs69	Privacy And Security In Online Social Media	Prof. Ponnurangam Kumaraguru	IITH	12 Weeks	3
9	noc23-cs75	Ethical Hacking	Prof. Indranil Sengupta	IITKGP	12 Weeks	3
10	noc23-cs77	Computer Vision	Prof. Jayanta Mukhopadhyay	IITKGP	12 Weeks	3
11	noc23-cs80	Natural Language Processing	Prof. Pawan Goyal	IITKGP	12 Weeks	3
12	noc23-cs126	Deep Learning for Computer Vision	Prof. Vineeth N Balasubramanian	IITH	12 Weeks	3
13	noc23-cs127	Cyber Security and Privacy	Prof. Saji K Mathew	IITM	12 Weeks	3

ITEM No.6

- It is resolved that the Result Analysis for the Academic Year 2022 – 2023 (Semesters VIII / VI/ IV/II) are approved and passed.

ODD SEMESTER				
SEMESTER	NO.OF STUDENTS REGISTERED IN ALL THE SUBJECTS	NO.OF STUDENTS APPEARED IN ALL THE SUBJECTS	NO.OF STUDENTS PASSED IN ALL SUBJECTS	OVERALL PERCENTAGE %
II	189	185	121	65.41 %
IV	201	191	138	72.25%
VI	191	187	162	86.62 %
VIII	199	198	198	100 %

ITEM No.7

- It is resolved that the following candidates who have registered for additional credits during Nov/Dec 2023 examination under the Specialization/Minor courses category Verticals shall be approved according to the communication from Anna University, Chennai via Letter No. 5749/AU/CAC/Honours/2022 dated 16.11.2022.

Specialization: AI ML Registration Details**Batch: 2021 – 2025 Academic Year: 2023-2024**

Sl. No	Specialization/ Minor Course Details	Course Code and Title	Roll No	Students Name	CGPA
1	Artificial Intelligence and Machine Learning Specialization	<u>Course 1</u> 20CS2E05 - Deep Learning	71812101007	AKSHAYA S	8.37
2			71812101008	AMIRTHAVARSHINI B	8.4
3			71812101011	ANUKEERTHANA B S	8.31
4			71812101014	ARCHANA B	9.06
5			71812101017	ASHOK KUMAR K	8.84
6			71812101027	BHANUSREE B R	8.91
7			71812101043	DHARSHINI SURESH LAVANYA	8.83
8			71812101062	GODLIN DONYA S.P	8.8
9			71812101110	HARSHAVARTHANAN G	8.69
10			71812101124	KARTHIKEYAN A K	7.91
11		<u>Course 2</u> 20CS2E09- Explainable Artificial Intelligence	71812101137	MADUMITHA A	8.57
12			71812101160	PAVITHRA S	8.37
13			71812101206	PREM.M	0
14			71812101239	SUDHARSAN K	7.89
15			71812101255	VIJAYANANDH R	8.84
16			71812101146	MONICA	8.16
17			71812105014	ASMITHA ARTHI N	9.21
18			71812105021	CHADUNDURAA N	8.76
19			71812105125	SANGEETHA H	8.74
20			71812105124	SAMRITHA	8.31
21			71812105119	RANJITH	8.65
22			71812105151	VIBHUSHITHA L	8.48
23			71812105123	SAKTHI NITHISS S	9.03
24			71812105146	THANUJASHREE C	8.3
25			71812105028	DHARSHANA S	8.68
26			71812105137	SOWMIYA C	7.92
27			71812105159	YASVANTH BJ	8.3
28			71812105108	NIKITHA B	7.25
29			71812105162	YASMIN NIGAR M	7.71
30			71812105038	HARSHINI S	8.26

Specialization: AR / VR Registration Details**Batch: 2021 – 2025 Academic Year: 2023-2024**

Specialization/ Minor Course Details	Course Code and Title	Register No. of the Candidate	Name	CGPA
AR/VR Specialization	<u>Course 1</u> 20CS2E73 Virtual Reality/Augmented Reality/Mixed Reality/ Extended Reality	71812105041	INBARASAN S	8.27
		71812105042	JEYAPRIYADARSHINI S	8.01
		71812105051	KOKILA R	7.62
		71812111014	DHARUN V	7.72
	<u>Course 2</u> 20CS2E75 UI/UX Design for Augmented and Virtual reality	71812101236	SRIMAHA T S	7.99
		71812101016	ASHLEY KERUBIN	8.21

Minor : AI ML Registration Details

Specialization/Minor Course Details	Course Code and Title	Register No. of the Candidate	Name	CGPA
AI/ML Minor	20CS2E04 AI Tools and Framework	71812104018	Dinesh Arvind M	8.27
		71812104031	KavinKumar S	8.53
		71812104033	Kishore S	9.24
		71812104105	Nagul SS	8.44
		71812106007	Gowrishangar B	7.31
		71812110009	Bharathi M	8.65
		71812110020	Lakshmi Priyasni.B.R	8.28
		71812110031	Raghav.S.K	9.3

Specialization/Minor Course Details	Course Code and Title	Register No. of the Candidate	Name	CGPA
AI/ML Minor	20CS2E72 Machine Learning Techniques	71812104018	Dinesh Arvind M	8.27
		71812104031	KavinKumar S	8.53
		71812104033	Kishore S	9.24
		71812104105	Nagul SS	8.44
		71812106007	Gowrishangar B	7.31
		71812110009	Bharathi M	8.65
		71812110020	Lakshmi Priyasni.B.R	8.28
		71812110031	Raghav.S.K	9.3

ITEM No.8

- It is resolved that the new courses and its syllabi be approved for the Honors Specialization / minor in B.E. CSE degree programme

AIML Specialization & Minor

S.No	Course Code	Course Title	Credits	Mode of Delivery	Offered By
1	noc23-cs100	Reinforcement Learning	3	NPTEL	Premier Institution Industry
2	noc23-cs117	Introduction to Game Theory and Mechanism Design			
3	noc22_ce77	Environmental Modelling and Simulation			

ITEM No.9

- Transferred student details.

➤ **Ref: - III CSE/Batch: 2021-25/Transfer Student Credits Details**

The student **Vignesh.S**, **Register Number: 71812101269**, transfer order No.19080/J1/2023, Dated:30.08.2023 has been transferred from 2710-Karpagam College of Engineering (Autonomous) to 2719 – Sri Ramakrishna Engineering College (Autonomous).

➤ Credit balance for the transferred students.

The courses as well as the credit details completed upto fourth semester in Karpagam College of Engineering is compared against SREC curriculum as mentioned below:

Sem ester	Course Code	Course Title	Categ ory	Cre dits	Course Code	Course Title	Cate gory	Cred its
		(Karpagam Courses)				(SREC Courses)		
I	21PC07	Engineering Practices for Computer Science	ES	2	20ME272	Computer aided engineering graphics laboratory	ES	2
	21OB21	Engineering Physics (II Semester)	BS	5	20CH209/20PH210/20PH209	Chemistry of Advanced Materials/ Essentials of Quantum Physics/ Nano And Quantum Physics (II Semester)	BS	3
					20BS201	Physical sciences	BS	4
					20BS270	Basic sciences laboratory	BS	1
					20BM205	Life sciences	BS	2
	21PC13	Information Technology Essentials	ES	3	20CS201	Disruptive technologies	ES	2
	21OB01	Matrices and Calculus	BS	5	20MA203	Linear algebra and differential calculus	BS	4
	21PC01	Programming Logic and Design	ES	5	20EI271	Simulation laboratory	ES	1
					20CS271	Computer hardware and software laboratory	ES	1
	21OA11	Technical English I	HS	4	20HS270	Preliminary business English	HS	3
	Total Credits			19	Total Credits			20
II	21OA12	Technical English II	HS	4	20HS201/20HS202/20HS203/20HS204	Advanced Business English/Technical Writing/Basic German/Basic Japanese	HS	3
	21OB02	Vector Calculus and Integral Transforms	BS	5	20MA206	Transforms And Its Applications	BS	3
	21PC14	Electronic Devices and Circuits	ES	4	20EE262	Basics of Electrical and Electronics Engineering	ES	3
					20EI202	Sensors and Its Applications	ES	2
	21PC04	Advanced C programming	ES	5	20CS202	Programming Paradigms - I	ES	3
					20CS272	Programming Paradigms - I Laboratory	ES	1
					20CS251	Mobile Application	PC	2

						Development		
	Total Credits			23	Total Credits			20
III	21PC09	Digital Electronics and Microprocessors	ES	5	20IT204	Computer Organization and Architecture	PC	3
	21OB11	Discrete Mathematical Structures	BS	5	20MA214	Discrete Structures and Combinatorics	BS	3
	21PD03	Operating Systems (IV Semester)	PC	4	20CS207	Operating Systems	PC	3
					20CS275	Operating Systems Laboratory	PC	1
	21PD05	Database Management Systems	PC	5	20IT206	Database Management Systems	PC	3
					20CS276	Database Management Systems Laboratory	PC	1
	21PD02	Data Structures	PC	5	20CS205	Algorithms and Complexity – I	PC	3
					20CS274	Algorithms and Complexity – I Laboratory	PC	1
					20CS208	Intelligent Agent	PC	2
	21PD13	Java Programming	ES	5	20CS204	Programming Paradigms – II	ES	3
					20CS273	Programming Paradigms – II Laboratory	ES	1
						Open Elective I	OE	3
	Total Credits			25	Total Credits			27
IV	21PE01	Advanced Data Structures	PC	5	20CS211	Algorithms and Complexity – II	PC	3
					20CS277	Algorithms and Complexity – II Laboratory	PC	1
					20CS253	Foundations of Machine Learning (Theory cum Laboratory)	PC	3
	21PE04	Advanced Java Programming	PC	5	20CS210	Programming Paradigms – III	ES	3
					20CS278	Programming Paradigms III Laboratory	ES	1
					20CS252	Computer Networks (Theory cum Laboratory)	PC	3
	21OB12	Probability and Statistics	BS	5	20MA215/20MA216	Probability and Statistics/ Probability and Queueing Theory	BS	3/3
	21PD08	Computer Architecture	PC	4	20EC251	Digital Logic Circuits (Theory cum Laboratory)	ES	3
	21PF05	Internship-I	EEC	1	20CS295	Mini Project-I	EEC	2
					20IT2101	Design Thinking	BS	1
					20CS254	Foundations of Data Science (Theory cum	PC	3

					Laboratory)		
					Open Elective II	OE	3
	Total Credits			24	Total Credits		29

The category-wise credit details of the student **Vignesh.S**, register number: **71812101269**, completed up to fourth semester and going to be completed up to eighth semester is compared against SREC credit system is as follows:

Category-wise Credit Details

Category	Credits (Karpagam)	Credits (SREC)	Credits (Karpagam)	Credits (SREC)
	Upto IV Semester Credits		Upto VIII Semester Credits	
Humanities and Social Sciences including Management (HSMC)	8	6	11	10
Basic Sciences (BS)	25	25	25	25
Engineering Sciences (ESC)	29	25	29	28
Professional Core (PCC)	28	32	56	57
Professional Electives (PEC)	-	-	18	18
Open Electives (OEC)	-	6	9	9
Employability Enhancement Courses (EEC)	1	2	14	15
Mandatory Course (Non Credited)(MC)	-	2	3	3
Total Credits	91	96	162	162

S. No	Category	Credits per Semester								Total Credits
		I	II	III	IV	V	VI	VII	VIII	
1.	Humanities And Social Sciences (HS)	4	4				3			11
2.	Basic Sciences (BS)	5	10	5	5					25
3.	Engineering Sciences (ES)	10	9	10						29
4.	Professional Core (PCC)			10	18	14	14			56
5.	Professional Electives (PEC)					3	6	9		18
6.	Open Electives (OEC)					6	3			9
7.	Employability Enhancement				1		3	2	8	14

	Courses (EEC)									
8.	Mandatory Course (Non-Credited)(MC)					3				
	Total	19	23	25	24	23	28	11	8	162

In order to compensate the total credits, the committee suggested the following courses to be completed by the student in the fifth and sixth semesters.

