



**MINUTES OF THE XXIII BOARD OF STUDIES MEETING FOR THE UG B.E /
B.TECH / M.TECH - CSE - 5 YEAR INTEGRATED PROGRAMMES HELD ON
27.03.2026 AT 10.30 AM THROUGH ONLINE MODE
(Google Meeting Link: meet.google.com/eky-qufv-gsr)**

The following members attended the above meeting.

1. **Dr. G. Nagasubramanian (University Nominee)**
Professor
Department of Humanities and Social Sciences
National Institute of Technology
Tiruchirapallai
Email id: nagus@nitt.edu
2. **Dr. Marshal Anthoni S (Course Expert - Mathematics)**
Associate Professor
Department of Mathematics
Anna University Regional Campus, Coimbatore
Navavoor, Coimbatore - 641 046
Mobile: +91 9894207162
Email id: smarshalanthoni@gmail.com
3. **Dr. S. Agilan (Course Expert - Physics)**
Professor and Head
Department of Physics
Coimbatore Institute of Technology
Coimbatore - 600 025
Mobile: +91 9994909993
E-mail: agilan@cit.edu.in
4. **Dr. C. Sivasankari (Course Expert - Chemistry)**
Professor and HoD
Department of Chemistry
Government College of Technology
Coimbatore - 600 013
Mobile: +91 9994433532
Email id: sankari@gct.ac.in

5. Dr. Suresh Kumar SP (Course Expert - English)

Associate Professor

Department of English

PSG College of Technology

Peelamedu, Coimbatore - 641 004

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Email id: sps.english@psgtech.ac.in

- 6 Dr. A. Sakthivel, Professor EEE, Head - First Year Program, Chairperson
- 7 Dr. Vichitra Sivaji, Professor & Head, English
- 8 Dr. R. Brindha, Assistant Professor, English
- 9 Dr. M. Leena Chandrika, Assistant Professor, English
- 10 Dr. P. Suganya, Assistant Professor, English
- 11 Dr. B. Mathivanan: Associate Professor, CSE
- 12 Dr. S. Sakthivel, Assistant Professor, Tamil
- 13 Dr. R. Santhi, Associate Professor, Mathematics
- 14 Dr. R. Kasthuri, Assistant Professor, Mathematics
- 15 Dr. S. Ranganayaki, Assistant Professor, Mathematics
- 16 Dr. P. Vasanthi, Assistant Professor, Mathematics
- 17 Dr. Maheswari Naik, Assistant Professor, Mathematics
- 18 Dr. K. Uthayarani, Professor, Physics
- 19 Dr. M. RM. Krishnappa, Associate Professor, Physics
- 20 Dr. S. Deivanayaki, Associate Professor, Physics
- 21 Dr. M. Chitra, Assistant Professor / Physics
- 22 Dr. R. Vasanthapriya, Assistant Professor / Physics
- 23 Dr. S. Sathiesh Kumar, Associate Professor, Chemistry
- 24 Dr. J. Sheeja, Assistant Professor, Chemistry
- 25 Dr. M. Abirami. Assistant Professor, Chemistry
- 26 Dr. J. Suresh, Assistant Professor, Chemistry

Prof. A. Sakthivel, Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 23rd BoS meeting. After a brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

ITEM No.1

RR2020

- 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 2022, 2023 & 2024.

ITEM No.2**R2025**

- It is resolved that Regulations 2025 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech/M.Tech(Int). programmes for students admitted in the Academic year 2025.
- It is resolved that the syllabi for the following new Open Elective courses under Regulations 2025 be approved and passed.
 - 25EN2101 - RESEARCH REPORT WRITING
 - 25EN2100 - ENGLISH FOR COMPETITIVE EXAMS
 - 25MA2201 - GRAPH AND NETWORK ANALYSIS
 - 25MA2202 - BIG DATA ANALYTICS
 - 25MA2203 - LINEAR ALGEBRA
 - 25MA2204 - MATHEMATICS FOR MACHINE LEARNING
 - 25MA2205 - FORMAL LANGUAGES AND AUTOMATA THEORY
 - 25MA2206 – INTRODUCTION TO DATA SCIENCE FOR BEGINNERS
 - 25MA2207 - COMPUTATIONAL METHODS FOR ENGINEERS
 - 25MA2208 - APPLIED PROBABILITY TECHNIQUES
 - 25MA2209 - STATISTICAL QUALITY CONTROL
 - 25MA2210 - OPERATIONS RESEARCH
 - 25PH2200 - NON-CONVENTIONAL ENERGY RESOURCES
 - 25PH2201 - SOLAR TECHNOLOGY
 - 25PH2202 - NANO AND QUANTUM SCIENCE
 - 25CH2201 - CHEMISTRY OF ADVANCED MATERIALS FOR SMART SYSTEMS
 - 25CH2202 - INTEGRATED WASTE MANAGEMENT SYSTEMS
- It is resolved that the syllabi for the following HSSM under Regulations 2025 be approved and passed
 - 25HS2102 - PSYCHOLOGY FOR COMPUTER ENGINEERS
 - 25HS2103 - EMOTIONAL INTELLIGENCE
 - 25HS2104 - PRINCIPLES OF PROJECT MANAGEMENT
 - 25UH2001 - UNIVERSAL HUMAN VALUES

- It is resolved that the Result Analysis for the Academic Year 2025 – 2026 (Semester I) are approved and passed.

No of Students appeared in all subjects : 1103

No of Students passed in all subjects : 852

Pass Percentage : 77%

RESULT ANALYSIS FOR I B.E/ B.Tech and M.Tech CSE (5 yr. Int) PROGRAMMES

Academic Year 2025 – 2026 I Semester

Course Code	Course Title	No. of Students Appeared	No. of Students Passed	No. of Students Failed	Pass Percentage
25EN2150	BUSINESS AND CORPORATE COMMUNICATION	1109	1106	3	99.73
25MA2101	LINEAR ALGEBRA AND DIFFERENTIAL EQUATION	494	466	48	94.33
25CS2151	C PROGRAMMING	469	418	51	89.13
25CS2150	PROGRAMMING IN PYTHON	202	191	11	94.55
25CS2101	COMPUTATIONAL THINKING AND PROBLEM SOLVING	260	246	14	94.62
25CS2170	FOUNDATION OF COMPUTER SYSTEMS LABORATORY	202	202	0	100
25EC2100	ELECTRIC CIRCUITS	192	186	6	96.88
25EC2101	ELECTRICAL TECHNOLOGY	192	187	5	97.40
25BM2100	BIOLOGY FOR ENGINEERS	188	187	1	99.47
25BS2170	BASIC SCIENCES LABORATORY	250	250	0	100
25EC2170	ELECTRICAL CIRCUITS LABORATORY	192	192	0	100
25BM2102	BIOCHEMISTRY	60	60	0	100
25TA2100	HERITAGE OF TAMILS	1111	1077	34	96.94
25CH2100	ENGINEERING CHEMISTRY	94	78	16	82.98
25MA2102	ALGEBRA, DIFFERENTIAL CALCULUS AND TRANSFORM	407	379	28	93.12
25PH2101	APPLIED MATERIAL SCIENCE	347	336	11	96.83
25CH2104	GREEN AND COMPUTATIONAL CHEMISTRY	453	438	15	96.69
25BM2103	HOSPITAL SYSTEM MANAGEMENT	60	60	0	100
25BM2170	BIOCHEMISTRY LABORATORY	60	60	0	100

25EE2105	FUNDAMENTALS OF ELECTRICAL AND ELECTRONICS ENGINEERING	92	85	7	92.39
25CS2171	PROGRAMMING IN C LABORATORY	124	122	2	98.39
25EC2151	DIGITAL LOGIC CIRCUIT	194	184	10	94.85
25EE2171	FUNDAMENTALS OF ELECTRICAL AND ELECTRONICS ENGINEERING LAB	94	94	0	100
25MA2103	MATRICES, DIFFERENTIAL CALCULUS AND TRANSFORMS	187	150	37	80.21
25CS2100	DIGITAL SYSTEM DESIGN	260	249	11	95.77
25PH2102	ENGINEERING PHYSICS	94	91	3	96.81
25ME2171	COMPUTER AIDED ENGINEERING GRAPHICS LABORATORY	287	287	0	100
25PH2100	APPLIED PHYSICS	60	41	19	68.33
25PH2170	APPLIED PHYSICS LAB	60	60	0	100
25AE2170	ENGINEERING GRAPHICS AND 3D MODELLING	32	28	4	87.50
25CH2101	CHEMICAL SCIENCE	32	22	10	68.75
25EC2152	AIRCRAFT ELECTRICAL AND ELECTRONICS SYSTEM	32	27	5	84.38
25IT2170	HARDWARE AND SIMULATION LABORATORY	129	129	0	100
25IT2151	PROGRAMMING WITH COMPUTATIONAL CONCEPTS	129	102	27	79.07
25EI2100	FRONTIERS OF INSTRUMENTATION	60	52	8	86.67
25IT2153	DISRUPTIVE TECHNOLOGIES	66	66	0	100
25PH2105	ELEMENTS OF QUANTUM PHYSICS	65	63	2	96.92
25EI2102	ELECTRON DEVICES	60	59	1	98.33
25EI2170	ELECTRON DEVICES AND CIRCUITS LABORATORY	62	62	0	100
25EI2171	SIMULATION LABORATORY	62	62	0	100
25EE2101	COMPENDIUM OF ELECTRICAL ENGINEERING	94	91	3	96.81
25PH2103	PHYSICS IN TECHNOLOGICAL APPLICATIONS	93	79	14	84.94

25EC2170	ENGINEERING GRAPHICS	62	62	0	100
25CH2102	CHEMISTRY	61	53	8	86.89
25EE2103	ELECTRICAL SYSTEMS FOR BUILDINGS	62	61	1	98.39
25ME2172	ENGINEERING PRACTICES LABORATORY	62	62	0	100
25CH2103	CHEMISTRY IN TECHNOLOGY APPLICATIONS	62	57	5	91.94
25PH2103	PHYSICS IN TECHNOLOGY APPLICATIONS	62	61	1	98.39
25RA2100	INTRODUCTION TO MANUFACTURING AND AUTOMATION	62	60	2	96.77
25RA2150	ELEMENTS OF ELECTRICAL CIRCUITS AND ELECTRONIC DEVICES	62	56	6	90.32
25CS2103	PROGRAMMING IN C	123	111	12	90.24
25PH2104	QUANTUM MECHANICS	129	118	11	91.47
25EE2100	ELECTRIC CIRCUITS	94	92	2	97.87

➤ Readmitted / transferred student details

Readmitted the student **Selvan. M.TamilKumaran (71812409040)** during the Academic year (2025-2026) in the second semester under the regulation R2025.

➤ Credit balance for the Readmitted / transferred students

71812409040 – TAMILKUMARAN . M - Credit Balance - NA

ITEM No.3

- It is resolved that the PG Regulations 2022 will be followed for the students admitted from academic year 2024 and 2025.
- It is resolved that the PG Regulations 2026 will be followed for all M.E / M.Tech programmes for students admitted from academic year 2026 and onwards.
- It is resolved that the Curriculum structure be approved for the new courses under the Regulations 2026

S. No.	Course Code	Course Title	Credits
1	26MA1501	APPLIED MATHEMATICS	4
2	26MA1502	MATHEMATICS FOR DATA SCIENCE	4

ITEM No.4

Suggestions/Comments from External Expert Members and University Nominee to be recorded

English Courses

1. Dr. G. Nagasubramaniyan (University Nominee), Professor, Department of Humanities, National Institute of Technology, Tiruchirappalli, made the following recommendations.
 - The Title *Research Report Writing* may be revised to ***“Technical Report Writing.”***
 - Include books authored by C.T. Kurian as Text Book for course Research Report Writing
2. Dr. S.P. Suresh Kumar (Course Expert – English) recommended
 - Incorporating *critical listening* and *critical thinking* into the syllabus.
 - Including elements related to *technical style* and *mechanics of writing* for the course Research Report Writing.

Universal Human Values

Dr. G. Nagasubramaniyan (University Nominee), Professor, Department of Humanities, National Institute of Technology, Tiruchirappalli said that UHV was the need of the hour. He suggested that 1 credit may be allotted to the course

Physics Courses

1. Dr. G. Nagasubramaniyan (University Nominee), Professor, Department of Humanities, National Institute of Technology, Tiruchirappalli provided valuable suggestions during the BOS meeting.
 - It is recommended to include additional topics related to the composition and selection of nanomaterials, and, if feasible, to introduce concepts of Quantum Entrapment to enhance the depth and interdisciplinary relevance of the physics course “Nano and Quantum Science” and “Capital budgeting for Solar installation for “Solar Technology Course”.
2. Dr. S. Agilan, (Course Expert – Physics), Professor and Head, Department of Physics, CIT, Coimbatore, provided feedback during the 23rd BOS meeting conducted by SREC.
 - The Physics courses (Non-Conventional Energy Recourses, Solar Technology and Nano and Quantum Science) were found to be good, adequate, and well-designed, meeting the required academic standards and expectations.