Semester	Courses	Credits
V	Open Elective I (20EN2E01 - Life Skills and Personality Development)	3
VI	20CS254 – Foundations of Data Science	3
	Open Elective III	3
	One Credit Course	1
Total Credits		10

Also, the course titled 20EC252 – Microcontrollers and Programming offered in the fifth semester is waived since he already completed the course in the third semester at Karpagam College of Engineering.

Suggestion by Expert Members:

Dr. R. Govindarajan (Professor, IISc, Bangalore - Expert member from Government Organization)

- The Professional Elective Course “ 20CS2E73 - GENERATIVE AI : FOUNDATIONAL MODELS FOR SCIENTIFIC MACHINE LEARNING” could be renamed as “20CS2E73 GENERATIVE AI or else 20CS2E73 FOUNDATION MODEL FOR GNERATIVE AI”, because the Foundation model & Scientific Machine Learning does not connect.
- The Professional Elective Course “20CS2E78 - ROADMAPPING EXTENDED REALITY” could be renamed as “ 20CS2E78 - EXTENDED REALITY” and could be a designed as a Theory cum Lab Course.
- The Course contents of the NPTEL Courses “noc23-cs117 - Introduction to Game Theory and Mechanism Design” and “noc22_ce77 - Environmental Modelling and Simulation” could be verified.

- Regarding a query about the One Credit Courses, the following were clarified
 - One credit courses are offered by Industry Experts
 - Student has to undergo one mandatory One Credit Course
 - Student can undergo maximum 4 number of One Credit Courses
 - Student can get a waiver of one regular Professional Elective Course during the 7th Semester, if He/She does 3 number of One Credit Courses from Semester 4 to 6.

Mr. H. Rajesh Kumar (Delivery Head, VueData Technologies Pvt. Ltd, Chennai - Alumni Representative)

- For the Professional Elective Course “ 20CS2E73 - GENERATIVE AI : FOUNDATIONAL MODELS FOR SCIENTIFIC MACHINE LEARNING” minimize the focus on RNN and increase weightage on the foundation model, introduction to RNN, transport model, Top LLM & transformer

Dr.M.K.Kavitha Devi (Professor, Thiagarajar College of Engineering, Madurai - University Nominee)

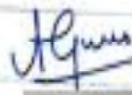
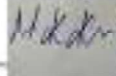
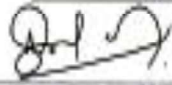
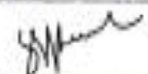
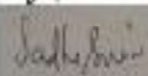
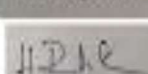
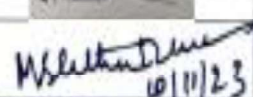
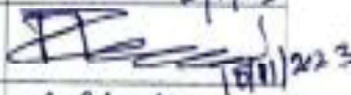
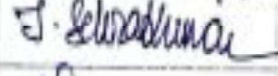
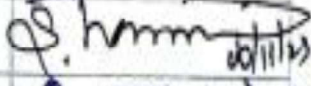
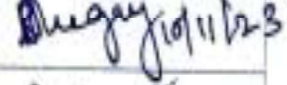
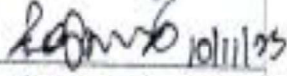
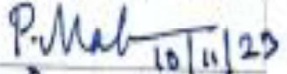
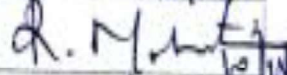
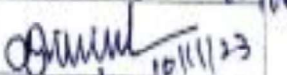
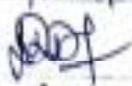
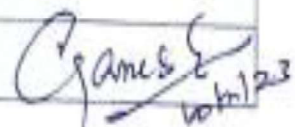
- Enquired about the Open Electives and the Chair person replied that new Open Electives is not passed in the 18th BoS

Mr.Keerthi Ram (Computational healthcare group of Healthcare Technology Innovation Centre, IIT Madras - Expert member)

- Appreciated that “ All are good”

Mr.N.Sadhasivam (Software Engineer, JP Morgan Chase , Bangalore, Expert from Industry) :

- Appreciated that “ Its fine ”

S.No	Name of the Member	Designation	Signature
1.	Dr.A.Grace Selvarani	Chairperson	 10/11/23
2.	Dr.M.K.Kavitha Devi	University Nominee	 10/11/23
3.	Dr. R. Govindarajan	Expert member from Government Organization	 10/11/23
4.	Mr.Keerthi Ram	Expert members - IIT	 10/11/23
5.	Mr.N.Sadhasivam	Expert from Industry	 10/11/23
6.	Mr. H. Rajesh Kumar	Alumni Representative	 10/11/23
7.	Dr.M.S.Geetha Devasena	Internal Member	 10/11/23
8.	Dr.P.Perumal	Internal Member	 10/11/23
9.	Dr. J. Selvakumar	Internal Member	 10/11/23
10.	Dr.R.Anuradha	Internal Member	 10/11/23
11.	Dr. S. Hari Hara Gopalan	Internal Member	 10/11/23
12.	Dr.R. Kingsy Grace	Internal Member	 10/11/23
13.	Dr.B.Mathivanan	Internal Member	 10/11/23
14.	Dr.P.Mathiyalagan	Internal Member	 10/11/23
15.	Dr.R.Madhumathi	Internal Member	 10/11/23
16.	Dr.R.Vijayakumar	Internal Member	 10/11/23
17.	Mrs.G.Rathi	Internal Member	 10/11/23
18.	Mrs.S.Elhiin Freeda	Internal Member	 10/11/23
19.	Mrs.P.Sugantha Priyadharshini	Internal Member	 10/11/23
20.	Mr.Y.J.Ganesh	Internal Member	 10/11/23

Snapshots of the 18th BoS meeting on 10.11.2023

Browser tabs: Inbox (5,654) - anuradha.r@sr... Meet - 18th BOS Meeting - ...

URL: meet.google.com/fgx-gifw-kna

Meeting Title: 18th BOS Meeting -CSE

Time: 2:35 PM

Presenting: Anu Radha (You, presenting)

Stop presenting

Ignore

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Contributors: 22

- Anu Radha (You) Meeting host
- Anu Radha Your presentation
- Divyaprabha P
- Dr M K Kavitha Devi
- Ezhilin Freeda
- Ganesh Joghee

19 others

85°F Haze

14:35 10-11-2023

Browser tabs: Inbox (5,654) - anuradha.r@sr... Meet - 18th BOS Meeting - ...

URL: meet.google.com/fgx-gifw-kna

Meeting Title: 18th BOS Meeting -CSE

Time: 3:13 PM

Participants:

- R Govindarajan
- HoD Cse
- Dr M K Kavitha Devi
- sugantha ravee
- Selvakumar Jayakumar
- Sadhasivam Nanjiah
- Keerthi Ram
- 12 others
- Anu Radha

People

- Anu Radha (You) Meeting host
- Dr M K Kavitha Devi
- Ezhilin Freeda
- Ganesh Joghee
- Geetha Devasena M.S.
- HoD Cse Meeting host
- Keerthi Ram

15:13 10-11-2023

Browser tabs: Inbox (5,655) - anuradha.r@sr... Meet - 18th BOS Meeting - ...

URL: meet.google.com/fgx-gifw-kna

Meeting Title: 18th BOS Meeting -CSE

Time: 3:14 PM

Participants:

- R Govindarajan
- HoD Cse
- Dr M K Kavitha Devi
- sugantha ravee
- Selvakumar Jayakumar
- Sadhasivam Nanjiah
- Keerthi Ram
- 12 others
- Anu Radha

People

- mathi vanan
- Mathiyalagan P
- Perumal Pitchandi
- R Govindarajan
- Rajesh Kumar
- Rathi Gopalakrishnan
- Sadhasivam Nanjiah

15:14 10-11-2023



SRI RAMAKRISHNA ENGINEERING COLLEGE

[Educational Service : SNR Sons Charitable Trust]
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[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]
[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]
VATTAMALAIPALAYAM, N.G.G.O. COLONY POST, COIMBATORE – 641 022.



22.03.2024

MINUTES OF THE 19th CSE BOARD OF STUDIES MEETING FOR THE UG B.E(CSE) PROGRAMME HELD ON 22.03.2024 AT 10.00 AM IN CSE BOARD ROOM OF SRI RAMAKRISHNA ENGINEERING COLLEGE, COIMBATORE.

The following members attended the above meeting.

1. Dr.A.Grace Selvarani, Chairperson
2. Dr.M.K.Kavitha Devi, University Nominee
3. Dr. R. Govindarajan, Expert member from Government Organization (IISc)
4. Mr.N.Sadhasivam, Expert from Industry
5. Mr. H. Rajesh Kumar, Alumni Representative
6. Dr.M.S.Geetha Devasena, Internal Member
7. Dr.P.Perumal, Internal Member
8. Dr. J. Selvakumar, Internal Member
9. Dr.R.Anuradha, Internal Member
10. Dr.R. Kingsy Grace, Internal Member
11. Dr.B.Mathivanan, Internal Member
12. Dr.P.Mathiyalagan, Internal Member
13. Dr.R.Madhumathi, Internal Member
14. Dr.R.Vijayakumar, Internal Member
15. Mrs.G.Rathi, Internal Member
16. Mrs.S.Elhiin Freeda, Internal Member
17. Mrs.P.Sugantha Priyadharshini, Internal Member
18. Mr.Y.J.Ganesh, Internal Member

- Prof.Dr.A.Grace Selvarani, Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 19th BoS meeting. Programme Co-ordinator disseminated the Vision, Mission, PO,PSO & PEO of the Department.

ITEM No.1

- It is resolved that Revised Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech. programmes for students admitted in the Academic year 2021 & onwards.

ITEM No.2

- It is resolved that the syllabi for the following new Professional Elective courses under (Revised) Regulations 2020 be approved and passed.
- 20CS2E82 AI ON EDGE DEVICES
 - 20CS2E83 IDENTITY AND ACCESS MANAGEMENT (IAM) & ZERO TRUST SECURITY

ITEM No.3

- It is resolved that the following NPTEL courses are approved for credit transfer during April/May 2024.