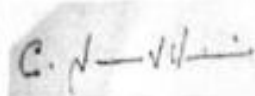
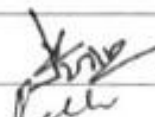
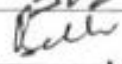
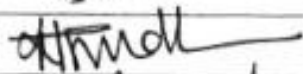
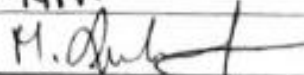
Chemistry Courses

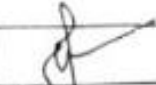
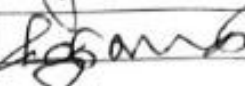
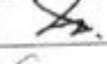
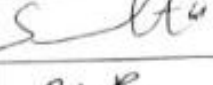
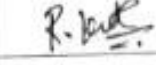
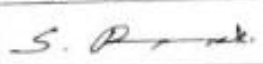
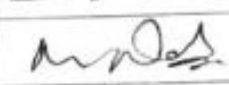
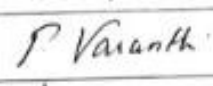
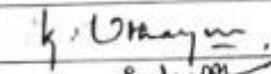
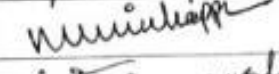
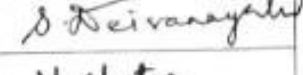
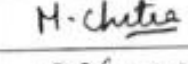
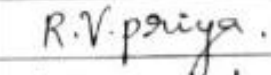
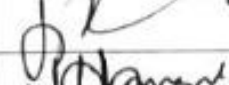
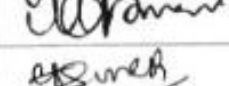
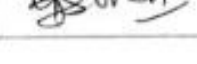
1. Dr. C. Sivasankari, (Course Expert – Chemistry), Professor and Head, Department of Chemistry, Government College of Technology, Coimbatore appreciated the content of the courses.
 - Recommended to reduce the volume stating that each module is too huge for 15 hours.
 - The suggestion was acknowledged by the Chemistry BoS members and ensured to reduce the course content in both the courses without affecting the cognitive level and the depth of the syllabus.

Mathematics Courses

1. Dr. G. Nagasubramaniyan (University Nominee), Professor, Department of Humanities, National Institute of Technology, Tiruchirappalli provided valuable suggestions during the BOS meeting.
 - To include Fourier Series in “25MA2204 - Mathematics For Machine Learning.”
 - To change the course title from ‘25MA2206 – Foundations of Data Science for Engineers’ to ‘25MA2206 – Introduction to Data Science for Beginners’.
 - The syllabus of ‘25MA2209 – Statistical Quality Control’ may be normalized in accordance with the allotted course credits.
 - Will the course ‘25MA2210 – Operations Research’ will be taught from a management perspective, focusing on decision-making models, resource optimization, and applications relevant to business and industrial scenarios?
 - To change the course title from ‘26MA1501- Advanced Applied Mathematics’ to ‘26MA1501- Applied Mathematics’.
 - For the course ‘26MA1502 – Mathematics for Data Science,’ the department offering the course should be specified.
2. Dr. Marshal Anthoni S (Course Expert – Mathematics) Associate Professor, Department of Mathematics, Anna University Regional Campus, suggested -
 - To revise the course title from ‘26MA1501- Advanced Applied Mathematics’ to ‘26MA1501- Applied Mathematics’.
 - Is Graph theory topic needed for M. E. VLSI and M. E EST in ‘26MA1501- Advanced Applied Mathematics’?

The following members were present –

S.No	Name and Particulars of the University Nominee, Experts and Members	Designation	Signature
1	Dr. G. Nagasubramaniyan Professor, Department of Humanities and Social Sciences National Institute of Technology Tiruchirapallai - 620015 Email id: nagus@nitt.edu	University Nominee	
2	Dr. Marshal Anthoni S Associate Professor Department of Mathematics Anna University Regional Campus, Coimbatore, Navavoor, Coimbatore - 641 046 Mobile: +91 9894207162 Email id: smarshalanthoni@gmail.com	Course Expert - Mathematics	
3	Dr. S. Agilan Professor and Head Department of Physics Coimbatore Institute of Technology Coimbatore - 600 025 Mobile: +91 9994909993 E-mail: agilan@cit.edu.in	Course Expert - Physics	 (Dr. S. Agilan)
4	Dr. C. Sivasankari Professor and HoD Department of Chemistry Government College of Technology Coimbatore - 600 013 Mobile: +91 9994433532 Email id: sankari@gct.ac.in	Course Expert - Chemistry	
5	Dr. Suresh Kumar SP Associate Professor Department of English PSG College of Technology Peelamedu, Coimbatore - 641 004 Mobile: +91 7339517889 Email id: sps.english@psgtech.ac.in	Course Expert - English	
6	Dr. A. Sakthivel	Professor EEE, Head - First Year Program	
7	Dr. Vichitra Sivaji	Professor & Head, English	
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25	Dr. M. Abirami	Assistant Professor, Chemistry	
26	Dr. J. Suresh	Assistant Professor, Chemistry	


Dr. SAKTHIVEL ARUCHAMY
 Chairperson, Board of Studies
 Department of Science and Humanities

Dr. Sakthivel Aruchamy M.E., Ph.D.,
 Professor & Head
 First Year Programme
 Sri Ramakrishna Engineering College
 Coimbatore-641 022.



**MINUTES OF THE XXII BOARD OF STUDIES MEETING FOR THE UG B.E /
B.TECH / M.TECH - CSE - 5 YEAR INTEGRATED PROGRAMMES HELD ON
31.10.2025 AT 10.00 AM IN IT SEMINAR HALL, SREC, COIMBATORE**

The following members attended the above meeting.

1. Dr. G. Nagasubramaniyan (University Nominee)

Professor

Department of Humanities and Social Sciences

National Institute of Technology

Tiruchirapallai

Email id: nagus@nitt.edu

2. Dr. Marshal Anthoni S (Course Expert - Mathematics)

Associate Professor

Department of Mathematics

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Email id: sps.english@psgtech.ac.in
- 6 Dr. A. Sakthivel, Professor EEE, Head - First Year Program, Chairperson
- 7 Dr. Vichitra Sivaji, Professor & Head, English
- 8 Dr. R. Brindha, Assistant Professor, English
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- 27 Dr. J. Suresh, Assistant Professor, Chemistry

Prof. A. Sakthivel, Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 22nd BoS meeting. After a brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

ITEM No.1

R2020

- 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 2022, 2023 & 2024.
- It is resolved that the Result Analysis for the Academic Year 2024 – 2025 (Semesters II) are approved and passed.

No. of students Appeared	: 1065
No. of students passed	: 827
Overall Pass Percentage	: 78%

RESULT ANALYSIS FOR I B.E/ B.Tech & M.Tech (CSE) PROGRAMMES**Academic Year 2024 – 2025 II Semester**

S.No	Course Code	Name of the Course	No. of Students Appeared	No. of Students Passed	No. of Students Failed	Pass percentage
1	20HS209	Advanced Business Communication	267	266	1	99.62
2	20HS203	Basic German	133	133	0	100
3	20HS204	Basic Japanese	124	124	0	100
4	20HS210	Intermediate English for Engineering	563	563	0	100
5	20MA207	Integral Calculus and Partial Differential Equations	51	50	1	98.04
6	20MA204	Integral and Vector Calculus	397	340	57	85.64
7	20MA206	Transforms and its Applications	391	340	51	86.95
8	20MA205	Calculus and Numerical Methods	161	137	24	85.09
9	20MA208	Linear Algebra & Vector Calculus	68	65	3	95.59
10	20BM203	Human Anatomy and Physiology	51	51	0	100
11	20BM206	Biology for Engineering	62	62	0	100
12	20IT241	Programming in Python	328	282	46	85.97
13	20BM204	Circuits and Devices	51	41	10	80.39
14	20BM271	Human Anatomy and Physiology Laboratory	51	51	0	100
15	20IT291	Programming in Python Laboratory	396	394	2	99.49
16	20BM272	Circuits and Devices Laboratory	51	51	0	100
17	20ME272	Computer Aided Engineering Graphics Laboratory	178	178	0	100
18	20EC201	Electron Devices	277	270	7	97.47
19	20BS270	Basic Sciences Laboratory	421	421	0	100
20	20EE201	Electric Circuits	340	294	46	86.47
21	20EI251	Sensors and Instrumentation	91	89	2	97.8
22	20EE270	Electric Circuits and Electron Devices Laboratory	340	339	1	99.70

23	20ME205	Thermal Engineering and Fluid Mechanics	63	53	10	84.12
24	20CS241	Programming Foundation	121	105	16	86.77
25	20ME273	Engineering Practices Laboratory	63	63	0	100
26	20CS291	Programming Foundations Laboratory	63	63	0	100
27	20PH209	Nano and Quantum Physics	131	125	6	95.41
28	20PH210	Essential of Quantum Physics	126	116	10	92.06
29	20CH209	Chemistry of Advanced Materials	125	122	3	97.6
30	20CS202	Programming Paradigms-I	265	236	29	89.05
31	20CS251	Mobile Application Development	266	244	22	91.72
32	20EE262	Basics of Electrical and Electronics Engineering	325	308	17	94.76
33	20EI202	Sensors and its Applications	393	384	9	97.70
34	20CS272	Programming Paradigms-I Laboratory	206	204	2	99.02
35	20IT202	Object Oriented Programming Concepts	126	125	1	99.20
36	20IT251	Multimedia Principles and Web Design	127	124	3	97.63
37	20IT271	Object Oriented Programming Laboratory	126	126	0	100
38	20PH207	Nano and Smart Materials	46	36	10	78.26
39	20PH211	Advanced Materials	58	57	1	98.28
40	20CH207	Corrosion Science	39	37	2	94.87
41	20ME251	Fluid Mechanics and Machinery	83	76	7	91.57
42	20AE203	Aviation Management	32	29	3	90.63
43	20CE205	Engineering Mechanics	162	150	12	92.59
44	20CE206	Architectural Conservation And Historic Preservation	47	46	1	97.87
45	20CS242	Artificial Intelligence	32	27	5	84.38
46	20EI203	Aerospace Sensors and Instrumentation	32	32	0	100
47	20AE271	Computing Laboratory	32	32	0	100
48	20EI272	Aerospace Sensors and Instrumentation Laboratory	32	32	0	100

49	20AE272	Engineering Drawing Practices	32	32	0	100
50	20EI271	Simulation Laboratory	46	46	0	100
51	20CE202	Principles of Architecture and Planning Concepts	46	46	0	100
52	20CE203	Construction materials, Techniques and Equipment	46	41	5	89.13
53	20CE204	Geodesy	46	45	1	97.83
54	20CE270	Building Planning and Drafting Laboratory	46	46	0	100
55	20CE271	Geodesy Laboratory	46	46	0	100
56	20CE272	Material Testing Laboratory	46	46	0	100
57	20RA202	Automation Technology	59	59	0	100
58	20ME204	Computational Mechanics	126	102	24	80.95
59	20EE236	Principles of Electrical Engineering	186	183	3	98.39
60	20IT243	Data Structure & Algorithm	68	66	2	97.06
61	20IT244	Python Programming	68	66	2	90.06
62	20IT293	Data Structure & Algorithm Laboratory	68	67	1	98.53
63	20PH213	Aircraft Materials and Processes	32	32	0	100
64	20CS209	Chemistry of Advanced Materials	10	10	0	100
65	20ME253	Materials Engineering and Metallurgy	84	78	6	92.86

ITEM No.2

R2025

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

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

S. No.	Course Code	Course Title	Credits
1	25MA2111	DISCRETE STRUCTURES AND COMBINATORICS	4
2	25MA2112	PROBABILITY, RANDOM PROCESSES AND STATISTICS	4
3	25MA2113	NUMERICAL METHODS	4
4	25MA2114	TRANSFORMS AND COMPUTATIONAL METHODS	2
5	25MA2115	TRANSFORMS AND NUMERICAL METHODS	2
6	25MA2116	MATHEMATICAL METHODS FOR ROBOTICS	4
7	25MA2117	PROBABILITY AND STATISTICAL ANALYSIS	4
8	25MA2118	NUMERICAL METHODS FOR ENGINEERS	3
9	25MA2119	APPLIED MATHEMATICS AND STATISTICS	4
10	25MA2120	DATA ANALYTICS AND PROBABILITY MODELS	2
11	25MA2121	PROBABILITY DISTRIBUTIONS AND STATISTICAL MODELLING	2

- It is resolved that the syllabi for the following new Ability Enhancement courses (AEC) under Regulations 2025 be approved and passed.
- **25FL2100 - GERMAN FOR BEGINNERS**
 - **25FL2101 - JAPANESE LANGUAGE FUNDAMENTALS**
 - **25AE2100 - APTITUDE FOR EMPLOYABILITY**
 - **25AE2101 - SOFT SKILLS FOR PROFESSIONAL DEVELOPMENT**
- It is resolved that the syllabi for the following new Liberal Arts courses (LAC) under Regulations 2025 be approved and passed
- **25LA2141 - YOGA FOR HEALTH**
 - **25LA2201 - VEDIC MATHEMATICS**

- It is resolved that the syllabi for the following new Humanities, Social Science & Management Courses (HSSM) under Regulations 2025 be approved and passed.

- **25HS2100 - CONSTITUTION OF INDIA**
- **25HS2101 - INDIAN KNOWLEDGE SYSTEM**

ITEM No.3

Suggestions/Comments from External Expert Members and University Nominee to be recorded

The University Nominee, **Dr. G. Nagasubramaniyan, Professor, Department of Humanities, National Institute of Technology, Tiruchirappalli** has given the following suggestions -

- Recommended the Introduction of Fourier series in Mathematics course for all departments from second year onwards.
- In Liberal Arts Course, 25LA2141 - Yoga for Health, he suggested to have slight changes in the objectives of the course and also suggested that it can be converted to three modules and 5 hours each.
- With respect to English course,
 - The course title “Constitution of India.” may be modified
 - The topic “Cultural Impacts” may be included in the course “Indian Knowledge System”
 - in a precise and structured manner.
 - Micro-Credit Courses with a duration of 15 hours (equivalent to 1 credit), to be introduced from the first year itself and evaluated through assignments.
 - It is recommended to modify the title of the course “Aptitude for Employability”.

The **Mathematics Subject Expert Dr. Marshal Anthoni S**, Associate Professor, Department of Mathematics, Anna University suggested that same contents has to be split into five modules for four credit / 3 credit / 2 credit to be uniformly followed for examination question paper pattern. He also suggested to have atleast one Foreign Author book referred by the course coordinator to be included in Text books.

The **Physics subject expert, Dr. S. Agilan**, Professor and Head, Department of Physics, Coimbatore Institute of Technology, Coimbatore has suggested the following points for the improvement in Physics courses -

- In 25PH2104 - Quantum Mechanics course offered to B.Tech - Information Technology during the First Semester, some of the topics have been identified as of high depth which is found to be heavy for the I year level and hence could be reduced and suitable modifications shall be made.
- In 25PH2107 - Quantum and Nano Physics offered to B.Tech - Information Technology during the Second Semester, some of the topics have been identified as of high depth which is found to be heavy for the I year level and hence could be reduced and suitable modifications shall be made.
- In 25PH2105 - Elements of Quantum Physics course offered to B.Tech - Artificial Intelligence and Data Science during the First Semester and 25PH2150 - Foundations of Quantum Physics offered to B.E Computer Science and Engineering and 5 Year Integrated M.Tech CSE, some of the topics have been identified as of high depth which is found to be heavy for the I year level and hence could be reduced and suitable modifications shall be made.

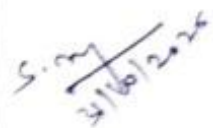
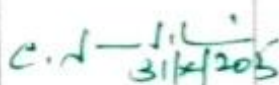
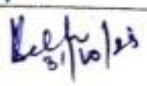
The above suggestions given by the expert member were taken into consideration and will be incorporated in the subsequent semesters with the approval of the respective chairperson of the BoS.

- To equip the faculty for 25PH2172 - Quantum Physics Laboratory and 25PH2171 - Quantum and Nanophysics Laboratory the training / inhouse FDP can be arranged to have experience on the experiments in the syllabus.

The **Course Expert for Chemistry, Dr. C. Sivasankari**, gave a strong suggestion to include the course 'Environmental Science and Sustainability' as mandatory course with 2 Credits across all the BE/B.Tech/M.Tech CSE Programmes. Further, there are no changes in R2025 Sem I & II Chemistry courses.

The **Course Expert for English, Dr. Suresh Kumar S. P.**, attended the 22nd Board of Studies meeting via Online and he appreciated the well-structured syllabi, the selection of appropriate reference materials, and conveyed highly positive overall feedback.

The following members were present –

S.No	Name and Particulars of the University Nominee, Experts and Members	Designation	Signature
1	Dr. G. Nagasubramanian Professor, Department of Humanities and Social Sciences National Institute of Technology Tiruchirapallai - 620015 Email id: nagus@nitt.edu	University Nominee	 31/10/2025
2	Dr. Marshal Anthoni S Associate Professor Department of Mathematics Anna University Regional Campus, Coimbatore, Navavoor, Coimbatore - 641 046 Mobile: +91 9894207162 Email id: smarshalanthoni@gmail.com	Course Expert - Mathematics	 31/10/2025
3	Dr. S. Agilan Professor and Head Department of Physics Coimbatore Institute of Technology Coimbatore - 600 025 Mobile: +91 9994909993 E-mail: agilan@cit.edu.in	Course Expert - Physics	 31/10/2025
4	Dr. C. Sivasankari Professor and HoD Department of Chemistry Government College of Technology Coimbatore - 600 013 Mobile: +91 9994433532 Email id: sankari@gct.ac.in	Course Expert - Chemistry	 31/10/2025
5	Dr. Suresh Kumar SP Associate Professor Department of English PSG College of Technology Peelamedu, Coimbatore - 641 004 Mobile: +91 7339517889 Email id: sps.english@psgtech.ac.in	Course Expert - English	Attended Through Online Mode
6	Dr. A. Sakthivel	Professor EEE, Head - First Year Program	
7	Dr. Vichitra Sivaji	Professor & Head, English	 31/10/25

8	Dr. R. Brindha	Assistant Professor, English	<i>R. Brindha</i> 31/10/25
9	Dr. M. Leena Chandrika	Assistant Professor, English	<i>M. Leena Chandrika</i> 31/10/25
10	Dr. P. Suganya	Assistant Professor, English	<i>P. Suganya</i> 31/10/25
11	Dr. B. Mathivanan	Associate Professor, CSE	<i>B. Mathivanan</i> 31/10/25
12	Dr. S. Sakthivel	Assistant Professor, Tamil	<i>S. Sakthivel</i> 31/10/25
13	Dr. R. Santhi	Associate Professor, Mathematics	<i>R. Santhi</i> 31/10/25
14	Dr. R. Kasthuri	Assistant Professor, Mathematics	<i>R. Kasthuri</i> 31/10/25
15	Dr. S. Ranganayaki	Assistant Professor, Mathematics	<i>S. Ranganayaki</i> 31/10/25
16	Dr. P. Vasanthi	Assistant Professor, Mathematics	<i>P. Vasanthi</i> 31/10/25
17	Dr. Maheswari Naik , P	Assistant Professor, Mathematics	<i>M. Maheswari Naik</i> 31/10/25
18	Dr. K. Uthayarani	Professor, Physics	<i>K. Uthayarani</i> 31/10/25
19	Dr. M. RM. Krishnappa	Associate Professor, Physics	<i>M. RM. Krishnappa</i> 31/10/25
20	Dr. S. Deivanayagi	Associate Professor, Physics	<i>S. Deivanayagi</i> 31/10/25
21	Dr. M. Chitra	Assistant Professor, Physics	<i>M. Chitra</i> 31/10/25
22	Dr. R. Vasanthapriya	Assistant Professor, Physics	<i>R. Vasanthapriya</i> 31/10/25
23	Dr. S. Sathiesh Kumar	Associate Professor, Chemistry	<i>S. Sathiesh Kumar</i> 31/10/25
24	Dr. J. Sheeja	Assistant Professor, Chemistry	<i>J. Sheeja</i> 31/10/25
25	Dr. N. Mohanapriya	Assistant Professor, Chemistry	<i>N. Mohanapriya</i> 31/10/25
26	Dr. M. Abirami	Assistant Professor, Chemistry	<i>M. Abirami</i> 31/10/25
27	Dr. J. Suresh	Assistant Professor, Chemistry	<i>J. Suresh</i> 31/10/25


Dr. SAKTHIVEL ARUCHAMY
CHAIRPERSON
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SRI RAMAKRISHNA ENGINEERING COLLEGE

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[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.



MINUTES OF THE XXI BOARD OF STUDIES MEETING FOR THE UG B.E / B.TECH / M.TECH - CSE - 5 YEAR INTEGRATED PROGRAMMES HELD ON 04.04.2025 AT 10.00 AM IN BYOD LAB, SREC, COIMBATORE

The following members attended the above meeting.

- i. **Dr. G. Nagasubramaniyan (University Nominee)**
Professor
Department of Humanities and Social Sciences
National Institute of Technology
Tiruchirapallai
Email id: nagus@nitt.edu
- ii. **Dr. Marshal Anthoni S (Course Expert - Mathematics)**
Associate Professor
Department of Mathematics
Anna University Regional Campus, Coimbatore
Navavoor, Coimbatore - 641 046
Mobile: +91 9894207162
Email id: smarshalanthoni@gmail.com
- iii. **Dr. T. Venkatachalam (Course Expert - Physics)**
Professor
Department of Physics
Coimbatore Institute of Technology
Coimbatore - 600 025
Mobile: +91 9791535943
E-mail: tvenkatachalam@cit.edu.in

iv. **Dr. C. Sivasankari (Course Expert - Chemistry)**

Professor and HoD

Department of Chemistry

Government College of Technology

Coimbatore - 600 013

Mobile: +91 9994433532

Email id: sankari@gct.ac.in

v. **Dr. Suresh Kumar SP (Course Expert - English)**

Associate Professor

Department of English

PSG College of Technology

Peelamedu, Coimbatore - 641 004

Mobile: +91 7339517889

Email id: sps.english@psgtech.ac.in

The following members were present -

Department of Mathematics (Members)

1. Dr. A. Sekar
2. Dr. R. Santhi
3. Dr. P. Maheswari Naik

Department of Physics (Members)

1. Dr. K. Uthayarani
2. Dr. R. Kesavasamy
3. Dr. M. RM. Krishnappa
4. Dr. S. Deivanayaki
5. Dr. M. Chitra

Department of Chemistry (Members)

1. Dr. L. Ragunath
2. Dr. J. Sheeja
3. Dr. N. Mohanapriya

Department of English (Members)

1. Dr. Vichitra Sivaji

2. Dr. R.Brindha
3. Dr. M.Leena Chandrika
4. Dr. P. Suganya

Department of Computer Science and Engineering (Member)

Dr. B. Mathivanan, Associate Professor

Professor Dr. K. Uthayarani, Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 21st BoS meeting. After a brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.\

ITEM No.1

**UG Programmes
RR2020**

- It is resolved that Revised Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech/Integrated M.Tech programmes for students admitted in the Academic year 2022, 2023 & 2024.
- It is resolved that the Result Analysis for the Academic Year 2024 – 2025 (Semester I) are approved and passed.

Course Code	Course Title	No. of Students Appeared	No. of Students Passed	No. of Students Failed	Pass Percentage
20HS270	Preliminary Business English	316	314	2	99
20HS208	Communicative English for Engineers	763	763	0	100
20MA201	Algebra, Calculus and Transforms	519	444	75	86
20BS270	Basic Sciences Laboratory	411	411	0	100
20ME272	Computer Aided Engineering Graphics Laboratory	711	710	1	100
20ME273	Engineering Practices Laboratory	184	183	1	99

20EI271	Simulation Laboratory	817	817	0	100
20CS241	Programming Foundations	329	305	24	93
20PH205	Applied Physics	340	328	12	96
20CS291	Programming Foundations Laboratory	329	327	2	99
20EE251	Compendium of Electrical Engineering	340	327	13	96
20MA203	Linear Algebra and Differential Calculus	392	356	36	91
20MA202	Matrices, Differential Calculus and Transforms	164	117	47	71
20PH214	Biophysics	52	51	1	98
20BM201	Biochemistry	52	51	1	98
20PH201	Engineering Physics	85	77	8	91
20PH202	Waves And Optics	32	32	0	100
20PH203	Physics	47	47	0	100
20PH204	Applied Sciences I	59	56	3	95
20CH201	Engineering Chemistry	85	75	10	88
20CH202	Chemical Science	32	29	3	91
20CH203	Chemistry	47	29	18	62
20CH204	Applied Sciences II	59	59	0	100
20AE202	Basic Flight Science	32	30	2	94

20EC202	Aircraft Electrical and Electronic Systems	32	32	0	100
20AE270	Aero Engineering Workshop Practices	32	32	0	100
20ME271	Engineering Graphics	85	83	2	98
20EE237	Foundations of Electrical Engineering	47	47	0	100
20RA201	Sensors In Automation	59	59	0	100
20EI204	Electric Circuits and Electronic Devices	59	58	1	98
20CS201	Disruptive Technologies	325	325	0	100
20BM202	Frontiers in Biomedical Engineering	52	52	0	100
20PH270	Physics Laboratory	52	52	0	100
20BM270	Biochemistry Laboratory	52	52	0	100
20EC201	Electron Devices	63	62	1	98
20EI201	Elements of Instrumentation	63	63	0	100
20CH205	Applied Chemistry	340	321	19	94
20BS201	Physical Sciences	459	433	26	94
20IT261	R Programming for Data Science	68	66	2	97
20IT292	Object Oriented Programming using C++ Laboratory	68	68	0	100
20IT242	Object Oriented Programming	68	64	4	94
20BM205	Life Sciences	266	263	3	99
20IT201	Problem solving and Computer Programming	127	117	10	92