S.N O	Course Id	Course Name	SME Name	Institute	Duration
1	noc24-cs01	Foundations of Cryptography	Prof. Ashish Choudhury	IIIT Bangalore	12 Weeks
2	noc24-cs04	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIITH	12 weeks
3	noc24-cs07	Secure Computation: Part I	Prof. Ashish Choudhury	IIIT Bangalore	12 Weeks
4	noc24-cs15	Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IITKGP	12 Weeks
5	noc24-cs27	Foundations of Cyber Physical Systems	Prof. Soumyajit Dey	IITKGP	12 Weeks
6	noc24-cs29	Getting Started with Competitive Programming	Prof. Neeldhara Misra	IIT Gandhinagar	12 Weeks
7	noc24-cs30	GPU Architectures And Programming	Prof. Soumyajit Dey	IITKGP	12 Weeks
8	noc24-cs39	Natural Language Processing	Prof. Pawan Goyal	IITKGP	12 Weeks
9	noc24-cs40	Object Oriented System Development Using UML, Java And Patterns	Prof. Rajib Mall	IITKGP	12 Weeks
10	noc24-cs49	Theory of Computation	Prof. Subrahmanyam Kalyanasundaram	IIT Hyderabad	12 Weeks
11	noc24-cs52	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	12 Weeks
12	noc24-cs59	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar Prof. Padmavati	IIT Ropar	12 Weeks
13	noc24-cs63	Parallel Computer Architecture	Prof. Hemangee K. Kapoor	IITG	12 Weeks

S.N O	Course Id	Course Name	SME Name	Institute	Duration
14	noc24-cs64	Games and Information	Prof. Ankur A. Kulkarni	IITB	12 weeks
15	noc24-cs65	Business Intelligence & Analytics	Prof. Saji K Mathew	IITM	12 Weeks
16	noc24-cs66	Edge Computing	Prof. Rajiv Misra	IITP	8 Weeks
17	noc24-cs26	Foundation of Cloud IoT Edge ML	Prof. Rajiv Misra	IITP	8 Weeks

ITEM No.4

- It is resolved that the Result Analysis for the Academic Year 2023 – 2024 (Semesters VII / V/ III) are approved and passed.

ODD SEMESTER				
SEMESTER	NO.OF STUDENTS REGISTERED IN ALL THE SUBJECTS	NO.OF STUDENTS APPEARED IN ALL THE SUBJECTS	NO.OF STUDENTS PASSED IN ALL SUBJECTS	OVERALL PERCENTAGE %
III	205	202	127	62.87%
V	200	192	123	64.06%
VII	155	154	154	99.35%

ITEM No.5

- It is resolved that the new course and its syllabi be approved for the AI / ML Minor in B.E. CSE degree programme

S.No	Course Code	Course Title	Credits	Mode of Delivery	Offered by
1.	20CS2E81	DEEP LEARNING AND GENAI FOR CLOUD	3	SREC	SREC

ITEM No.6

- It is resolved that the following specialization/minor courses are offered during the even semester of Academic Year 2023 – 2024 and the following eligible students be approved for the Honors Specialization / minor in B.E. CSE degree programme

S.No	Course Code	Course Title	Specialization / Minor	Students Roll No	Students Name
1.	20CS2E81	DEEP LEARNING AND GENAI for CLOUD	AI / ML – Specialization	71812101007	AKSHAYA S
				71812101008	AMIRTHAVARSHINI B
				71812101011	ANUKEERTHANA B S
				71812101014	ARCHANA B
				71812101017	ASHOK KUMAR K
				71812101027	BHANUSREE B R
				71812101043	DHARSHINI SURESH LAVANYA
				71812101062	GODLIN DONYA S.P
				71812101110	HARSHAVARTHANAN G
				71812101124	KARTHIKEYAN A K
				71812101137	MADUMITHA A
				71812101160	PAVITHRA S
				71812101206	PREM.M
2.	20CS2E79	Foundations Model for Generative AI		71812101239	SUDHARSAN K
				71812101255	VIJAYANANDH R
				71812101146	MONICA
				71812105014	ASMITHA ARTHI N
				71812105021	CHADUNDURAA N
				71812105125	SANGEETHA H
				71812105124	SAMRITHA
				71812105119	RANJITH
				71812105151	VIBHUSHITHA L
				71812105146	THANUJASHREE C
				71812105028	DHARSHANA S
				71812105137	SOWMIYA C
				71812105108	NIKITHA B
3.	20CS2E05	Deep Learning	71812105162	YASMIN NIGAR M	
			71812105038	HARSHINI S	
			71812104018	DINESH ARVIND M	
4.	20CS2E06	Robotic Process Automation	71812104031	KAVINKUMAR S	
			71812104033	KISHORE S	
			71812104105	NAGUL SS	
			71812106007	GOWRISHANGAR B	
			71812110009	BHARATHI M	
5.	20CS2E76	Mobile App Development for VR	71812110020	LAKSHMI PRIYASNI.B.R	
			71812110031	RAGHAV.S.K	
			71812105041	INBARASAN S	
			71812105042	JEYAPRIYADARSHINI S	
			71812105051	KOKILA R	
6.	20CS2E78	AR Apps in Unity	71812111014	DHARUN V	
			71812101236	SRIMAHA T S	
			71812101016	ASHLEY KERUBIN	

ITEM No.7

- It is resolved that the following students had completed 4/6 weeks of internship/inplant training be approved for the student in B.E. CSE degree programme

INDUSTRY	NO. OF STUDENTS
Adhoc Softwares, Coimbatore	1
Appteq Technology, coimbatore	3
Arcturus Lifespace Ltd, Coimbatore	5
Digital PowerLinks, Coimbatore	6
Ascentz Technologies, Coimbatore	2
Axon Infosoft India Pvt. Ltd,Coimbatore	5
Blueoceandigital India Pvt Ltd , Coimbatore	4
Byteforza technologies, Coimbatore	1
Cogniv Technologies, Coimbatore	2
Craftsman Automation Pvt.Ltd, Coimbatore	1
Cyprus Infotech, Coimbatore	
Yuva Soft Solution, Coimbatore	5
Dhyan Technologies, Chennai	2
Emglitz Technologies,Coimbatore	5
FX Consultancy, Coimbatore	1
Hackup Technology ,Coimbatore	1
HealthEdge Software Technology, Hyderabad	2
iamNeo, Coimbatore	1
Inno Valley works	2
Intech Digital Solutions, Coimbatore	5
I-tech Soft Solutions, Coimbatore	11
IXLY Technologies, Coimbatore	2
KGM Software Pvt. Ltd, Erode	1
Knila IT Solutions India Pvt. Ltd	12
L & T Technology Services	1
Languify , Bangalore	1
Likemind Technologies, Coimbatore	2
Litz Tech, Coimbatore	19
Mallow Technologies Private Limited, Karur	5
NewGen Technologies, Coimbatore	4
Nexus Global Solutions, Coimbatore	10
Nuway India, Coimbatore	3
Nxt Logic Solutions, Coimbatore	3
RBG.AI, Coimbatore	3
Rezilyens LLC, Coimbatore	1
Roots India Private Ltd, Coimbatore	1
RVS Agency	3
Smart Global Solutions, Coimbatore	5
Smik systems, Coimbatore	1
Softloft Technologies	2
Soliton Technologies, Coimbatore	5
Spectrum Digital Infocom, Coimbatore	1
Techno Forte	1
Teplar Solution, Coimbatore	9
Twisys Infotech, Coimbatore	10
Vivix Tech, Namakkal	1
Xplore IT	1
Xuvax Pvt Ltd, Coimbatore	3
Yuva Soft Solution, Coimbatore	15

INDUSTRY NAME	NO.OF STUDENTS
Aana Solutions, Chennai	5
ADHOC SOFTWARES, Coimbatore	8
Atominos Consulting, Coimbatore	1
Bull Machines Pvt Ltd, Coimbatore	1
Customer Centria, Coimbatore	2
Digital Valley India, Coimbatore	1
Decologi Tech Private Limited	2
Edman Data Management Systems Pvt Ltd	1
Ether Infotech, Coimbatore	10
Ether Services, Coimbatore	2
Getryt Technologies	4
IIT, Kharagpur	1
IO Solutions, Coimbatore	1
KNILA, Coimbatore	9
Hackup Technology, Coimbatore	3
HCL INFOSYSTEMS LTD.	1
HIROTEC INDIA Pvt Ltd, Coimbatore.	1
Karyo e-Systems Inc., Chennai	1
Pamz3D Solutions, Coimbatore	3
Proplus Logics Solutions	3
RBG, SREC SPARK	6
Robomiracle Technologies, Coimbatore	1
Salzer Electronics Limited, Coimbatore	9
Sedin, Chennai	2
Sparkout Tech Solutions, Coimbatore	3
SR University, Warangal	2
Tectzo Solutions Private Limited, Coimbatore	3
Vasantha Advanced Systems, Coimbatore	1
VCOLLAB, Bangalore	1
Wimera Systems Pvt.Ltd, Bengaluru	2

ITEM No.8

➤ Readmitted student details. The following Students are readmitted in 2023 - 24

- N.Balaji (2101026)
- S.Dinesh Babu (2101046)

Suggestion by Expert Members:

Dr.M.K.Kavitha Devi (Professor, Thiagarajar College of Engineering, Madurai - University Nominee)

- Questioned whether Final Year & Prefinal Year Students do Internship / Live-in-Lab as Team or else as Individuals?. Programme coordinator replied that Students do Internship as individual and Live-in-Lab as Team with the guidance of Mentor and the Students take up the Problem statement of nearby interior villages and come up with solution as social relevant Project.
- Questioned whether the Proposed Professional Elective Course titled “20CS2E82 - Embedded Artificial Intelligence” is a Theory Cum Laboratory Courses. The Programme Co-ordinator replied that it is an Theory Cum Laboratory Course with a Prerequisite Core Course like Machine Learning during 4th Semester and Elective Course like Deep Learning in 5th Semester .
- Discussed about Embedded AI syllabus and Dr.Anuradha ASP/CSE replied that building a Model in a Cloud or else in any platform and can deploy in any device, so that the Students know how to build a model, quantize and prune it and display in any edge devices as Embedded System Course is prerequisite for this Course.
- Questioned how the CO is assessed during Course assessment in exam point of view and also during regular lecture delivery. The programme coordinator replied that the CO is addressed based on the Blooms taxonomy level like analyze, apply etc... Following the Institution IQAC guidelines. The COs are also revamped based on Blooms Taxonomy.
- Questioned how the Student progress are tracked for NPTEL courses. The Programme coordinator replied that a mentor is allocated for each credit transfer NPTEL Courses identified by the department The Mentor also will register for this NPTEL course and the Mentor keeps track of the Students progress in writing assignment for NPTEL , doubt clarification, Students registration for the corresponding Course, Examination etc.. And it’s the Students choice to convert the NPTEL Course for a credit transfer or not.
- Questioned about the Internal pass percentage compared to Autonomous pass percentage and the programme co-ordinator said mostly both the pass percentage are similar.
- Questioned about the internal & external spilt up and Programme co-ordinator said that for Theory Courses the 40% : 60% ratio is followed with ALM, Assignment test, Surprise Quiz etc.. as per the Regulations.
- Discussed about the Tools used in Professional Elective titled “20CS2E81 - Cloud Deep Learning and GenAI Solutions”.

- Questioned about the benchmarking followed while framing the syllabus. The Programme co-ordinator replied that IITs, MIT, Stanford etc... & other leading National & International Institution Syllabus is referred.
- Questioned why Deep learning, Cloud concepts and GenAI are framed in a single Course titled “20CS2E81 - Cloud Deep Learning and GenAI Solutions”. The Programme co-ordinator replied that few Students requested combination of these concepts in a single course and few Industry also requested for such integrated course.