20EE262	Basics of Electrical and Electronics Engineering	127	122	5	96
20CS271	Computer Hardware and Software Laboratory	393	391	2	99
20IT270	C Programming Laboratory	127	127	0	100
20IT241	Programming in Python	85	70	15	82
20IT291	Programming in Python Laboratory	84	84	0	100
20EE240	Fundamentals of Electrical and Electronics Engineering	85	73	12	86
20EE281	Fundamentals of Electrical and Electronics Engineering Laboratory	85	85	0	100
20HS211	Heritage of Tamils	314	314	0	100
20AE201	Indian space missions	32	32	0	100
20EC270	Basic Electrical and Electronics Laboratory	32	32	0	100
20CE208	Applied Geology	48	48	0	100

No of Students appeared in all subjects : **1073**

No of Students passed in all subjects : **865**

Pass Percentage : **80.33%**

- It is resolved that the following number of students of I year B.E./ B.Tech / Integrated M.Tech programmes have completed their Mandatory courses

Batch: 2024 - 2028: 1058 students have completed the mandatory course

Batch: 2023 - 2027: 951 students have completed the mandatory course

Batch: 2022 - 2026: 1005 students have completed the mandatory course

Readmitted / transferred student details:

Readmitted student details:

71812301221 - SAIRAM KISHORE. M - II SEM / CSE

ITEM No. 2

R2025

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

1. 25MAXXX Matrices, Differential Calculus and Transforms
2. 25MAXXX Algebra, Differential Calculus and Transforms
3. 25MAXXX Linear Algebra and Differential Equations
4. 25MAXXX Integral Calculus and Complex Variables
5. 25MAXXX Integral Calculus and Partial Differential Equations
6. 25MAXXX Integral Calculus, Fourier Series and Transforms
7. 25MAXXX Linear Algebra and Calculus
8. 25MAXXX Probability and Statistics
9. 25MAXXX Discrete Mathematics
10. 25MAXXX Probability, Statistics and Transforms
11. 25PH... Engineering Physics
12. 25PH... Applied Materials Science
13. 25PH... Physics in Technological Applications
14. 25PH... Applied Physics
15. 25PH... Radiological Physics
16. 25PH... Quantum Mechanics

17. 25PH...	Quantum and Nano Physics
18. 25PH...	Foundations of Quantum Physics
19. 25PH...	Quantum Physics Laboratory
20. 25PH...	Physics Laboratory
21. 25CH...	Engineering Chemistry
22. 25CH...	Electrochemical Science
23. 25CH...	Chemistry
24. 25CH...	Chemical Science
25. 25CH...	Chemistry in Technology Applications
26. 25CH...	Green and Computational Chemistry
27. 25BS...	Basic Sciences Laboratory
28. 25HSXXX	Business and Corporate Communication
29. 25AEXXX	Functional English
30. 25LAXXX	Heritage of Tamils
31. 25LAXXX	Tamils and Technology
32. 25HS...	Universal Human Values

ITEM No.3

Suggestions/Comments from External Expert Members and University Nominee to be recorded

The **University Nominee, Dr. G. Nagasubramaniyan, Professor, Department of Humanities, National Institute of Technology, Tiruchirappalli** has given the following suggestions -

- i. Suggested to include the course 'Environmental Science' as a mandatory course across all the programmes.
- ii. Gave suggestions that courses related to Tamil (as per anna university norms) need not be included under 'Liberal Arts Courses' category.
- iii. Recommended to include the topic, 'Public Speaking' in the course, 'Business and Corporate Communication'.

The **Course Expert for Mathematics, Dr. Marshal Anthoni S**, Associate Professor, Department of Mathematics, Anna University Regional Campus, Coimbatore –

- i. recommended the reference book Ward Cheney, David Kincaid, “Linear Algebra: Theory and Applications”, Jones and Bartlett Publishers, 2012 for the course 25MAXXX Linear Algebra and Differential Equations.
- ii. recommended the topic “Formation of Partial Differential Equations” in the course 25MAXXX Integral Calculus and Partial Differential Equations.
- iii. case study may be included from the second semester. The content of the case should be appropriate for first year students and align with their current level of core course knowledge and skills.

The **Course Expert for Physics, Dr. T. Venkatachalam**, Professor, Department of Physics, Coimbatore Institute of Technology, Coimbatore

- i. appreciated the initiative taken for the courses offered to IT – Quantum Mechanics in I Semester and Quantum and Nano Physics in II Semester; CSE – Foundations of Quantum Physics; IT – Quantum and Nano Physics Laboratory.
- ii. suggested to reduce some contents in certain courses (2 credits)

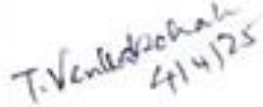
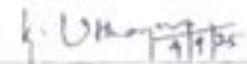
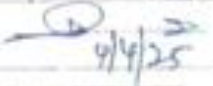
The **Course Expert for Chemistry, Dr. C. Sivasankari**, Professor and HoD, Department of Chemistry, Government College of Technology, Coimbatore

- i. gave a strong suggestion to include the course ‘Environmental Science’ as a mandatory course across all the programmes.
- ii. appreciated the contents of all the syllabi.
- iii. suggested that for Civil Programme, in the course, ‘Chemistry’, the course expert suggested to reduce the certain topics in the module ‘Analytical Techniques’ Nano chemistry could be a separate module.

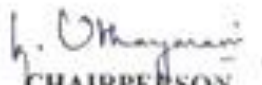
The **Course Expert for English, Dr. Suresh Kumar S P**, Associate Professor, Department of English, PSG College of Technology, Coimbatore -

- i. suggested that in the course, ‘Business and Corporate Communication’, the topics like Memorandum Writing and Interview Techniques could be included.
- ii. suggested to include Cloze Reading in the course Functional English.
- iii. stated that the papers for both semesters have been thoughtfully designed, adopting a practical approach that aligns with current needs

The following members were present -

S.No	Name and Particulars of the University Nominee, Experts and Members	Designation	Signature
1	Dr. G. Nagasubramaniyan Associate Professor Department of Humanities and Social Sciences National Institute of Technology Tiruchirapallai Email id: nagus@nitt.edu	University Nominee	 04/04/2025
2	Dr. Marshal Anthoni S Associate Professor Department of Mathematics Anna University Regional Campus, Coimbatore Navavoor, Coimbatore - 641 046 Mobile: +91 9894207162 Email id: smarshalanthoni@gmail.com	Course Expert - Mathematics	 04/04/2025
3	Dr. T. Venkatachalam Professor Department of Physics Coimbatore Institute of Technology Coimbatore - 600 025 Mobile: +91 9791535943 E-mail: tvenkatachalam@cit.edu.in	Course Expert - Physics	 4/4/25
4	Dr. C. Sivasankari Professor and HoD Department of Chemistry Government College of Technology Coimbatore - 600 013 Mobile: +91 9994433532 Email id: sankari@gct.ac.in	Course Expert - Chemistry	 4/4/25
5	Dr. Suresh Kumar SP Associate Professor Department of English PSG College of Technology Peelamedu, Coimbatore - 641 004 Mobile: +91 7339517889 Email id: sps.english@psgtech.ac.in	Course Expert - English	In absence
6	Dr. K. Uthayarani	Chairperson, HoD, Physics	 4/4/25
7	Dr. L. Ragunath	HoD, Chemistry	 4/4/25

8	Dr. A. Sekar	HoD, Mathematics	
9	Dr. Vichitra Sivaji	HoD, English	4/4/25
10	Dr. R. Santhi		4/4/25
11	Dr. P. Maheswari Naik	Associate Professor, Mathematics	4/4/25
12	Dr. R. Kesavasamy	Assistant Professor, Mathematics	4/4/25
13	Dr. M. RM. Krishnappa	Associate Professor, Physics	
14	Dr. S. Deivanayagi	Associate Professor, Physics	
15	Dr. M. Chitra	Assistant Professor, Physics	
16	Dr. J. Sheeja	Assistant Professor, Chemistry	4/4/25
17	Dr. N. Mohanapriya	Assistant Professor, Chemistry	4/4/25
18	Dr. R. Brindha	Assistant Professor, English	
19	Dr. M. Leena Chandrika	Assistant Professor, English	
20	Dr. P. Suganya	Assistant Professor, English	
21	Dr. B. Mathivanan	Associate Professor, CSE	


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 DEPARTMENT OF SCIENCE AND HUMANITIES



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 XX BOARD OF STUDIES MEETING FOR THE UG B.E / B.TECH / M.TECH - CSE - 5 YEAR INTEGRATED PROGRAMMES HELD ON 13.11.2024 THROUGH ONLINE MODE (GOOGLE MEET LINK : meet.google.com/mqu-oywe-kpk)

The following members attended the above meeting.

1. **Dr. G. Nagasubramanian (University Nominee)**
Associate Professor
Department of Humanities and Social Sciences
National Institute of Technology
Tiruchirapallai
Email id: nagus@nitt.edu
2. **Dr. Marshal Anthoni S (Subject Expert - Mathematics)**
Associate Professor
Department of Mathematics
Anna University Regional Campus, Coimbatore
Navavoor, Coimbatore - 641 046
Mobile: +91 9894207162
Email id: smarshalanthoni@gmail.com
3. **Dr. T. Venkatachalam (Subject Expert - Physics)**
Professor
Department of Physics
Coimbatore Institute of Technology
Coimbatore - 600 025
Mobile: +91 9791535943
E-mail: tvenkatachalam@cit.edu.in
4. **Dr. C. Sivasankari (Subject Expert - Chemistry)**
Professor and HoD
Department of Chemistry
Government College of Technology

Coimbatore - 600 013
Mobile: +91 9994433532
Email id: sankari@gct.ac.in

5. **Dr. Suresh Kumar SP (Subject Expert - English)**

Associate Professor
Department of English
PSG College of Technology
Peelamedu, Coimbatore - 641 004
Mobile: +91 7339517889
Email id: sps.english@psgtech.ac.in

The following members were present -

Department of Mathematics (Members)

1. Dr. A. Sekar
2. Dr. R. Santhi
3. Dr. P. Maheswari Naik

Department of Physics (Members)

1. Dr. K. Uthayarani
2. Dr. R. Kesavasamy
3. Dr. M. RM. Krishnappa
4. Dr. S. Deivanayaki
5. Dr. M. Chitra

Department of Chemistry (Members)

1. Dr. L. Ragunath
2. Dr. J. Sheeja
3. Dr. N. Mohanapriya

Department of English (Members)

1. Dr. Vichitra Sivaji
2. Dr. R.Brindha
3. Dr. M.Leena Chandrika
4. Dr. P. Suganya

Department of Computer Science and Engineering (Member)

Dr. B. Mathivanan, Associate Professor

Professor Dr. K. Uthayarani, Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 20th BoS meeting. After a brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

ITEM No.1

R2020

- It is resolved that Revised Regulation 2020 (Learning Outcome based Curriculum through Choice based Credit) will be followed for all B.E./B.Tech/5 year Integrated M.Tech. programmes for students admitted in the Academic year 2021 & onwards.

ITEM No.2

- It is resolved that the syllabi for the new Professional Elective courses under (Revised) Regulations 2020 be approved and passed.

ITEM No.3

- It is resolved that the syllabi for the Open Elective courses under (Revised) Regulations 2020 be approved and passed.
- It is resolved that the following new one credit courses will be included under (Revised) Regulations 2020 for B.E./B.Tech/5 year Integrated M.Tech. programme. - (if applicable).
- It is resolved that the NPTEL courses are approved for credit transfer during Nov/Dec 2024.
- It is resolved that the Result Analysis for the Academic Year 2023 – 2024 (Semesters VIII / VI/ IV/II) are approved and passed.
- 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.
- It is resolved that the new courses and its syllabi be approved for the Honors Specialization / minor in B.E./B.Tech/5 year Integrated M.Tech. Degree programme.

M.E./M.Tech Programmes:

- It is resolved that the PG Regulations 2022 will be followed for the students admitted from academic year 2023 and onwards.
- It is resolved that the syllabi for the Professional Elective courses under Regulations 2022 for M.E./M.Tech programmes be approved and passed.
- It is resolved that the syllabi for the Open Elective courses under (Revised) Regulations 2020 be approved and passed.
- It is resolved that the NPTEL courses are approved for credit transfer during Nov/Dec 2024.