Dr. R. Govindarajan (Professor, IISc, Bangalore - Expert member from Government Organization)

- Appreciated that the course “20CS2E82 - Embedded Artificial Intelligence” content is good and questioned about the Lab component and the Programme Co-ordinator said that it’s a Theory cum Lab course and hence Lab component is added
- Suggested that the course name could be renamed as “20CS2E82 - AI for Edge devices” instead of “20CS2E82 - Embedded Artificial Intelligence”, because the syllabus focusses on it.
- Questioned whether the result analysis pass percentage are compared with the previous year results? The programme co-ordinator replied that result analysis after comparison is found that pass percentage is almost similar to previous year with slight variations.
- Appreciated the syllabus contents of the course titled “20CS2E81 - Cloud Deep Learning and GenAI Solutions” and also suggested to rename the course as “20CS2E81 – Deep learning and Gen AI for Cloud”.
- Appreciated that Specialization & Minor syllabus is pretty good.
- Also suggested to evaluate and access the benefits of Professional Electives courses, Specialization and Minor through placements. Such assessment results will help us to move to next step ahead in designing the syllabus. The small progress in Industry enabled course initially will lead to great benefit in forth coming years.

Mr.N.Sadhasivam (Software Engineer, JP Morgan Chase , Bangalore, Expert from Industry) :

- Questioned about NPTEL Courses and Programme Co-ordinator said presently Students can get Credit transfer for 6 - credits and Students have done NPTEL courses earlier in Odd Semester during their 5th Semester and Students are presently doing NPTEL courses in Even Semester during their present 6th Semester for credit transfer through NPTEL Courses.
- Questioned whether the proposed Professional Elective “20CS2E83 - Identity and Access Management (IAM) & Zero Trust Security” is a theory Course and the Programme Co-coordinator replied that it is a theory Course in Cyber Security Research domain.
- Questioned whether the Professional Elective is compulsory or else choice based. Programme coordinator said that all the Professional elective are Choice Based and a Course with minimum of 15 Students will be offered.

Mr. H. Rajesh Kumar (Delivery Head, VueData Technologies Pvt. Ltd, Chennai - Alumni Representative)

- Suggested that in the Course “20CS2E81 - Cloud Deep Learning and GenAI Solutions”, Combine Generative AI, Cloud & Deep learning rather than saying about separate framework. Also expose on Cloud AI services, so that Students exposure increases.
- He also suggested to include AWS, so that it will make the students practical exposure much closer to Cloud . Programme co-ordinator replied that the suggestion will be incorporated.
- Suggested that CO6 could be revamped for the Course “20CS2E81 - Cloud Deep Learning and GenAI Solutions”.

Snapshots of the 19th BoS Meeting:



19TH BOS MEETING - RECORDING | 19th BOS MEETING - CSE BOA |

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19th BOS MEETING - CSE BOA ... 03-22 10_12 GMT+5_30).mp4

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PLACEMENT & INTERNSHIP

	IV	III
No. of Students Completed Internship Credit Transfer -	174	93
No. of Students Placed (IV Yr) -	103	
No. of Students got Internship through placement -	01 (III Yr)	

3/22/2024

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19TH BOS MEETING - RECORDING | 19th BOS MEETING - CSE BOA |

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19th BOS MEETING - CSE BOA ... 03-22 10_12 GMT+5_30).mp4

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PLACEMENT & INTERNSHIP

	IV	III
No. of Students Completed Internship Credit Transfer -	174	93
No. of Students Placed (IV Yr) -	103	
No. of Students got Internship through placement -	01 (III Yr)	

3/22/2024

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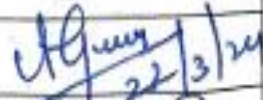
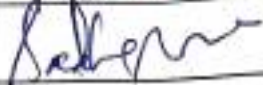
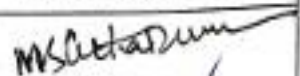
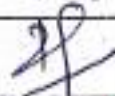
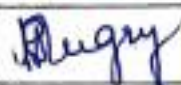
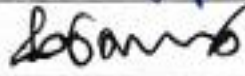
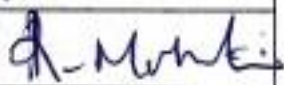
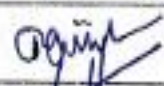
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S.No	Name of the Member	Designation	Signature
1.	Dr.A.Grace Selvarani	Chairperson	
2.	Dr.M.K.Kavitha Devi	University Nominee	
3.	Dr. R. Govindarajan	Expert member from Government Organization	
4.	Mr.Keerthi Ram	Expert members - IIT	- AB -
5.	Mr.N.Sadhasivam	Expert from Industry	
6.	Mr. H. Rajesh Kumar	Alumni Representative	H.R.K.
7.	Dr.M.S.Geetha Devasena	Internal Member	
8.	Dr.P.Perumal	Internal Member	
9.	Dr. J. Selvakumar	Internal Member	J. Selvakumar
10.	Dr.R.Anuradha	Internal Member	
11.	Dr. S. Hari Hara Gopalan	Internal Member	- AB -
12.	Dr.R. Kingsy Grace	Internal Member	
13.	Dr.B.Mathivanan	Internal Member	
14.	Dr.P.Mathiyalagan	Internal Member	P. Math
15.	Dr.R.Madhumathi	Internal Member	
16.	Dr.R.Vijayakumar	Internal Member	
17.	Mrs.G.Rathi	Internal Member	
18.	Mrs.S.Elhiin Freeda	Internal Member	
19.	Mrs.P.Sugantha Priyadharshini	Internal Member	
20.	Mr.Y.J.Ganesh	Internal Member	



SRI RAMAKRISHNA ENGINEERING COLLEGE, COIMBATORE – 22

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[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]

[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]

MINUTES OF THE 16th CSE BOARD OF STUDIES MEETING FOR THE UG B.E(CSE) PROGRAMME HELD ON 26.11.2022 AT 2.00 PM IN ONLINE MODE THROUGH WEBEX PLATFORM

The following members attended the above meeting.

1. Dr.A.Grace Selvarani, Chairperson
2. Dr.M.K.Kavitha Devi, University Nominee
3. Dr. R. Govindarajan, Expert member from Government Organization (IISc)
4. Mr.Keerthi Ram, Expert member – IIT
5. Mr. H. Rajesh Kumar, Alumni Representative
6. Dr.M.S.Geetha Devasena, Internal Member
7. Dr.P.Perumal, Internal Member
8. Dr. J. Selvakumar, Internal Member
9. Dr.R.Anuradha, Internal Member
10. Dr. S. Hari Hara Gopalan, Internal Member
11. Dr.R. Kingsy Grace, Internal Member
12. Dr.B.Mathivanan, Internal Member
13. Dr.P.Mathiyalagan, Internal Member
14. Dr.R.Madhumathi, Internal Member
15. Dr.R.Vijayakumar, Internal Member
16. Mrs.G.Rathi, Internal Member
17. Mrs.M.Karthigha, Internal Member
18. Mrs.K.Dhanashree, Internal Member
19. Mr.Y.J.Ganesh, Internal Member

Prof.Dr.A.GraceSelvarani, Chairperson,Board of Studies, chaired the meeting and welcomed all the members to the 16th BoS meeting.

ITEM No.1:

- It is resolved that Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech. programmes for students admitted in the Academic year 2020.

ITEM No.2

- It is resolved that Revised Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech. programmes for students admitted in the Academic year 2021 & onwards.

ITEM No.3

- It is resolved that the syllabi for the following new Professional Elective courses under Regulations 2020 be approved and passed.
 - 20CS2E09 - Explainable AI
 - 20CS2E29 - IoT and Cloud Security Framework
 - 20CS2E57 - Metaverse

ITEM No.4

- It is resolved that the following new one credit courses will be included under Regulations 2020 for B.E.(CSE) .
 - 20CSI010 Programming – A Transition from College to Industry
 - 20CSI011 Block Chain Technologies -
 - 20CSI012 Agile – Dev Ops methodology
 - 20CSI013 Cloud Migration Strategies with Design Patterns & Architecture
 - 20CSI014 Cyber Security
 - 20CSI015 Full Stack Development with Micro Services
 - 20CSI016 Building Applications in the Cloud
 - 20CSI017 Artificial Intelligence – Disrupting and transforming Industries

ITEM No.5

- It is resolved that the following NPTEL courses are approved for credit transfer during December 2022

- The following NPTEL courses have been approved as Credit Transfer Online Courses for this Academic Year 2022-2023 ODD semester for II, III students.

S.NO	Course Name	Resource Person	Institute	Duration
1	Software Testing	Prof. Meenakshi D'souza	IITB	12 Weeks
2	Theory of Computation	Prof. Raghunath Tewari	IITK	8 Weeks
3	Big Data Computing	Prof. Rajiv Misra	IIT Patna	8 Weeks
4	Python for Data Science	Prof. Ragunathan Rengasamy	IITM	4 Weeks
5	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	12 Weeks
6	Deep Learning for Computer Vision	Prof. Vineeth N Balasubramanian	IITH	12 Weeks
7	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	Prof. Prabha Mandayam Prof. Anupama Ray Prof. Sheshashayee Raghunathan	IBM and IITM	4 Weeks
8	Computer Vision	Prof. Jayanta Mukhopadhyay	IITKGP	12 Weeks
9	Cryptography And Network Security	Prof. Sourav Mukhopadhyay	IITKGP	12 Weeks
10	Embedded System Design With ARM	Prof. Indranil Sengupta Prof. Kamalika Datta	IITKGP	8 Weeks
11	Natural Language Processing	Prof. Pawan Goyal	IITKGP	12 Weeks
12	Real-Time Systems	Prof. Rajib Mall Prof. Durga Prasad Mohapatra	IITKGP	12 Weeks
13	Multi-Core Computer Architecture - Storage and Interconnects	Prof. John Jose	IITG	8 weeks
14	Algorithmic Game Theory	Prof. Palash Dey	IITKGP	12 Weeks
15	Deep Learning - IIT Ropar	Prof. Mitesh M. Khapra Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks
16	Design & Implementation of Human-Computer Interfaces	Prof. Samit Bhattacharya	IITG	12 Weeks

ITEM No.6

- It is resolved that the Result Analysis for the Academic Year 2021 – 2022 are approved and passed.

ODD SEMESTER				
SEMESTER	NO.OF STUDENTS REGISTERED IN ALL THE SUBJECTS	NO.OF STUDENTS APPEARED IN ALL THE SUBJECTS	NO.OF STUDENTS PASSED IN ALL SUBJECTS	OVERALL PERCENTAGE %
I	187	187	151	80.75
III	192	189	176	93.12
V	201	201	195	97.01
VII	202	199	191	95.98
EVEN SEMESTER				
SEMESTER	NO.OF STUDENTS REGISTERED IN ALL THE SUBJECTS	NO.OF STUDENTS APPEARED IN ALL THE SUBJECTS	NO.OF STUDENTS PASSED IN ALL SUBJECTS	OVERALL PERCENTAGE %
II	188	187	119	63.64
IV	192	188	130	69.15
VI	200	197	164	83.25
VIII	202	201	200	99.5

ITEM No.7

- It is resolved that the Degree awarded details for the Academic Year 2021 – 2022 are approved and passed.

Degree Awardees	No. of Students
Total No. of Students	202
Eligible Students for Degree awarded from University	190
Students above CGPA:9.0	5
Students above CGPA:8.0	78
Students above CGPA:7.0	101
Percentage of Degree Awarded = 94. 05 %	

ITEM No.8

- It is resolved that the Revised Uniform Evaluation Method of Students based on Relative Grading, as per the communications received from Anna University, Chennai (Letter No. 5883/AU/CAC/Rel.Grading/2022 dated : 26.09.2022) be approved and passed.

Assessment Weightage			
S. No	Component	CIA	End Sem
1	Theory	40	60
2	Laboratory	60	40
3	Theory cum Laboratory	50	50

ITEM No.9 :

- It is resolved that Award of UG (Hons) with Specialization and UG with Minor be implemented as approved by the Academic Council of Anna University, Chennai for the UG students who have joined from the Academic Year 2021 – 2022 for all B.E./B.Tech. programmes for students admitted in the Academic year 2020 & onwards.
1. B.E. / B.Tech. (Honours) in the same discipline
 2. B.E. / B.Tech. (Minor) in other specialization and
- **Norms for B.E. / B.Tech. (Hons) specialization in the same discipline and B.E. / B.Tech. (Minor) in other specialization**
- i) B.E. / B.Tech. (Hons) specialization in the same discipline**
- a) The student should have earned additionally a minimum of 20 credits from a vertical of the same programme
 - b) Should have passed all the courses in the first attempt
 - c) Should have earned a minimum CGPA of 7.50.
- ii) B.E. / B.Tech. (Minor) in other specialization**
- a) The student should have earned additionally a minimum of 20 credits in any one of the verticals of other B.E./B.Tech programmes.
 - Students can earn maximum of 6 credits in online mode (SWAYAM platform) out of these 20 credits as approved by Chairperson of Board of Studies / Academic Council.
 - B.E. / B.Tech. (Hons) specialization in the same discipline, B.E. / B.Tech. (Hons) and B.E. / B.Tech. (Minor) in other specialization degree will be optional for students.

- Students will be permitted to register Specialization / Minor courses from 4th / 5th semester onwards. The eligibility criteria will be the (N-1)th semester performance.

The following specialization / minors are proposed from 2021 – 2022 and onwards.

Under Graduate Engineering Programme	Name of the Specialization/Minor Degree	Permitted to offer
Computer Science and Engineering	Virtual and Augmented Reality	Specialization
	Cyber Security	Specialization
	Data Science	Minor
	Artificial Intelligence and Machine Learning	Minor

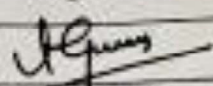
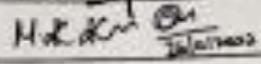
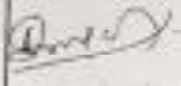
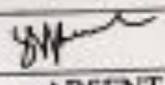
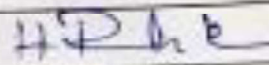
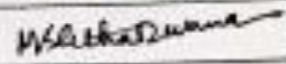
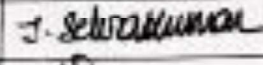
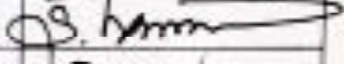
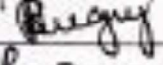
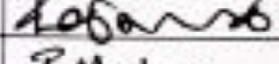
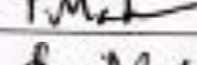
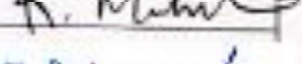
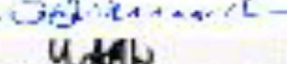
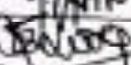
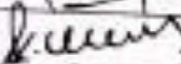
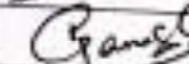
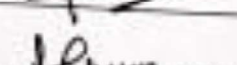
CLASSIFICATION OF DEGREE for students who opted for Specialization / Minors

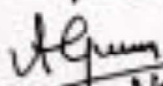
1. First Class with Distinction					
Degree	Duration of the Programme	Duration Permitted	Additional credits above the requirement of curriculum	CGPA	Pass in
B.E./B.Tech. Regular	4 years	5 years	-	8.50	First Attempt
B.E./B.Tech. Lateral Entry	3 years	4 years	-	8.50	First Attempt
B.E. / B.Tech. (Hons) specialization in the same discipline	3 / 4 years (Lateral Entry/ Regular respectively)	4 / 5 years (Lateral Entry/ Regular respectively)	20 credits from any one vertical of the same programme	8.50	First Attempt
B.E. / B.Tech. (Hons)	3 / 4 years (Lateral Entry/ Regular respectively)	4 / 5 years (Lateral Entry/ Regular respectively)	20 credits from more than one verticals of the same programme	8.50	First Attempt
B.E. / B.Tech. (Minor) in other specialization	3 / 4 years (Lateral Entry/ Regular respectively)	4 / 5 years (Lateral Entry/ Regular respectively)	20 credits from any one vertical of the other programme	8.50	First Attempt

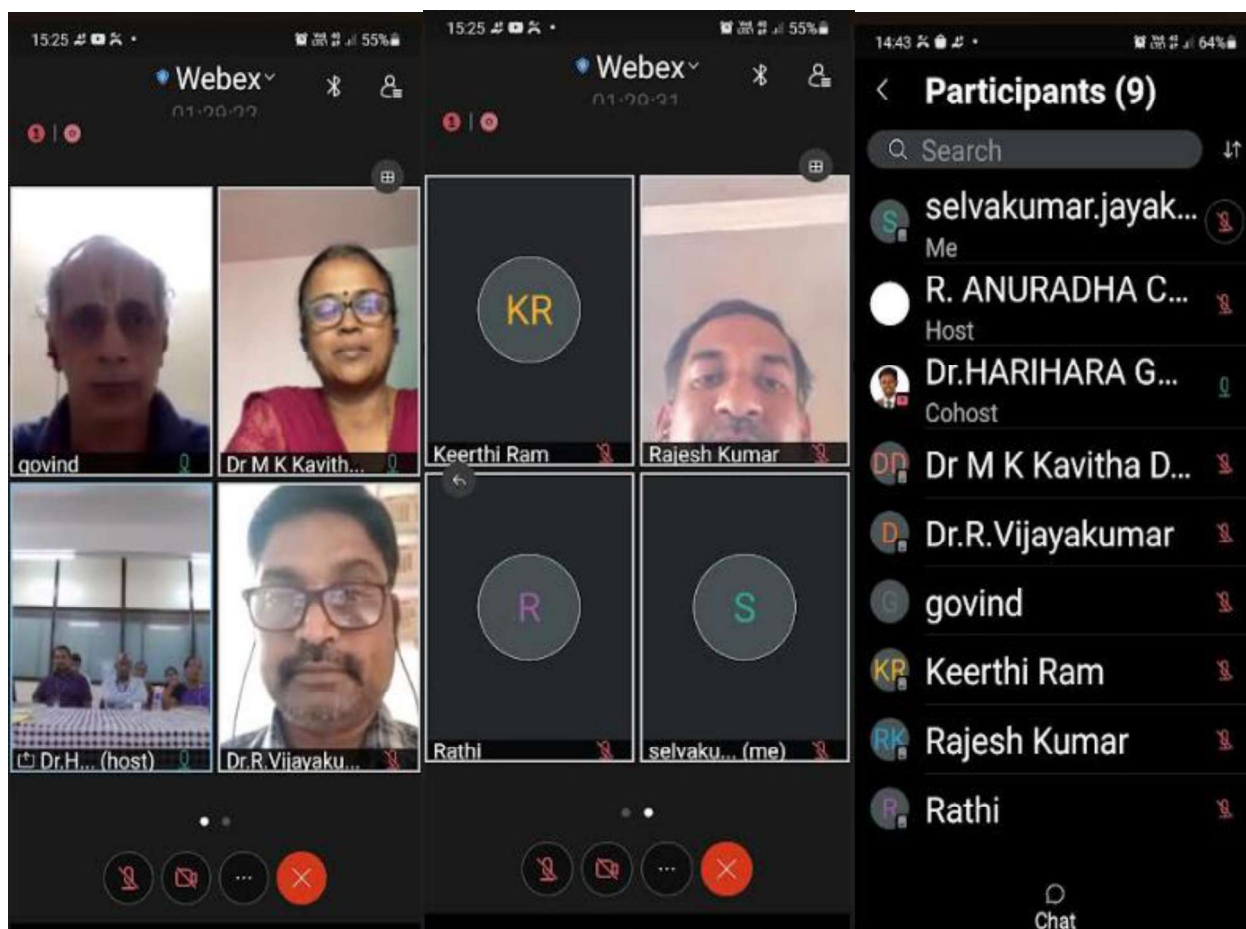
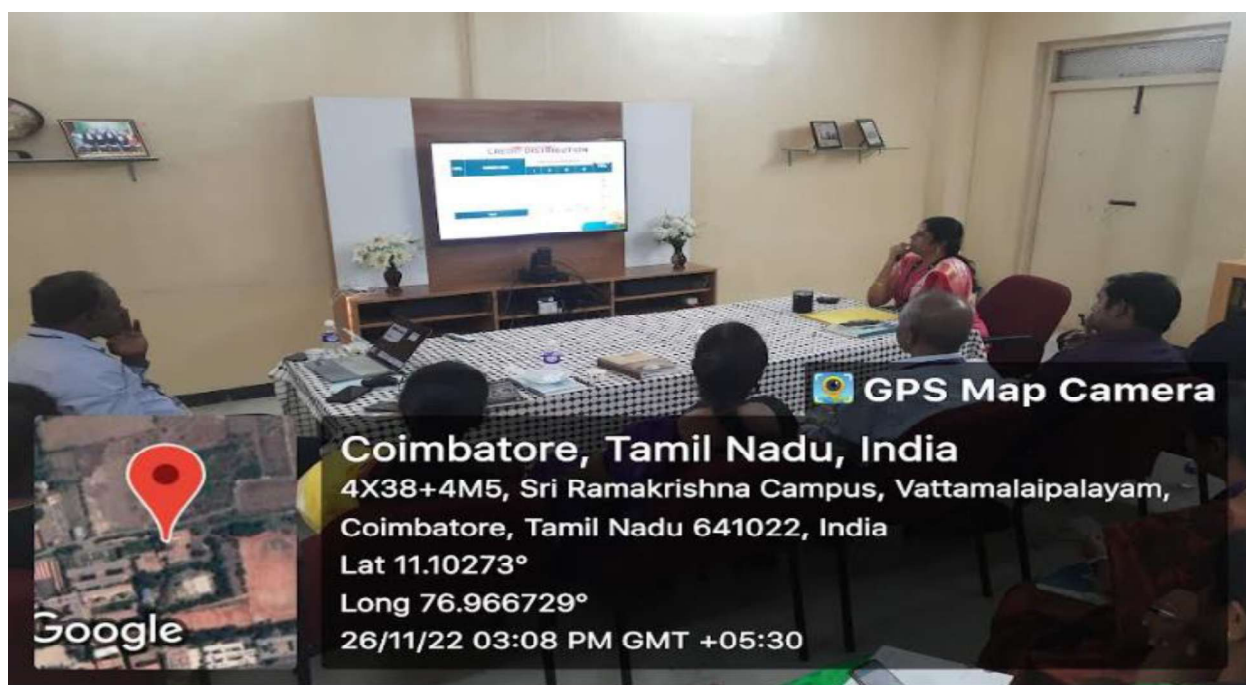
2. First Class					
B.E./B.Tech. Regular	4 years	5 years	-	6.50	-
B.E./B.Tech. Lateral Entry	3 years	4 years	-	6.50	-
B.E. / B.Tech. (Hons) specialization in the same discipline	3 / 4 years (Lateral Entry/ Regular respectively)	4/5 years (Lateral Entry/ Regular respectively)	20 credits from any one vertical of the same programme	7.50	First Attempt
B.E. / B.Tech. (Hons)	3 / 4 years (Lateral Entry/ Regular respectively)	4/5 years (Lateral Entry/ Regular respectively)	20 credits from more than one verticals of the same programme	7.50	First Attempt
B.E. / B.Tech. (Minor) in other specialization	3 / 4 years (Lateral Entry/ Regular respectively)	4/5 years (Lateral Entry/ Regular respectively)	20 credits from any one vertical of the other programme	6.50	-
3. Second Class					
B.E./B.Tech. Regular / lateral entry and B.E./B.Tech. minor in other specialization degree students (not covered in first class with distinction and first class classification of degree) who qualify for the award of degree shall be declared to have passes examination in second class.					
4. Others					
Students earned additional 20 credits but does not satisfy the conditions mentioned in first class with distinction and first class classification of degree shall not be awarded B.E. / B.Tech. Honours. In such cases the mark sheet will show the additional courses studied and those courses shall not be considered for CGPA computation. In such case, if the student becomes eligible for first class, while computing CGPA without taking into account the additional courses studied, the student shall be awarded B.E. / B.Tech. in First Class only.					