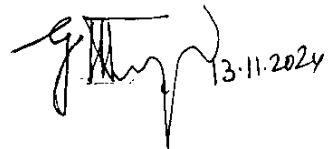
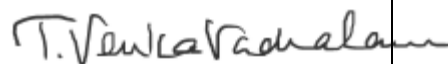
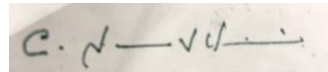
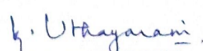
MBA Programme:

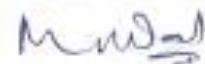
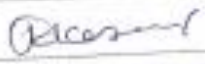
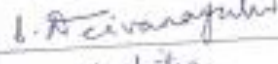
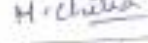
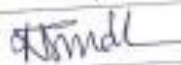
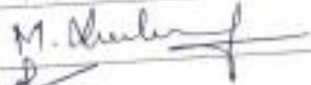
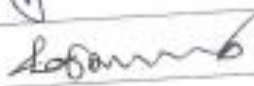
- It is resolved that the Revised Regulations 2020 will be followed for the students admitted from academic year 2022 and onwards.
- It is resolved that the electives be approved under Revised Regulations 2020 for MBA programmes.
- It is resolved that the NPTEL/MOOCs courses are approved for credit transfer.

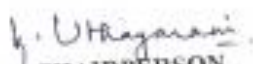
ITEM No.4**Suggestions/Comments from External Expert Members and University Nominee to be recorded.**

The University Nominee gave suggestions in the proposed Vision and Mission of the Institution. He suggested to include 'skills' in the phrase 'cutting-edge technologies' as 'cutting-edge technologies and skills' and also suggested that the Department of English to be well utilized for improvement in language skills, Personality Development and Employability skills.

The following members were present -

S.No	Name and Particulars of the University Nominee, Experts and Members	Designation	Signature
1	Dr. G. Nagasubramaniyan Associate Professor Department of Humanities and Social Sciences National Institute of Technology Tiruchirapallai Email id: nagus@nitt.edu	University Nominee	 13.11.2024
2	Dr. Marshal Anthoni S Associate Professor Department of Mathematics Anna University Regional Campus, Coimbatore Navavoor, Coimbatore - 641 046 Mobile: +91 9894207162 Email id: smarshalanthoni@gmail.com	Subject Expert - Mathematics	
3	Dr. T. Venkatachalam Professor Department of Physics Coimbatore Institute of Technology Coimbatore - 600 025 Mobile: +91 9791535943 E-mail: tvenkatachalam@cit.edu.in	Subject Expert - Physics	
4	Dr. C. Sivasankari Professor and HoD Department of Chemistry Government College of Technology Coimbatore - 600 013 Mobile: +91 9994433532 Email id: sankari@gct.ac.in	Subject Expert - Chemistry	
	Dr. Suresh Kumar SP Associate Professor Department of English PSG College of Technology Peelamedu, Coimbatore - 641 004 Mobile: +91 7339517889 Email id: sps.english@psgtech.ac.in	Subject Expert - English	
5	Dr. K. Uthayarani	Chairperson, HoD, Physics	

6	Dr. L. Ragunath	HoD, Chemistry	
7	Dr. A. Sekar	HoD, Mathematics	
8	Dr. Vichitra Sivaji	HoD, English	
9	Dr. R. Santhi	Associate Professor, Mathematics	
10	Dr. P. Maheswari Naik	Assistant Professor, Mathematics	
11	Dr. R. Kesavasamy	Associate Professor, Physics	
12	Dr. M. RM. Krishnappa	Associate Professor, Physics	
13	Dr. S. Deivanayagi	Assistant Professor, Physics	
14	Dr. M. Chitra	Assistant Professor, Physics	
15	Dr. J. Sheeja	Assistant Professor, Chemistry	
16	Dr. N. Mohanapriya	Assistant Professor, Chemistry	
17	Dr. R. Brindha	Assistant Professor, English	
18	Dr. M. Leena Chandrika	Assistant Professor, English	
19	Dr. P. Suganya	Assistant Professor, English	
20	Dr. B. Mathivanan	Associate Professor, CSE	


CHAIRPERSON
BOARD OF STUDIES
 Department of Science and Humanities

Dr. K. UTHAYARANI, Ph.D.,
 Professor & Head,
 Department of Physics,
 Sri Ramakrishna Engineering College,
 Coimbatore- 641 022



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MINUTES OF THE XIX BOARD OF STUDIES MEETING FOR THE UG B.E / B.TECH / M.TECH - CSE - 5 YEAR INTEGRATED PROGRAMMES HELD ON 05TH APRIL 2024 AT 11.00 AM IN IT SEMINAR HALL

The following members attended the above meeting.

1. **Dr. Harish Kumar – Physics Expert (University Nominee)**
Professor, Department of Physics
Pondicherry Engineering College, Pillachavady
Puducherry - 605014
Email : harishkumarholla@pec.edu Mobile : +91 94430 52957
2. **Dr. N. Rajendran (Subject Expert - Chemistry)**
Professor and Head
Department of Chemistry
Anna University
Chennai - 600025, Tamilnadu
Email : rajendranarasi@gmail.com Mobile : +91 9444908426
3. **Dr. M. Haridass (Subject Expert - Mathematics)**
Professor, Department of Mathematics
PSG College of Technology
Coimbatore - 641 004, Tamilnadu
Email : mhd.maths@psgtech.ac.in Mobile : + 91 9443420347
4. **Mr. Kevin Coyne (Subject Expert - English)**
Key Account Manager – South Asia
Cambridge Assessment English
Cambridge University Press and Assessment
No 28, Spurtank Road, Chetpet, Pincode: Chennai 600031
Email : kevin.coyne@cambridge.org Mobile: +91 9841017787

The following members were present -

Department of Mathematics (Members)

1. Dr. A. Sekar
2. Dr. R. Santhi
3. Dr. P. Maheswari Naik

Department of Physics (Members)

1. Dr. K. Uthayarani
2. Dr. R. Kesavasamy
3. Dr. M. RM. Krishnappa
4. Dr. S. Deivanayaki
5. Dr. M. Chitra

Department of Chemistry (Members)

1. Dr. L. Ragunath
2. Dr. J. Sheeja
3. Dr. N. Mohanapriya

Department of English (Members)

1. Dr. Vichitra Sivaji
2. Dr. R.Brindha
3. Dr. M.Leena Chandrika
4. Dr. P. Suganya

Department of Computer Science and Engineering (Member)

Dr. B. Mathivanan, Associate Professor

Prof. Dr. K. Uthayarani, Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 19th BoS meeting. After a brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

ITEM No.1

RR2020

- 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 Professional Elective courses under (Revised) Regulations 2020 be approved and passed.

ITEM No.3

- It is resolved that the syllabi for Open Elective courses under (Revised) Regulations 2020 be approved and passed.
- It is resolved that the Result Analysis for the Academic Year 2023 – 2024 (Semesters I/ VII / V/ III) are approved and passed.
- It is resolved that the specialization/minor courses are offered during the even semester of Academic Year 2023 – 2024.
- It is resolved that the students had completed 4/6 weeks of internship/inplant training be approved for the student in B.E.Degree programme
- It is resolved that the curriculum for the **B.E. (Mech/EEE/ECE) programme** for working professionals as communicated by AICTE through AICTE/P&AP/APH/2023-24/01 dated 24.08.2023 may be started with approval from Anna University, Chennai.

Under this, Mathematics courses to be offered for working Professionals will be in line with the Mathematics courses currently being offered for BE Lateral Entry students of Mechanical Engineering, Electrical and Electronics Engineering and Electronics and Instrumentation Engineering under RR2020.

- Readmitted / transferred student details (if applicable) could be included.
- Credit balance for the Readmitted / transferred students (if applicable) could be included.

M.E./M.Tech Programmes:

- It is resolved that the PG Regulations 2022 will be followed for the students admitted from academic year 2022 and onwards.
- It is resolved that the syllabi for the Professional Elective courses under Regulations 2022 for M.E./M.Tech programmes be approved and passed.

MBA Programme:

- It is resolved that the Revised Regulations 2020 will be followed for the students admitted from academic year 2021 and onwards.

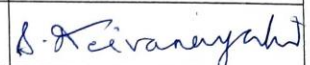
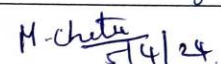
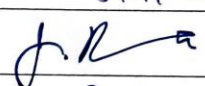
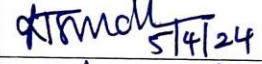
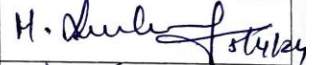
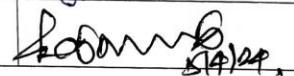
ITEM No.4

Suggestions/Comments from External Expert Members and University Nominee to be recorded

Mathematics courses to be offered for working Professionals in line with the Mathematics courses currently being offered for BE Lateral Entry students of Mechanical Engineering, Electrical and Electronics Engineering and Electronics and Instrumentation Engineering under RR2020 have been approved.

The following members were present -

S.No	Name and Particulars of the University Nominee, Experts and Members	Designation	Signature
1	Dr. Harish Kumar Professor, Department of Physics Puducherry Technological University Pillachavady Puducherry - 605014 Email : harishkumarholla@pec.edu Mobile : +91 94430 52957	University Nominee (Physics Expert)	Harish Kumar
2	Dr. N. Rajendran Professor and Head Department of Chemistry Anna University Chennai - 600025, Tamilnadu Email : rajendranarasi@gmail.com Mobile : +91 9444908426	Subject Expert - Chemistry	Rajendran 05/04/24
3	Dr. M. Haridass Professor, Department of Mathematics PSG College of Technology Coimbatore - 641 004, Tamilnadu Email : mhd.maths@psgtech.ac.in Mobile : + 91 9443420347	Subject Expert - Mathematics	M. Haridass
4	Mr. Kevin Coyne Key Account Manager – South Asia Cambridge Assessment English Cambridge University Press and Assessment No 28, Spurtank Road, Chetpet, Pincode: Chennai 600031 Email : kevin.coyne@cambridge.org Mobile: +91 9841017787	Subject Expert - English	Kevin Coyne
5	Dr. K. Uthayarani	Chairperson, HoD, Physics	K. Uthayarani
6	Dr. L. Ragunath	HoD, Chemistry	L. Ragunath 5/4/24
7	Dr. A. Sekar	HoD, Mathematics	A. Sekar 5/4/24
8	Dr. Vichitra Sivaji	HoD, English	V. Sivaji 5/4/24
9	Dr. R. Santhi	Associate Professor, Mathematics	R. Santhi 5/4/24
10	Dr. P. Maheswari Naik	Assistant Professor, Mathematics	P. Maheswari Naik 5/4/24

11	Dr. R. Kesavasamy	Associate Professor, Physics	
12	Dr. M. RM. Krishnappa	Associate Professor, Physics	
13	Dr. S. Deivanayagi	Assistant Professor, Physics	
14	Dr. M. Chitra	Assistant Professor, Physics	
15	Dr. J. Sheeja	Assistant Professor, Chemistry	
16	Dr. N. Mohanapriya	Assistant Professor, Chemistry	
17	Dr. R. Brindha	Assistant Professor, English	
18	Dr. M. Leena Chandrika	Assistant Professor, English	
19	Dr. P. Suganya	Assistant Professor, English	
20	Dr. B. Mathivanan	Associate Professor, CSE	


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**MINUTES OF THE XVIII BOARD OF STUDIES MEETING FOR THE UG B.E /
B.TECH / M.TECH - CSE - 5 YEAR INTEGRATED PROGRAMMES HELD ON
16TH NOVEMBER 2023 THROUGH ONLINE MODE**

The following members attended the above meeting.

1. **Dr. Harish Kumar – Physics Expert (University Nominee)**
Professor, Department of Physics
Pondicherry Engineering College, Pillachavady
Puducherry - 605014
Email : harishkumarholla@pec.edu Mobile : +91 94430 52957
2. **Dr. N. Rajendran (Subject Expert- Chemistry)**
Professor and Head
Department of Chemistry
Anna University
Chennai - 600025, Tamilnadu
Email : rajendranarasi@gmail.com Mobile : +91 9444908426
3. **Dr. M. Haridass (Subject Expert-Mathematics)**
Professor, Department of Mathematics
PSG College of Technology
Coimbatore - 641 004, Tamilnadu
Email : mhd.maths@psgtech.ac.in Mobile : + 91 9443420347
4. **Mr. Kevin Coyne (Subject Expert-English)**
Key Account Manager – South Asia
Cambridge Assessment English
Cambridge University Press and Assessment
No 28, Spurtank Road, Chetpet, Pincode: Chennai 600031
Email : kevin.coyne@cambridge.org Mobile: +91 9841017787

The following members were present -

Department of Mathematics (Members)

1. Dr. A. Sekar
2. Dr. R. Santhi
3. Dr. P. Maheswari Naik

Department of Physics (Members)

1. Dr. K. Uthayarani
2. Dr. R. Kesavasamy
3. Dr. M. RM. Krishnappa
4. Dr. S. Deivanayaki
5. Dr. M. Chitra

Department of Chemistry (Members)

1. Dr. L. Ragunath
2. Dr. J. Sheeja
3. Dr. N. Mohanapriya

Department of English (Members)

1. Dr. Vichitra Sivaji
2. Dr. R.Brindha
3. Dr. M.Leena Chandrika
4. Dr. P. Suganya

Department of Computer Science and Engineering (Member)

1. Dr. B. Mathivanan, Associate Professor

Prof. Dr. K. Uthayarani, Chairperson, Board of Studies, chaired the meeting and welcomed all the members to the 18th 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.

ITEM No.2

R2020

- 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.
- It is resolved that the syllabi for the following new Open Elective courses under (Revised) Regulations 2020 be approved and passed.
- 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.
- It is resolved that the **B.E. (Mech/EEE/ECE) programme** for working professionals as communicated by AICTE through AICTE/P&AP/APH/2023-24/01 dated 24.08.2023 may be started with approval from Anna University, Chennai. **(for the Programmes Applicable)**
- It is resolved that the following Tamil Courses and its syllabi as recommended by Anna University, Chennai has been approved as the Mandatory courses.

1. 20HS211 - Tamizhar Marabu (Heritage of Tamils)

2. 20HS212 - Thamizharum Thozhilnutpamum (Tamils and Technology)

The continuous assessment pattern for the mandatory course (Tamil) -

Internal Test 1– 40 marks

Two Mark Questions

5*2 = 10 marks

Descriptive Questions

2*15 = 30 marks

Internal Test 2 – 40 marks

Two Mark Questions

5*2 = 10 marks

Descriptive Questions

2*15 = 30 marks

Final Assessment – 100 marks

Two Mark Questions

10*2 = 20 marks

Descriptive Questions

5*16 = 80 marks

(1 compulsory question)

Continuous Internal Assessment

Internal 1 + Internal 2 (reduced to 40 marks) +
Final Assessment (reduced to 60 marks)
Total = Internal (40) + Final Assessment (60) = 100 Marks

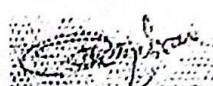
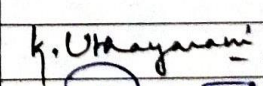
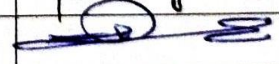
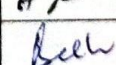
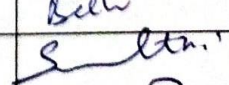
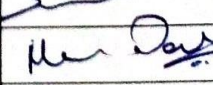
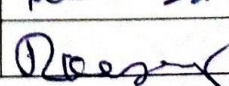
M.E./M.Tech Programmes:

- It is resolved that the PG Regulations 2022 will be followed for the students admitted from academic year 2022 and onwards.

ITEM No.4**Suggestions/Comments from External Expert Members and University Nominee**

The Tamil Courses - 20HS211-Tamizhar Marabu (Heritage of Tamils) and 20HS212-Thamizharum Thozhilnutpamum (Tamils and Technology) and its syllabi as recommended by Anna University, Chennai have been approved as the Mandatory courses and the assessment pattern is inline with the norms of Anna University, Chennai. The university nominee and all the subject experts have agreed the assessment pattern for the same.

The following members were present -

S.No	Name and Particulars of the University Nominee, Experts and Members	Designation	Signature
1	Dr. Harish Kumar Professor, Department of Physics Pondicherry Engineering College, Pillachavady Puducherry - 605014 Email : harishkumarholla@pec.edu Mobile : +91 94430 529357	University Nominee (Physics Expert)	Harish Kumar
2	Dr. N. Rajendran Professor and Head Department of Chemistry Anna University Chennai - 600025, Tamilnadu Email : rajendranarasi@gmail.com Mobile : +91 9444908426	Subject Expert - Chemistry	
3	Dr. M. Haridass Professor, Department of Mathematics PSG College of Technology Coimbatore - 641 004, Tamilnadu Email : mhd.maths@psgtech.ac.in Mobile : + 91 9443420347	Subject Expert - Mathematics	
4	Mr. Kevin Coyne Key Account Manager – South Asia Cambridge Assessment English Cambridge University Press and Assessment No 28, Spurtank Road, Chetpet, Pincode: Chennai 600031 Email : kevin.coyne@cambridge.org Mobile: +91 9841017787	Subject Expert - English	
5	Dr. K. Uthayarani	Chairperson, HoD, Physics	
6	Dr. L. Ragunath	HoD, Chemistry	
7	Dr. A. Sekar	HoD, Mathematics	
8	Dr. Vichitra Sivaji	HoD, English	
9	Dr. R. Santhi	Associate Professor, Mathematics	
10	Dr. P. Maheswari Naik	Assistant Professor, Mathematics	
11	Dr. R. Kesavasamy	Associate Professor, Physics	

12	Dr. M. RM. Krishnappa	Associate Professor, Physics	<i>M. RM. Krishnappa</i>
13	Dr. S. Deivanayagi	Assistant Professor, Physics	<i>S. Deivanayagi</i>
14	Dr. M. Chitra	Assistant Professor, Physics	<i>M. Chitra</i>
15	Dr. J. Sheeja	Assistant Professor, Chemistry	<i>J. Sheeja</i>
16	Dr. N. Mohanapriya	Assistant Professor, Chemistry	<i>N. Mohanapriya</i>
17	Dr. R. Brindha	Assistant Professor, English	<i>R. Brindha</i>
18	Dr. M. Leena Chandrika	Assistant Professor, English	<i>M. Leena Chandrika</i>
19	Dr. P. Suganya	Assistant Professor, English	<i>P. Suganya</i>
20	Dr. B. Mathivanan	Associate Professor, CSE	<i>B. Mathivanan</i>

K. Uthayarani
 CHAIRPERSON
 BOARD OF STUDIES
 Department of Science and Humanities Board
 Chairman
 Board of Studies



SRI RAMAKRISHNA ENGINEERING COLLEGE, COIMBATORE – 22

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**MINUTES OF THE XVII BOARD OF STUDIES MEETING FOR THE UG B.E /
B.TECH / M.TECH - CSE - 5 YEAR INTEGRATED PROGRAMMES HELD ON
APRIL 26, 2023 AT 11.00 A.M IN IT SEMINAR HALL**

The following expert members attended the meeting :

1. **Dr. Harish Kumar – Physics Expert (University Nominee)**
Professor, Department of Physics
Pondicherry Engineering College, Pillachavady
Puducherry - 605014
Email : harishkumarholla@pec.edu Mobile : +91 94430 52957
2. **Dr. N. Rajendran (Subject Expert- Chemistry)**
Professor and Head
Department of Chemistry
Anna University
Chennai - 600025, Tamilnadu
Email : rajendranarasi@gmail.com Mobile : +91 9444908426
3. **Dr. M. Haridass (Subject Expert-Mathematics)**
Professor, Department of Mathematics
PSG College of Technology
Coimbatore - 641 004, Tamilnadu
Email : mhd.maths@psgtech.ac.in Mobile : + 91 9443420347
4. **Mr. Kevin Coyne (Subject Expert-English)**
Key Account Manager – South Asia
Cambridge Assessment English
Cambridge University Press and Assessment
No 28, Spurtank Road, Chetpet, Pincode: Chennai 600031
Email : kevin.coyne@cambridge.org Mobile: +91 9841017787

The following members were present -

Department of Mathematics (Members)

1. Dr. A. Sekar
2. Dr. R. Santhi
3. Dr. P. Maheswari Naik

Department of Physics (Members)

1. Dr. K. Uthayarani
2. Dr. R. Kesavasamy
3. Dr. M. RM. Krishnappa
4. Dr. S. Deivanayaki
5. Dr. M. Chitra

Department of Chemistry (Members)

1. Dr. L. Ragunath
2. Prof. J. Sheeja
3. Prof. N. Mohanapriya

Department of English (Members)

1. Dr. Vichitra Sivaji
2. Dr. R.Brindha
3. Dr. M.Leena Chandrika
4. Dr. P. Suganya

Department of Mechanical Engineering (Member)

1. Dr. B. A. Saravanan, Professor

Dr. K. Uthayarani, Professor and Head / Physics, Chairperson, Board of Studies, Science and Humanities Board chaired the meeting and welcomed all the members to the 17th 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.

ITEM No.2

R2020

UG Programmes

- 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 courses under Regulations 2020 be approved and passed.
- It is resolved that the syllabi for the following new Professional Elective courses under (Revised) Regulations 2020 be approved and passed.
- It is resolved that the syllabi for the following new Open Elective courses under (Revised) Regulations 2020 be approved and passed.
- It is resolved that the following new one credit courses will be included under (Revised) Regulations 2020 for B.E. programme.
- It is resolved that the Result Analysis for the Academic Year 2022 – 2023 (Semesters VII / V/ III) are approved and passed.
- 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.
- 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. 20HS211 - Tamizhar Marabu (Heritage of Tamils)

2. 20HS212 - Thamizharum Thozhilnutpamum (Tamils and Technology)

- One student has been readmitted in the second semester of academic year 2022-2023
(2021 batch AI and DS Student 71812111016 - HARIDHRAA PRANAV J)
- Credit balance for the Readmitted / transferred students (if applicable) – to be included.

M.E./M.Tech Programmes:

- It is resolved that the PG Regulations 2022 will be followed for the students admitted from academic year 2022-2023 onwards.
- It is resolved that the new Curriculum and syllabi for be approved under Regulations R2022 for PG programmes

22MA1001 - ADVANCED APPLIED MATHEMATICS

22MA1003 - DATA ANALYTICS AND OPTIMIZATION TECHNIQUES

22MA1004 -MATHEMATICAL FOUNDATIONS OF COMPUTATIONAL INTELLIGENCE

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

MBA Programme:

- It is resolved that the PG Regulations 2022 will be followed for the students admitted from academic year 2020-2021 onwards.
- It is resolved that the new electives be approved under Regulations R2022 for MBA programmes.
- It is resolved that the following NPTEL/MOOCs courses are approved for credit transfer -

ITEM No.4

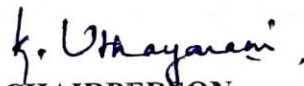
Suggestion by expert members on Regulations, Curriculum, various courses and electives

- Contents of the new courses are appropriate to the concerned programmes

The following members were present

S.No	Name and Particulars of the University Nominee, Experts and Members	Designation	Signature
1	Dr. Harish Kumar Professor, Department of Physics Pondicherry Engineering College, Pillachavady Puducherry - 605014 Email : harishkumarholla@pec.edu Mobile : +91 94430 52957	University Nominee (Physics Expert)	Harish Kumar
2	Dr. N. Rajendran Professor and Head Department of Chemistry Anna University Chennai - 600025, Tamilnadu Email : rajendranarasi@gmail.com Mobile : +91 9444908426	Subject Expert - Chemistry	Rajendran 26/04/23
3	Dr. M. Haridass Professor, Department of Mathematics PSG College of Technology Coimbatore - 641 004, Tamilnadu Email : mhd.maths@psgtech.ac.in Mobile : + 91 9443420347	Subject Expert - Mathematics	M. Haridass
4	Mr. Kevin Coyne Key Account Manager – South Asia Cambridge Assessment English Cambridge University Press and Assessment No 28, Spurtank Road, Chetpet, Pincode: Chennai 600031 Email : kevin.coyne@cambridge.org Mobile: +91 9841017787	Subject Expert - English	Kevin Coyne 26/04/2023
5	Dr. K. Uthayarani	Chairperson, HoD, Physics	K. Uthayarani
6	Dr. L. Ragunath	HoD, Chemistry	L. Ragunath 26/4/23
7	Dr. A. Sekar	HoD, Mathematics	A. Sekar 26/4/23
8	Dr. Vichitra Sivaji	HoD, English	V. Sivaji 26/4/23
9	Dr. R. Santhi	Associate Professor, Mathematics	R. Santhi 26/4/23
10	Dr. P. Maheswari Naik	Assistant Professor, Mathematics	P. Maheswari Naik

11	Dr. R. Kesavasamy	Associate Professor, Physics	R. Kesamy
12	Dr. M. RM. Krishnappa	Associate Professor, Physics	M. RM. Krishnappa
13	Dr. S. Deivanayagi	Assistant Professor, Physics	S. Deivanayagi
14	Dr. M. Chitra	Assistant Professor, Physics	M. Chitra
15	Prof. J. Sheeja	Assistant Professor, Chemistry	J. Sheeja
16	Prof. N. Mohanapriya	Assistant Professor, Chemistry	N. Mohanapriya
17	Dr. R. Brindha	Assistant Professor, English	R. Brindha 26/4/23
18	Dr. M. Leena Chandrika	Assistant Professor, English	M. Leena Chandrika 26/4/23
19	Dr. P. Suganya	Assistant Professor, English	P. Suganya
20	Dr. B. A. Saravanan	Professor, Mechanical Engineering	B. A. Saravanan