Suggestion by Expert Members Dr. R. Govindarajan (Professor, IISc, Bangalore - Expert member from Government Organization) , Dr.M.K.Kavitha Devi (Professor, Thiagarajar College of Engineering, Madurai - University Nominee), Mr. H. Rajesh Kumar (Delivery Head, VueData Technologies Pvt. Ltd, Chennai - Alumni Representative), Mr.Keerthi Ram (Computational healthcare group of Healthcare Technology Innovation Centre, IIT Madras - Expert member) :

- The External Members appreciated the following New Electives under Regulations 2020
 - 20CS2E09 - Explainable AI
 - 20CS2E29 - IoT and Cloud Security Framework
 - 20CS2E57 - Metaverse
- **Dr.R.Govindarajan & Dr.M.K.Kavitha Devi** enquired about the Industry offered one credit Courses and also about the Evaluation pattern of it. The Chair person said it's mandatory for all Students to have minimum one number of one credit course and if a Students successfully completes three number of one credit Courses, then the Student will be eligible for a credit transfer of one Professional Elective during his VII Semester. The evaluation of this one credit course is done by the Industry expert as per his plan either in the form of a Quiz, MCQ, Assignments etc...
- **Dr.R.Govindarajan & Dr.M.K.Kavitha Devi** enquired about the NPTEL Courses for the credit transfer. Chair Person said that the Student who scores above 8CGPA is eligible for NPTEL credit transfer and around 56 Students have got credit transfer in that Semester.
- **Dr.R.Govindarajan** appreciated that the degree awarded percentage 94.5% in the academic year 2021-2022 in good.
- **Dr.R.Govindarajan & Dr.M.K.Kavitha Devi** enquired about the revised Uniform evaluation method and Chair person said its followed as per Anna University Guidelines.
- **Dr.R.Govindarajan & Dr.M.K.Kavitha Devi** appreciated the Award of UG (Hons) with Specialization and UG with Minor.
- **Dr.R.Govindarajan** enquired whether it's a dual degree for M.Tech (CSE – 5 Year Integrated Programme) , The chair person said it is followed as per the AICTE Guidelines as a integrated Programme.

S.No	Name of the Member	Designation	Signature
1.	Dr.A.Grace Selvarani	Chairperson	
2.	Dr.M.K.Kavitha Devi	University Nominee	
3.	Dr. R. Govindarajan	Expert member from Government Organization	
4.	Mr.Keerthi Ram	Expert members - IIT	
5.	Mr.N.Sadhasivam	Expert from Industry	ABSENT
6.	Mr. H. Rajesh Kumar	Alumni Representative	
7.	Dr.M.S.Geetha Devasena	Internal Member	
8.	Dr.P.Perumal	Internal Member	
9.	Dr.J.Selvakumar	Internal Member	
10.	Dr.R.Anuradha	Internal Member	
11.	Dr. S. Hari Hara Gopalan	Internal Member	
12.	Dr.R. Kingsy Grace	Internal Member	
13.	Dr.B.Mathivanan	Internal Member	
14.	Dr.P.Mathiyalagan	Internal Member	
15.	Dr.R.Madhumathi	Internal Member	
16.	Dr.R.Vijayakumar	Internal Member	
17.	Mrs.G.Rathi	Internal Member	
18.	Mrs.M.Karthiga	Internal Member	
19.	Mrs.K.Dhanashree	Internal Member	
20.	Mr.Y.J.Ganesh	Internal Member	


 26/11/22
 CHAIRPERSON
 BOARD OF STUDIES
 Department of CSE





SRI RAMAKRISHNA ENGINEERING COLLEGE, COIMBATORE – 22

[Educational Service : SNR Sons Charitable Trust]

[Autonomous Institution, Reaccredited by NAAC with 'A+' Grade]

[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]

[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]

MINUTES OF THE 17th CSE BOARD OF STUDIES MEETING FOR THE UG B.E(CSE) PROGRAMME HELD ON 21.04.2023 AT 2.00 PM IN CSE BLOCK, BOARD ROOM.

The following members attended the above meeting.

1. Dr.A.Grace Selvarani, Chairperson
 2. Dr.M.K.Kavitha Devi, University Nominee
 3. Dr. R. Govindarajan, Expert member from Government Organization (IISc)
 4. Mr.Keerthi Ram, Expert member – IIT
 5. Mr.N.Sadhasivam, Expert from Industry
 6. Mr. H. Rajesh Kumar, Alumni Representative
 7. Dr.M.S.Geetha Devasena, Internal Member
 8. Dr.P.Perumal, Internal Member
 9. Dr. J. Selvakumar, Internal Member
 10. Dr.R.Anuradha, Internal Member
 11. Dr. S. Hari Hara Gopalan, Internal Member
 12. Dr.R. Kingsy Grace, Internal Member
 13. Dr.B.Mathivanan, Internal Member
 14. Dr.P.Mathiyalagan, Internal Member
 15. Dr.R.Madhumathi, Internal Member
 16. Dr.R.Vijayakumar, Internal Member
 17. Mrs.G.Rathi, Internal Member
 18. Mrs.M.Karthigha, Internal Member
 19. Mrs.K.Dhanashree, Internal Member
 20. Dr.D.Manjula, Internal Member
- Prof.Dr.A.GraceSelvarani, Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 17th BoS meeting. Programme Co-ordinator disseminated the Vision, Mission, PO,PSO & PEO of the Department.

S.No	Course Code & Course Name	Industry Offereing the Course
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- Programme Coordinator presented the PEO & Mission Correlation Matrix and the Members approved it.

ITEM No.1

- It is resolved that Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech. programmes for students admitted in the Academic year 2020.

ITEM No.2

- It is resolved that (Revised) Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech. programmes for students admitted in the Academic year 2021 & onwards

ITEM No.3

- It is resolved that the syllabi for the following new Professional Elective courses under (Revised) Regulations 2020 be approved and passed
 - 20CS2E18 Time Series Analysis and Forecasting
 - 20CS2E37 – J2EE and Advanced Java Programming
 - 20CS2E49 - Software Automation Tools

ITEM No.4

- It is resolved that the syllabi for the following new Open Elective courses under (Revised) Regulations 2020 be approved and passed.
 - 20CS2E66 Foundations of AR & VR

ITEM No.5

- It is resolved that the following new one credit courses will be included under (Revised) Regulations 2020 for B.E.(CSE)

1	20CSI019 - Gaming 101: Fundamentals and Hands - On Practice	Mr.Mohammed Fayas Zynga Game Network India, Bengaluru
2	20CSI020 - Data Migration Basics and Methodology	Mr.Tarun Syniti, Bangalore
3	20CSI021- Understanding Cloud and Deployments in Organisations	Mr. Aravind. K. R Trimble Inc., Chennai
4	20CSI022 - Understanding Software Design & Architecture	Mr.Senthilkumar Paulchamy Maersk Global Service Centre Pvt Ltd, Bengaluru
5	20CSI023 - Backend with Node.js	Mr.Sathish Aravind Zetwerk, Bengaluru
6	20CSI024 - Consumer Products and Retail	Mr. Santhosh Naganathan Capgemini, Bengaluru
7	20CSI025 - Industry perspectives of Agile & DevOps	Mr. A. Jeyaraman CTS,Coimbatore
8	20CSI026 - Industry Readiness - Exposure of Tools & Technologies	Mr. Sriram.R Amazon, Chennai
9	20CSI027 - Institute to Industry	Mr.Babu Palanisamy, Mr.Gokul Prasanth Jayaprakash, Mr.Sanjai T Surendran, Robert Bosch, ,Coimbatore
10	20CSI028 - Full Stack, Cloud & IoT	Mr. Kumaravel Capgemini Engineering

ITEM No.6

- It is resolved that the following NPTEL courses are approved for credit transfer during April/may 2023
- The following NPTEL courses have been approved as Credit Transfer Online Courses for this Academic Year 2022-2023 EVEN semester for II, III year students

S.NO	NPTEL Course Code	NPTEL Course Title	SME Name	Institute	Duration	Credits
1	noc23-cs03	Foundations of Cryptography	Prof. Ashish Choudhury	IIIT Bangalore	12 Weeks	3
2	noc23-cs04	Quantum Algorithms and Cryptography	Prof. Shweta Agrawal	IITM	12 Weeks	3
3	noc23-cs10	Information Security - 5 - Secure Systems Engineering	Prof. Chester Robeiro	IITM	8 Weeks	2
4	noc23-cs13	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIITD	12 Weeks	3

S.NO	NPTEL Course Code	NPTEL Course Title	SME Name	Institute	Duration	Credits
5	noc23-cs14	AI:Constraint Satisfaction	Prof. Deepak Khemani	IITM	8 Weeks	2
6	noc23-cs23	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	12 Weeks	3
7	noc23-cs24	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	3
8	noc23-cs28	Introduction to parallel programming with OpenMP and MPI	Prof. Yogish Sabharwal	IITD	8 Weeks	2
9	noc23-cs44	Ethical Hacking	Prof. Indranil Sengupta	IITKGP	12 Weeks	3
10	noc23-cs45	Natural Language Processing	Prof. Pawan Goyal	IITKGP	12 Weeks	3
11	noc23-cs47	Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IITKGP	12 Weeks	3
12	noc23-cs56	Deep Learning	Prof. Prabir Kumar Biswas	IITKGP	12 Weeks	3
13	noc23-cs61	GPU Architectures And Programming	Prof. Soumyajit Dey	IITKGP	12 Weeks	3
14	noc23-cs62	Foundations of Cyber Physical Systems	Prof. Soumyajit Dey	IITKGP	12 Weeks	3

ITEM No.7

- It is resolved that the Result Analysis for the Academic Year 2022 – 2023 (Semesters VII / V/ III) are approved and passed.

ODD SEMESTER				
SEMESTER	NO.OF STUDENTS REGISTERED IN ALL THE SUBJECTS	NO.OF STUDENTS APPEARED IN ALL THE SUBJECTS	NO.OF STUDENTS PASSED IN ALL SUBJECTS	OVERALL PERCENTAGE %
I	-	-	-	-
III	201	199	139	69.85
V	191	186	166	89.25

VII	197	197	193	97.96
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ITEM No.8

- It is resolved that the following Honors Specialization / minor be approved in B.E. (CSE) Programme.