K. Umayarani
CHAIRPERSON
BOARD OF STUDIES
DEPARTMENT OF SCIENCE AND HUMANITIES



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MINUTES OF THE XVI BOARD OF STUDIES MEETING FOR THE UG B.E / B.TECH / M.TECH - CSE - 5 YEAR INTEGRATED PROGRAMMES HELD ON DECEMBER 07, 2022 AT 10.30 A.M THROUGH ONLINE (CISCO WEBEX PLATFORM)

The following expert members attended the meeting :

1. **Dr. Harish Kumar – Physics Expert (University Nominee)**
Professor, Department of Physics
Pondicherry Engineering College, Pillachavady
Puducherry - 605014
Email : harishkumarholla@pec.edu Mobile : +91 94430 529357
2. **Dr. N. Rajendran (Subject Expert- Chemistry)**
Professor and Head
Department of Chemistry
Anna University
Chennai - 600025, Tamilnadu
Email : rajendranarasi@gmail.com Mobile : +91 9444908426
3. **Dr. M. Haridass (Subject Expert-Mathematics)**
Professor, Department of Mathematics
PSG College of Technology
Coimbatore - 641 004, Tamilnadu
Email : mhd.maths@psgtech.ac.in Mobile : + 91 9443420347
4. **Mr. Kevin Coyne (Subject Expert-English)**
Key Account Manager – South Asia
Cambridge Assessment English
Cambridge University Press and Assessment
No 28, Spurtank Road, Chetpet, Pincode: Chennai 600031
Email : kevin.coyne@cambridge.org Mobile: +91 9841017787

The following members were present -

Department of Mathematics (Members)

1. Dr. A. Sekar
2. Dr. R. Santhi
3. Dr. P. Maheswari Naik

Department of Physics (Members)

1. Dr. K. Uthayarani
2. Dr. R. Kesavasamy
3. Dr. M. RM. Krishnappa
4. Dr. S. Deivanayaki
5. Dr. M. Chitra

Department of Chemistry (Members)

1. Dr. L. Ragunath
2. Prof. J. Sheeja
3. Prof. N. Mohanapriya
4. Mrs. M. Abirami

Department of English (Members)

1. Dr. Vichitra Sivaji
2. Ms. R.Brindha
3. Ms. M.Leena Chandrika
4. Dr. P. Suganya

Dr. K. Uthayarani, Professor and Head / Physics, Chairperson, Board of Studies, Science and Humanities Board chaired the meeting and welcomed all the members to the 16th 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.

ITEM No.2

R2020

UG Programmes

- 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.
 - 20HS208 - Communicative English for Engineers**
 - 20HS209 - C1 Level Advanced English**
 - 20HS210 - Intermediate English for Engineering**
- It is resolved that the Result Analysis for the Academic Year 2021 – 2022 are approved and passed.
- It is resolved that the Revised Uniform Evaluation Method of Students based on Relative Grading, as per the communications received from Anna University, Chennai be approved and passed.
- It is resolved that the curriculum and syllabi be approved for the Specialization / minor in degree programme

It is resolved that Award of UG (Hons) with Specialization, UG with Minor and UG (Hons) 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
3. B.E. / B.Tech. (Honours)

Norms for B.E. / B.Tech. (Hons) specialization in the same discipline, B.E. / B.Tech. (Hons) 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. (Hons)

- a) The student should have earned additional courses (minimum of 20 credits) from more than one 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.

iii) 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.

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	-
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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 passed 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.

- It is resolved that the UHV assessment pattern be approved and passed.

ASSESSMENT PATTERN

The following assessment pattern is followed

INTERNAL CONTINUOUS ASSESSMENT MARKS : 40 MARKS

Assessment by Faculty	: 10 marks
Self-Assessment	: 10 marks
Assessment by Peers	: 10 marks
Group Activities	: 10 marks

AUTONOMOUS END SEMESTER EXAMINATION : 60 MARKS

Multiple Choice Questions	: 7 * 1 = 7 marks
Fill in the Blanks	: 3 * 1 = 3 marks
Short Answer Questions	: 5 * 2 = 10 marks
Descriptive Questions	: 4 * 10 = 40 marks (1 compulsory)

Successful completion of the Universal Human Values and Professional Ethics (20HS205, 20HS206 and 20HS207) course will be awarded only on satisfying the following criteria -

The candidate must secure atleast 75 % of attendance in every semester of Universal Human Values and Professional Ethics - (20HS205, 20HS206 and 20HS207) course conducted during 3rd, 4th and 5th semesters respectively. The candidate who fails to secure 75% of attendance should redo the course in the subsequent semester.

Average of all the three semester (III, IV and V) assessment (Continuous Assessment and End Semester Examination) marks should be atleast of 50 % of the total marks for successful completion of the course.

The candidate has to repeat the End Semester Examination Assessment for the course for which he/she has scored less than 50% or absent for the Examination and complete the formalities before the commencement of the VII semester.

ITEM No.4

Suggestion by expert members on Regulations, Curriculum, various courses and electives

- All the experts appreciated the initiatives on specialisation / minors.
- The English Subject Expert appreciated the initiatives taken to be in line with Cambridge University's standard of learning.

The following members were present

S.No	Name and Particulars of the University Nominee, Experts and Members	Designation	Signature
1	Dr. Harish Kumar Professor, Department of Physics Pondicherry Engineering College, Pillachavady Puducherry - 605014 Email : harishkumarholla@pec.edu Mobile : +91 94430 529357	University Nominee (Physics Expert)	Harish Kumar
2	Dr. N. Rajendran Professor and Head Department of Chemistry Anna University Chennai - 600025, Tamilnadu Email : rajendranarasi@gmail.com Mobile : +91 9444908426	Subject Expert - Chemistry	

3	Dr. M. Haridass Professor, Department of Mathematics PSG College of Technology Coimbatore - 641 004, Tamilnadu Email : mhd.maths@psgtech.ac.in Mobile : + 91 9443420347	Subject Expert - Mathematics	<i>M. Haridass</i>
4	Mr. Kevin Coyne Key Account Manager – South Asia Cambridge Assessment English Cambridge University Press and Assessment No 28, Spurtank Road, Chetpet, Pincode: Chennai 600031 Email : kevin.coyne@cambridge.org Mobile: +91 9841017787	Subject Expert - English	<i>Kevin Coyne</i>
5	Dr. K. Uthayarani	Chairperson, HoD, Physics	<i>K. Uthayarani</i>
6	Dr. L. Ragunath	HoD, Chemistry	<i>L. Ragunath</i>
7	Dr. A. Sekar	HoD, Mathematics	<i>A. Sekar</i>
8	Dr. Vichitra Sivaji	HoD, English	<i>Bellu</i>
9	Dr. R. Santhi	Associate Professor, Mathematics	<i>R. Santhi</i>
10	Dr. P. Maheswari Naik	Assistant Professor, Mathematics	<i>M. Maheswari Naik</i>
11	Dr. R. Kesavasamy	Associate Professor, Physics	<i>R. Kesavasamy</i>
12	Dr. M. RM. Krishnappa	Associate Professor, Physics	<i>M. RM. Krishnappa</i>
13	Dr. S. Deivanayagi	Assistant Professor, Physics	<i>S. Deivanayagi</i>
14	Dr. M. Chitra	Assistant Professor, Physics	<i>M. Chitra</i>
15	Prof. J. Sheeja	Assistant Professor, Chemistry	<i>J. Sheeja</i>
16	Prof. N. Mohanapriya	Assistant Professor, Chemistry	<i>N. Mohanapriya</i>
17	Mrs. M. Abirami	Assistant Professor, Chemistry	<i>M. Abirami</i>
18	Prof. R. Brindha	Assistant Professor, English	<i>R. Brindha</i>
19	Prof. M. Leena Chandrika	Assistant Professor, English	<i>M. Leena Chandrika</i>
20	Dr. P. Suganya	Assistant Professor, English	<i>P. Suganya</i>

K. Uthayarani
CHAIRPERSON
BOARD OF STUDIES
DEPARTMENT OF SCIENCE AND HUMANITIES
Board of Studies



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MINUTES OF THE 15th BOARD OF STUDIES MEETING

Minutes of the 15th Board of Studies meeting for the UG B.E/B.Tech/M.Tech (CSE-5 year integrated) programmes were held on February 25, 2022, at 11.00 a.m. through online (Cisco Webex platform).

The following members attended the above meeting.

- 1. Dr. Harish Kumar (University Nominee)**
Professor, Department of Physics
Pondicherry Engineering College, Pillachavady, Puducherry - 605014
Email : harishkumarholla@pec.edu
Mobile : +91 94430 529357
- 2. Dr. N. Rajendran (Subject Expert - Chemistry)**
Professor and Head
Department of Chemistry
Anna University, Chennai - 600025, Tamilnadu
Email : rajendranarasi@gmail.com
Mobile : +91 9444908426
- 3. Dr. M. Haridass (Subject Expert - Mathematics)**
Professor, Department of Mathematics
PSG College of Technology, Coimbatore - 641 004, Tamilnadu
Email : mhd.maths@psgtech.ac.in
Mobile : + 91 9443420347
- 4. Mr. Kevin Coyne (Subject Expert - English)**
Key Account Manager – South Asia
Cambridge Assessment English, Cambridge University Press and Assessment
No 28, Spurtank Road, Chetpet,
Pincode: Chennai 600031
Email : kevin.coyne@cambridge.org
Mobile: +91 9841017787

The following members were present -

Department of Mathematics (Members)

1. Dr. A. Sekar
2. Dr. R. Santhi
3. Dr. P. Maheswari Naik

Department of Physics (Members)

1. Dr. K. Uthayarani
2. Dr. R. Kesavasamy
3. Dr. M. RM. Krishnappa
4. Dr. S. Deivanayaki
5. Dr. M. Chitra

Department of Chemistry (Members)

1. Dr. L. Ragunath
2. Prof. J. Sheeja
3. Prof. N. Mohanapriya
4. Mrs. M. Abirami

Department of English (Members)

1. Dr. Vichitra Sivaji
2. Ms. R.Brindha
3. Ms. M.Leena Chandrika
4. Dr. P. Suganya

Dr. K. Uthayarani, Professor and Head / Physics, Chairperson, Board of Studies, Science and Humanities Board 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

UG Programmes:

R2020

- 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.
- It is resolved that the syllabi for the following **new courses** under Regulations 2020 be approved and passed.
 - ◆ **OPTIMIZATION TECHNIQUES**
 - ◆ **GRAPH THEORY**
- It is resolved that the syllabi for the following **new open elective courses** under Regulations 2020 be approved and passed.
 - **MATHEMATICS FOR DATA SCIENCE**
 - **MATHEMATICS FOR MACHINE LEARNING**
 - **OPERATIONS RESEARCH**
 - **STATISTICS FOR BIG DATA ANALYTICS**
 - **GRAPH THEORY AND ITS APPLICATIONS**
 - **LIFE SKILLS AND PERSONALITY DEVELOPMENT**
 - **ART OF SPEAKING**
 - **GENERIC SKILLS FOR EMPLOYABILITY**
 - **GENDER PERSPECTIVE IN TEAM BUILDING & LEADERSHIP**
- 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.