Name of the Specialization/Minor Degree	Permitted to offer
Virtual and Augmented Reality	Specialization
Cyber Security	Specialization
Data Science	Specialization
Artificial Intelligence and Machine Learning	Specialization

ITEM No.9

- It is resolved that One Credit Industry oriented courses to be included for the completion of 2 credits to be earned under Clause 12 of (Revised) Regulation 2020 for Industrial Training / Internship under the Employability Enhancement Category.

ITEM No.10

- It is resolved that the following Tamil Courses and its syllabi as recommended by Anna University, Chennai be approved to be included as the Mandatory courses.
1. Heritage of Tamils
 2. Tamils and Technology

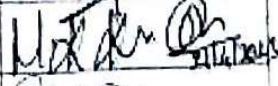
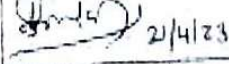
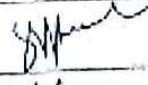
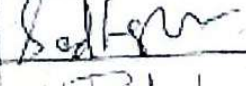
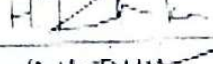
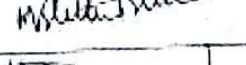
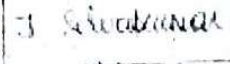
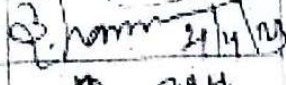
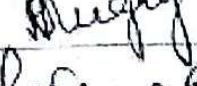
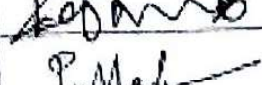
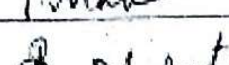
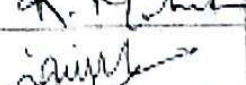
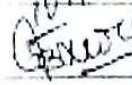
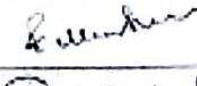
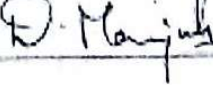
Suggestion by Expert Members:

Dr. R. Govindarajan (Professor, IISc, Bangalore - Expert member from Government Organization) , Dr.M.K.Kavitha Devi (Professor, Thiagarajar College of Engineering, Madurai - University Nominee), Mr. H. Rajesh Kumar (Delivery Head, VueData Technologies Pvt. Ltd, Chennai - Alumni Representative), Mr.Keerthi Ram

(Computational healthcare group of Healthcare Technology Innovation Centre, IIT Madras - Expert member), Mr.N.Sadhasivam (Software Engineer, JP Morgan Chase , Bangalore, Expert from Industry) :

- Dr.M.K.Kavitha Devi suggested that the Open Elective Course titled “**20CS2E66 FOUNDATIONS OF AR/VR**” could be a **Theory cum Lab Course instead of Theory Course** alone.
- Dr.Govindarajan asked about the **maximum number of One credit Course** a Student can pursue in his period of Study. Chair person said that maximum limit is not fixed and generally a Student pursues up to 4 One Credit courses in his period of Study.
- Dr.Govindarajan enquired about the **NPTEL Course - Credit transfer** by Students.
- Dr.M.K.Kavitha Devi enquired about the **low pass percentage in III Semester** result analysis of Students
- Dr.M.K.Kavitha Devi & Dr.Govindarajan discussed about the **Specialization Courses** for B.E(CSE) Programme
- Dr.M.K.Kavitha Devi & Dr.Govindarajan discussed about the **Internship credit transfer**
- Dr.M.K.Kavitha Devi suggested to **get help from sister concern, Sri Ramakrishna Arts & Science College , Tamil department** for the course “**Heritage of Tamils**“, “**Tamils and Technology**”.
- Mr.N.Sadhasivam discussed about the **Cloud Computing** Course to Students
- Mr. H. Rajesh Kumar discussed about the **Artificial Intelligence** course

- Mr.Keerthiram discussed about the **advanced topics of the new three Professional electives**, 20CS2E18 - Time Series Analysis and Forecasting , 20CS2E37 – J2EE and Advanced Java Programming, 20CS2E49 - Software Automation Tools
- The **Members appreciated the efforts of adding recent advanced Industry readiness courses** in to the curriculum

S.No	Name of the Member	Designation	Signature
1.	Dr.A.Grace Selvarani	Chairperson	
2.	Dr.M.K.Kavitha Devi	University Nominee	
3.	Dr. R. Govindarajan	Expert member from Government Organization	 21/4/23
4.	Mr.Keerthi Ram	Expert members - IIT	
5.	Mr.N.Sadhasivam	Expert from Industry	
6.	Mr. H. Rajesh Kumar	Alumni Representative	
7.	Dr.M.S.Geetha Devasena	Internal Member	
8.	Dr.P.Perumal	Internal Member	
9.	Dr. J. Selvakumar	Internal Member	
10.	Dr.R.Anuradha	Internal Member	
11.	Dr. S. Hari Hara Gopalan	Internal Member	 21/4/23
12.	Dr.R. Kingsy Grace	Internal Member	
13.	Dr.B.Mathivanan	Internal Member	
14.	Dr.P.Mathiyalagan	Internal Member	
15.	Dr.R.Madhumathi	Internal Member	
16.	Dr.R.Vijayakumar	Internal Member	
17.	Mrs.G.Rathi	Internal Member	
18.	Mrs.M.Karthigha	Internal Member	
19.	Mrs.K.Dhanashree	Internal Member	
20.	Dr.D.Manjula	Internal Member	



SRI RAMAKRISHNA ENGINEERING COLLEGE, COIMBATORE – 22

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MINUTES OF THE 15th CSE BOARD OF STUDIES MEETING FOR THE UG B.E(CSE) PROGRAMME HELD ON 26.02.2022 AT 10.30 AM IN OFFLINE AND ONLINE MODE THROUGH WEBEX PLATFORM

The following members attended the above meeting.

1. Dr.A.Grace Selvarani, Chairperson
2. Dr.M.K.Kavitha Devi, University Nominee
3. Dr. R. Govindarajan, Expert member from Government Organization (IISc)
4. Mr.Keerthi Ram, Expert member – IIT
5. Mr.N.Sadhasivam, Expert from Industry
6. Mr. H. Rajesh Kumar, Alumni Representative
7. Dr.M.S.Geetha Devasena, Internal Member
8. Dr.P.Perumal, Internal Member
9. Dr. J. Selvakumar, Internal Member
10. Dr.R.Anuradha, Internal Member
11. Dr. S. Hari Hara Gopalan, Internal Member
12. Dr.R. Kingsy Grace, Internal Member
13. Dr.B.Mathivanan, Internal Member
14. Dr.P.Mathiyalagan, Internal Member
15. Dr.R.Madhumathi, Internal Member
16. Dr. R. Kanagaraj, Internal Member
17. Dr.R.Vijayakumar, Internal Member
18. Dr. Guhan, Internal Member
19. Mrs. M. Karthigha, Internal Member
20. Mr.Y.J.Ganesh, Internal Member

Prof.Dr.A.GraceSelvarani, Chairperson,Board of Studies, chaired the meeting and welcomed all the members to the 15th BoS meeting. After a brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

ITEM No.1:

- It is resolved that Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech. programmes for students admitted in the Academic year 2020 & onwards.

ITEM No.2:

- It is resolved that the following new one credit courses will be included under Regulations 2020 for B.E.(CSE) programme.
- IBM Z Systems and Cloud Workloads, IBM, Bengaluru
 - Agile – Devops Methodology, IBM, Bengaluru
 - Design Thinking, SP Jain school of Global Management, Dubai
- The following new one credit courses will be included under Regulations 2016 for B.E.(CSE) programme.
- 16CSI018 - IBM Z Systems and Cloud Workloads, IBM, Bengaluru
 - 16CSI018 - Agile – Devops Methodology, IBM, Bengaluru
 - 16CSI018 - Design Thinking, SP Jain school of Global Management, Dubai

ITEM No. 3:

- It is resolved that the following NPTEL courses are approved for credit transfer during December 2021

S.NO	COURSE NAME	RESOURCE PERSON	INSTITUTE	DURATION
1.	Scalable Data Science	Prof. Anirban Dasgupta Prof. Sourangshu Bhattacharya	IITKGP	8 Weeks
2.	Introduction to internet of things	Prof. Sudip Misra	IITKGP	12 Weeks
3.	Introduction to Industry 4.0 and Industrial Internet of Things	Prof. Sudip Misra	IITKGP	12 Weeks
4.	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	12 Weeks
5.	Deep learning - IITRopar	"Prof. Sudarshan Iyengar Prof. Padmavati"	IIT Ropar	12 Weeks
6.	Introduction To Haskell Programming	Prof. S. P Suresh	CMI	8 Weeks
7.	Multi-Core Computer Architecture – Storage and Interconnects	Prof. John Jose	IITG	8 Weeks
8.	Modern Algebra	Prof. Manindra Agrawal	IITK	8 Weeks
9.	Computational Complexity	Prof. Subrahmanyam Kalyanasundaram	IIT Hyderabad	12 Weeks

10.	Secure Computation: Part I	Prof. Ashish Choudhury	IIITB	12 Weeks
11.	Deep Learning for Computer Vision	Prof. Vineeth N Balasubramanian	IIT Hyderabad	12 Weeks
12.	Algorithms for protein modelling and engineering	Prof. Pralay Mitra	IITKGP	12 Weeks
13.	Computer Vision	Prof. Jayanta Mukhopadhyay	IITKGP	12 Weeks
14.	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	Prof. Prabha Mandayam Prof. Anupama Ray Prof. Sheshashayee Raghunathan	IBM and IITM	4 weeks
15.	Probability for Computer Science	Prof. Nitin Saxena	IITK	8 Weeks

➤ It is resolved that the NPTEL courses are approved for credit transfer during May 2022.

S.N O	Course Name	Resource Person	Institute	Duration
1	Artificial Intelligence: Knowledge Representation And Reasoning	Prof. Deepak Khemani	IITM	12 Weeks
2	Foundations of Cryptography	Prof. Ashish Choudhury	IIIT Bangalore	12 Weeks
3	AI:Constraint Satisfaction	Prof. Deepak Khemani	IITM	8 Weeks
4	GPU Architectures and Programming	Prof. Soumyajit Dey	IITKGP	12 Weeks
5	Ethical Hacking	Prof. Indranil Sengupta	IITKGP	12 Weeks
6	User-centric Computing for Human-Computer Interaction	Prof. Samit Bhattacharya	IITG	8 Weeks
7	Advanced Graph Theory	Prof. Rajiv Misra	IIT Patna	8 Weeks
8	Introduction to parallel programming with OpenMP and MPI	Prof. Yogish Sabharwal	IITD	4 Weeks + 4Weeks(New)
9	Deep Learning	Prof. Prabir Kumar Biswas	IITKGP	12 Weeks
10	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	12 Weeks
11	Deep Learning - IIT Ropar	Prof. Sudarshan	IIT Ropar	12 Weeks

		Iyengar Prof. Sanatan Sukhija		
12	Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IITKGP	12 Weeks
13	Hardware Security	Prof. Debdeep Mukhopadhyay	IITKGP	12 Weeks
14	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IITKGP	12 Weeks
15	Introduction To Soft Computing	Prof. Debasis Samanta	IITKGP	8 Weeks
16	Object Oriented System Development Using UML, Java And Patterns	Prof. Rajib Mall	IITKGP	12 Weeks

ITEM No 4:

- It is resolved that the curriculum and syllabi be approved for the Specialization / minor in degree programme

Specialization in AR/VR

S.No	Course Title	Credits	Mode of Delivery	Offered by
THEORY				
1.	Virtual Reality/Augmented Reality/MixedReality/Extended Reality	3	Class	SREC
2.	Game Programming	3	Class	SREC
3.	UI/UX Design for Augmented and Virtual reality	3	Class	SREC
THEORY CUM LABORATORY				
4.	Mobile App Development for VR (30T+15P)	3	Class + Lab	SREC
5.	AR apps in Unity	3	Class + Lab	SREC
6.	3D Virtual Environment	3	Class + Lab	SREC

	(35 T+15P)			
PRACTICALS				
7.	AR Tools Lab	1	Lab	SREC
8.	VR Tools Lab	1	Lab	SREC

MINOR IN AI/ML

S.No	Course Title	Credits	Mode of Delivery	Offered by
THEORY				
1.	Artificial Intelligence and its Applications	3	Class	SREC
2.	Foundations of Natural Language Processing	3	Class	SREC
3.	Foundations of Reinforcement Learning	3	Class	SREC
THEORY CUM LABORATORY				
4.	Machine Learning Techniques	3	Class + Lab	SREC
5.	Neural Networks and Deep Learning	3	Class + Lab	SREC
6.	Robotic Process and Intelligent Automation	3	Class + Lab	SREC
PRACTICALS				
7.	AI Tools and Frameworks	1	Lab	SREC
8.	Embedded AI	1	Lab	SREC

ITEM No 5:

- Amendment to Clause 35 of B.E./B.Tech programmes under Regulations 2020 for the 2020 – 2021 admitted students only.

For mandatory courses every student shall put in the required attendance and training as per the course requirement. However, the successful completion of one course from Personality and Character Development category (Or) one course from Allied Skills category is sufficient in

addition to mandatory [EEC] Employment Enhancement Courses / department allied courses as prescribed in the curriculum of the programme concerned for the award of degree.

This decision are taken as ONE TIME MEASURE and with due approval from the Academic Council Standing Committee / Competent authority for the 2020 – 2021 admitted Students only.

ITEM No 6: R2016

- It is resolved that Regulation 2016 (Version 1.0) will be followed (Choice Based Credit System) for all B.E./B.Tech. programmes for students admitted during the Academic year 2018-2019 and 2019-2020.

ITEM No 6:

- Amendment to Clause 3 of B.E./B.Tech programmes under Regulations 2016.

The clause 13 of Regulation 2016 V-1.0 (Choice Based Credit System) shall be completely exempted for the candidates admitted during the year 2018 – 2019 and 2019 – 2020 and they are permitted to appear for all the reappearance examinations in the subsequent semester up to the maximum period of study.

This decisions are taken as ONE TIME MEASURE and with due approval from the academic council standing committee / competent authority.

- Amendment to Clause 15.3 of B.E./B.Tech programmes under Regulations 2016.

Clause	Existing	Amended
15.3	The student who fails in the laboratory course shall repeat the same in the subsequent semester and repeat the laboratory course again.	If a candidate fails to secure a pass or is absent for the end semester examinations in the laboratory course he/she shall do reappearance registration for that laboratory course in the subsequent semester / when offered next. This is applicable for the candidates admitted under Regulations 2016.

ITEM No: 7:

- It is resolved that the following NPTEL courses are approved for credit transfer during December 2021.

S.NO	COURSE NAME	RESOURCE PERSON	INSTITUTE	DURATION
1.	Scalable Data Science	"Prof. Anirban Dasgupta Prof. Sourangshu Bhattacharya"	IITKGP	8 Weeks
2.	Introduction to internet of things	Prof. Sudip Misra	IITKGP	12 Weeks
3.	Introduction to Industry 4.0 and Industrial Internet of Things	Prof. Sudip Misra	IITKGP	12 Weeks
4.	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	12 Weeks
5.	Deep learning - IITRopar	"Prof. Sudarshan Iyengar Prof. Padmavati"	IIT Ropar	12 Weeks
6.	Introduction To Haskell Programming	Prof. S. P Suresh	CMI	8 Weeks
7.	Multi-Core Computer Architecture – Storage and Interconnects	Prof. John Jose	IITG	8 Weeks
8.	Modern Algebra	Prof. Manindra Agrawal	IITK	8 Weeks
9.	Computational Complexity	Prof. Subrahmanyam Kalyanasundaram	IIT Hyderabad	12 Weeks
10.	Secure Computation: Part I	Prof. Ashish Choudhury	IIITB	12 Weeks
11.	Deep Learning for Computer Vision	Prof. Vineeth N Balasubramanian	IIT Hyderabad	12 Weeks
12.	Algorithms for protein modelling and engineering	Prof. Pralay Mitra	IITKGP	12 Weeks
13.	Computer Vision	Prof. Jayanta Mukhopadhyay	IITKGP	12 Weeks
14.	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	Prof. Prabha Mandayam Prof. Anupama Ray Prof. Sheshashayee Raghunathan	IBM and IITM	4 weeks
15.	Probability for Computer Science	Prof. Nitin Saxena	IITK	8 Weeks

- It is resolved that the NPTEL courses are approved for credit transfer during May 2022.

S.N O	Course Name	Resource Person	Institute	Duration
1	Artificial Intelligence: Knowledge Representation And Reasoning	Prof. Deepak Khemani	IITM	12 Weeks
2	Foundations of Cryptography	Prof. Ashish Choudhury	IIIT Bangalore	12 Weeks
3	AI:Constraint Satisfaction	Prof. Deepak Khemani	IITM	8 Weeks
4	GPU Architectures and Programming	Prof. Soumyajit Dey	IITKGP	12 Weeks
5	Ethical Hacking	Prof. Indranil Sengupta	IITKGP	12 Weeks
6	User-centric Computing for Human-Computer Interaction	Prof. Samit Bhattacharya	IITG	8 Weeks
7	Advanced Graph Theory	Prof. Rajiv Misra	IIT Patna	8 Weeks
8	Introduction to parallel programming with OpenMP and MPI	Prof. Yogish Sabharwal	IITD	4 Weeks + 4Weeks(New)
9	Deep Learning	Prof. Prabir Kumar Biswas	IITKGP	12 Weeks
10	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	12 Weeks
11	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar Prof. Sanatan Sukhija	IIT Ropar	12 Weeks
12	Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IITKGP	12 Weeks
13	Hardware Security	Prof. Debdeep Mukhopadhyay	IITKGP	12 Weeks
14	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IITKGP	12 Weeks
15	Introduction To Soft Computing	Prof. Debasis Samanta	IITKGP	8 Weeks

16	Object Oriented System Development Using UML, Java And Patterns	Prof. Rajib Mall	IITKGP	12 Weeks
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ITEM No 9:

- The following decisions are taken as one time measure due to the COVID Pandemic.
 1. Classes to be handled online with 5 sessions per day.
 2. End semester examination to be conducted online.

Suggestion by Expert Members on Regulations, Curriculum, various Courses and Electives:

Suggestions of Dr. R. Govindarajan, Professor, IISc, Bangalore - Expert member from Government Organization

- Discussed the infrastructure facilities for major/minor specializations.
- Appreciated Minor AI/ML for other Department Students. For Minor AI/ML, in basic programming Courses, suggested either R or else Python concepts could be included in the syllabus. Chair person conveyed that Python programming is present as a core Course in the Curriculum..
- Appreciated the amendments' made in the Regulations 2016 / R2020 during Covid19 pandemic as an one time measure.

Suggestions of Dr.M.K.Kavitha Devi, Professor, Thiagarajar College of Engineering, Madurai - University Nominee

- Discussed the infrastructure facilities for minor AR/VR
- Suggested to develop MOOC courses by internal Faculty for One Credit Courses
- Discussed about the industry retention for One Credit Courses. Chair person conveyed about the industry retention and their change of Course according to the technology development
- Suggested to practice laboratory sessions with hackerrank and hackerrath kind of problems. Chairperson conveyed that students practice it in Skill rack and E-box platform

Suggestions of Mr. H. Rajesh Kumar, BuzzTech Training Institute, Coimbatore - Alumni Representative

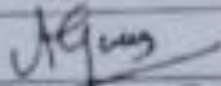
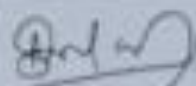
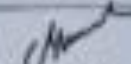
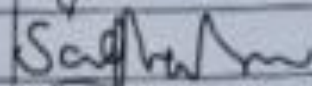
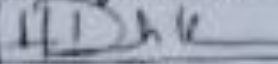
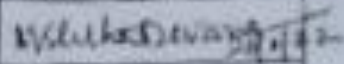
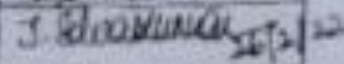
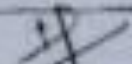
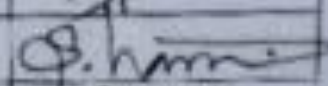
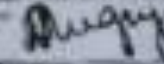
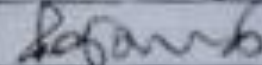
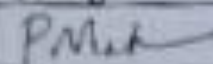
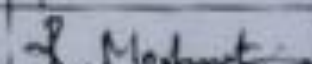
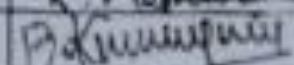
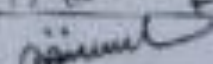
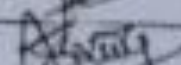
- Appreciated the specializations major/minor
- Suggested to add the course Computer Vision as basic foundation for Minor AI/ML as it is offered to other departments
- Suggested to add applications of core Courses like Data Structures as One Credit Course

Suggestions of Mr.Keerthi Ram, Computational healthcare group of Healthcare Technology Innovation Centre, IIT Madras - Expert member

- Appreciated the Curriculum and Syllabi
- Appreciated the offering of more professional Elective Courses
- Inquired whether basic mathematics like statistics are taken as pre-requisite for Intelligent agent as it is offered in 3rd semester. Chair person conveyed that basic mathematics, discrete structures are offered in parallel to Intelligent Agent Course during 3rd semester

Suggestions of Mr.N.Sadhasivam, JP Morgan Chase, Bangalore - Expert from Industry

- Appreciated the Curriculum and Syllabi
- Suggested to offer more industry oriented courses to bridge the gap between the Academia and Industry

S.No	Name of the Member	Designation	Signature
1.	Dr.A.Grace Selvarani	Chairperson	
2.	Dr.M.K.Kavitha Devi	University Nominee	
3.	Dr. R. Govindarajan	Expert member from Government Organization	
4.	Mr.Keerthi Ram	Expert members - IIT	
5.	Mr.N.Sadhasivam	Expert from Industry	
6.	Mr. H. Rajesh Kumar	Alumni Representative	
7.	Dr.M.S.Geetha Devasena	Internal Member	
8.	Dr.P.Perumal	Internal Member	
9.	Dr.J.Selvakumar	Internal Member	
10.	Dr.R.Anuradha	Internal Member	
11.	Dr. S. Hari Hara Gopalan	Internal Member	
12.	Dr.R. Kingsy Grace	Internal Member	
13.	Dr.B.Mathivanan	Internal Member	
14.	Dr.P.Mathiyalagan	Internal Member	
15.	Dr.R.Madhumathi	Internal Member	
16.	Dr.R.Kanagara]	Internal Member	
17.	Dr.R.Vijayakumar	Internal Member	
18.	Dr. Guhan	Internal Member	
19.	Mrs.M.Karthigha	Internal Member	
20.	Mr.Y.J.Ganesh	Internal Member	