INSTITUTIONAL ACTIVITIES

S.No	Course code	Course title	Faculty Advisor
1	20MC201	Sports and Games	Physical Director
2	20MC202	Empowerment through Yoga- Yoga & Meditation club	Faculty In charge
3	20MC203	National Cadet Corps	Associate NCC Officer
4	20MC204	National Service Scheme	Programme Officer
5	20MC205	Youth Red Cross	Programme Officer
6	20MC206	IEEE - Institute of Electrical and Electronics Engineers – Student Branch ➤ IEEE Women in Engineering ➤ IEEE Computer Society ➤ IEEE Engineering in Medicine and Biology Society	Faculty In charge
7	20MC207	Women empowerment Cell	Faculty In charge
8	20MC208	Soft skills	Faculty In charge
9	20MC209	English Literary Society	Faculty In charge
10	20MC210	Science Association	Faculty In charge
11	20MC211	ISTE-students chapter	Faculty In charge
12	20MC212	Tamil Mandram	Faculty In charge
13	20MC213	Renewable Energy club	Faculty In charge
14	20MC214	Philatelic club	Faculty In charge
15	20MC215	Phorartz club	Faculty In charge
16	20MC216	Quiz club	Faculty In charge
17	20MC217	Fine arts club	Faculty In charge
18	20MC218	Reading Club	Faculty In charge
19	20MC219	Red Ribbon club	Faculty In charge
20	20MC220	Robo club	Faculty In charge
21	20MC221	Uyir club	Faculty In charge
22	20MC222	YI YUVA	Faculty In charge
CSE			
1	20MC011	Association of Computer Engineers	Faculty Advisor
2	20MC012	Computer Society of India(Common to CSE,IT and AIDS)	Faculty Advisor
3	20MC013	Artificial Intelligence Club	Faculty In charge
4	20MC014	Foss club	Faculty In charge
5	20MC015	Nature club	Faculty In charge
ECE			
1	20MC021	Association of Electronics and Communication	Faculty Advisor

		Engineering	
2	20MC022	Institute of Electronics and Telecommunication Engineers Students Chapter	Faculty Advisor
3	20MC023	Social Innovation Club	Faculty In charge
EEE			
1	20MC031	Association of Electrical and Electronics Engineering	Faculty Advisor
2	20MC032	Indian Association for energy management professionals -IAEMB	Faculty Advisor
MECHANICAL			
1	20MC041	Mechanical Engineering Association	Faculty Advisor
2	20MC042	Institution of Engineers (IE)	Faculty Advisor
3	20MC043	Society of Automotive Engineers(SAE)	Faculty Advisor
IT &AIDS			
1	20MC051	Information Technology Engineers Association	Faculty Advisor
2	20MC052	Software development and information storage club	Faculty In charge
EIE			
1	20MC061	Association of Electronics and Instrumentation Engineers	Faculty Advisor
2	20MC062	Instrument Society of India	Faculty Advisor
3	20MC063	Social Development club	Faculty In charge
BME			
1	20MC071	Association of Biomedical Engineering	Faculty Advisor
2	20MC072	Biomedical Engineering Society of India	Faculty Advisor
4	20MC073	Biomedical Social Outreach club (BMSOC)	Faculty In charge
AERO			
1	20MC081	Aeronautical Engineers Association	Faculty Advisor
2	20MC082	SEDS India Students Chapter	Faculty Advisor
3	20MC083	Aero Modelling club	Faculty In charge
CIVIL			
1	20MC091	Association of Civil Engineering (CIVEANZ)	Faculty Advisor
2	20MC092	Indian Geotechnical Society	Faculty Advisor
3	20MC093	Green Kalam club	Faculty In charge
4	20MC094	Indian Concrete Institute	Faculty Advisor
ROBOTICS AND AUTOMATION			
1	20MC101	Robotics and Automation Association	Faculty Advisor

ALLIED SKILLS

The candidate under regulation 2020 has to complete the specified proficiency levels in any one of the following languages during his/her period of study.

Sl.No	Course code	Name of the Language	Prerequisite	Eligibility	Faculty Advisor
1	20MC271	English	BEC Preliminary (148 and above)	B2 Level (BEC Vantage)	English Department

2	20MC272	Spanish	-	Basic Spanish	Faculty Coordinator
3	20MC273	Hindi	Prathmic	Madhyama	
4	20MC274	Hindi	-	Basic Spoken Hindi	
5	20MC275	Technical Certification	Respective Department Faculty Coordinator		

ADDITIONAL COURSES

Sl.No.	Course code	Course title	Faculty Advisor
1	20MC291	Career Development and Placement Division - Employability and Enhancement Course	Faculty Advisor
2	20MC292	Bureau of Overseas Education	Faculty Advisor
3	20MC293	Entrepreneurship Development Centre	Faculty Advisor

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.

- 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 upto 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.
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- It is informed that the register number allotted for the students admitted to the various UG/PG programmes from the academic year 2021 – 2022 will be prefixed with the college code 7181. Hence the register number will be as follows.

Register Number : 718121XXYZZ

7181 - College Code
21 - Year of Admission
XX - Branch Code
Y - Section
ZZ - Serial number

- 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.
- R2020 syllabus and curriculum for B.E - CSE will be followed for the first year for the new programme M.Tech - Computer Science and Engineering (5 Year Integrated) which is introduced in the academic year 2021 - 2022 .
- The branch code for the M.Tech Computer Science and Engineering (5 Year Integrated) programme is as follows

Department Code : 53
Register No : XX 53 001
1st and 2nd digit : Year of Admission
3rd and 4th digit : Department Code
5th digit : Section 0 means A section
6th and 7th digit : Roll Numbers

ITEM No.3

- It is resolved that the syllabi for the following new courses under Regulations 2020 be approved and passed.
 1. 20MA221 OPTIMIZATION TECHNIQUES
 2. 20MA101 GRAPH THEORY
- It is resolved that the following new electives would be included under regulation R2020 for UG programmes:

OPEN ELECTIVES

1. 20MA2E01 MATHEMATICS FOR DATA SCIENCE
2. 20MA2E02 MATHEMATICS FOR MACHINE LEARNING
3. 20MA2E03 OPERATIONS RESEARCH
4. 20MA2E04 STATISTICS FOR BIG DATA ANALYTICS
5. 20MA2E05 GRAPH THEORY AND ITS APPLICATIONS
6. 20EN2E01 LIFESKILLS AND PERSONALITY DEVELOPMENT
7. 20EN2E02 ART OF SPEAKING
8. 20EN2E03 GENERIC SKILLS FOR EMPLOYABILITY
9. 20EN2E04 GENDER PERSPECTIVE IN TEAM BUILDING & LEADERSHIP

It was decided that the 2021–2022 batch of students would take **20EN2E01: Life Skills and Personality Development** and **20EN2E02: Art of Speaking** during the 3rd and 4th semesters.

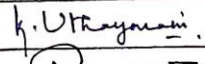
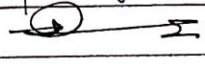
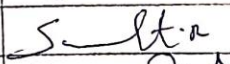
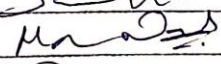
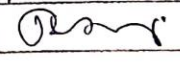
It was decided that the 2020 – 2021 batch of students would take **20EN2E03 - Generic Skills for Employability** and **20EN2E04 - Gender Perspective in Team Building and Leadership** during the 5th and 6th semesters.

ITEM No.4

Suggestion by expert members on Regulations, Curriculum, various courses and electives

- ♦ The University Representative has appreciated the concept of ‘LIVE IN LAB’ under R2020
- ♦ Suggestions and Comments from External Expert Members were included.

The following members were present

S.No	Name and Particulars of the University Nominee, Experts and Members	Designation	Signature
1	Dr. Harish Kumar Professor, Department of Physics Pondicherry Engineering College, Pillachavady Puducherry - 605014 Email : harishkumarholla@pec.edu Mobile : +91 94430 529357	University Nominee (Physics Expert)	Harish Kumar
2	Dr. N. Rajendran Professor and Head Department of Chemistry Anna University Chennai - 600025, Tamilnadu Email : rajendranarasi@gmail.com Mobile : +91 9444908426	Subject Expert - Chemistry	
3	Dr. M. Haridass Professor, Department of Mathematics PSG College of Technology Coimbatore - 641 004, Tamilnadu Email : mhd.maths@psgtech.ac.in Mobile : + 91 9443420347	Subject Expert - Mathematics	
4	Mr. Kevin Coyne Key Account Manager – South Asia Cambridge Assessment English Cambridge University Press and Assessment No 28, Spurtank Road, Chetpet, Pincode: Chennai 600031 Email : kevin.coyne@cambridge.org Mobile: +91 9841017787	Subject Expert - English	
5	Dr. K. Uthayarani	Chairperson, HoD, Physics	
6	Dr. L. Ragunath	HoD, Chemistry	
7	Dr. A. Sekar	HoD, Mathematics	
8	Dr. Vichitra Sivaji	HoD, English	
9	Dr. R. Santhi	Associate Professor, Mathematics	
10	Dr. P. Maheswari Naik	Assistant Professor, Mathematics	
11	Dr. R. Kesavasamy	Associate Professor, Physics	

12	Dr. M. RM. Krishnappa	Associate Professor, Physics	<i>M. RM. Krishnappa</i>
13	Dr. S. Deivanayagi	Assistant Professor, Physics	<i>S. Deivanayagi</i>
14	Dr. M. Chitra	Assistant Professor, Physics	<i>H. Chitra</i>
15	Prof. J. Sheeja	Assistant Professor, Chemistry	<i>J. Sheeja</i>
16	Prof. N. Mohanapriya	Assistant Professor, Chemistry	<i>N. Mohanapriya</i>
17	Mrs. M. Abirami	Assistant Professor, Chemistry	<i>M. Abirami</i>
18	Prof. R. Brindha	Assistant Professor, English	<i>R. Brindha</i>
19	Prof. M. Leena Chandrika	Assistant Professor, English	<i>M. Leena Chandrika</i>
20	Dr. P. Suganya	Assistant Professor, English	<i>P. Suganya</i>

K. Uthayasani
CHAIRPERSON
BOARD OF STUDIES
Department of Science and Humanities



SRI RAMAKRISHNA ENGINEERING COLLEGE, COIMBATORE – 22

[Educational Service : SNR Sons Charitable Trust]

[Autonomous Institution, Accredited 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 XIV BOARD OF STUDIES MEETING

Minutes of the 14th Board of studies meeting for the U.G B.E / B.Tech and P.G M.E / M.Tech programmes held on 24.04.2021 at 11.00 a.m in the Department of Science and Humanities.

The following members attended the above meeting –

1. Dr. Marshal Anthoni . S (University Nominee)

Assoc. Prof and Head

Anna University Regional Campus

Coimbatore – 641 046

Mobile : 9894207162

Email : smarshalanthoni@gmail.com

2. Dr. S. Mahadevan (Course Expert - Physics)

Deputy Dean

School of Engineering

Amrita University

Coimbatore-641 112

Mobile: +91 9944312309

Email : s_mahadevan@cb.amrita.edu

3. Dr. K. Ramesha (Course Expert - Chemistry)

Senior Principal Scientist

Department of Chemistry

Central Electro Chemical Research Institute

CSIR Road, MGR Nagar, Tharamani

Chennai – 600 113

Mobile : +91 81480 24108

Email : ramesha.cecric@gmail.com

4. Mr. Kevin Coyne (Representative from BEC – English)

Key Account Manager – South Asia

Cambridge Assessment English

Department of Mathematics (Members)

1. Dr. A. Sekar
2. Dr. R. Santhi
3. Dr. P. Maheswari Naik

Department of Physics (Members)

1. Dr. K. Uthayarani
2. Dr. R. Kesavasamy
3. Dr. M. RM. Krishnappa
4. Dr. S. Deivanayaki
5. Dr. M. Chitra

Department of Chemistry (Members)

1. Dr. L. Ragunath
2. Prof. J. Sheeja
3. Prof. N. Mohanapriya
4. Prof. B. Lalithamani

Department of English (Members)

1. Dr. Vathana Fenn
2. Prof. R. Brindha
3. Prof. M. Leena Chandrika
4. Dr. P. Suganya

Dr. K. Uthayarani, Chairman, Board of Studies chaired the meeting and welcomed all the members to the 14th BoS meeting. After a brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

14th Board of Studies Common Agenda (2020 - 2021)

For UG Programs

ITEM: I- It is resolved that Regulation 2016 (Version 1.0) will be followed (Choice Based Credit System) for all UG programmes for students admitted during the Academic year 2016 & onwards.

ITEM: II- It is resolved to follow Curricula of I BE/B.TECH Regulation 2020 (Choice Based Credit System) for I year BE /BTech students admitted from the academic year 2020-2021 onwards

R2020

- 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.
- For candidates admitted under Regulation 2020, the minimum number of credits to be earned for the successful completion of all B.E./B.Tech. programmes for regular candidates is 162 and later entry candidates is 120.
- It is resolved that the curriculum and syllabi under Regulations 2020 be approved for the categories of HS/BS/ES/PC/OE and PE (if any) of B.E / B TECH students
- It is resolved that the following new one credit courses will be included under Regulations 2020 for B.E / B TECH students
- It is resolved that the mandatory courses shall be in the following courses under Regulation 2020

Category	Course Title	
Personality and Character Development	Sports and Games Empowerment through Yoga National Cadet Corps National Service Scheme Youth Red Cross Co Curricular Activities Extra Curricular Activities Aptitude/Soft Skills	Any one Course
Allied Skills	English Proficiency Certification Foreign / Vernacular Languages Technical Certification Courses	Any one Course
Additional Courses	• Mandatory courses recommended by the Career Development and Placement Division • Bureau of Overseas Education • Entrepreneur Development Cell	Any one Course

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.
- It is resolved that the following new electives will be included under Regulations 2016 (Ver 1.0) for B.E / B TECH students
- It is resolved that the following new one credit courses will be included under Regulations 2016 (Ver 1.0) / R2020 for B.E / B TECH students
- It is resolved that the approved Summer School's / Winter School's / GIAN courses conducted by the foreign Universities for a minimum period of 10 days may be considered as equivalent to One Credit Course in the Regulation 2016 (Ver 1.0) / may be considered for credit transfer
- It is resolved that the NPTEL courses are approved for credit transfer during December 2020.
- Suggestion by expert members on Regulations, Curriculum, various courses and electives.
- The following discussions are taken as one time measure due to the COVID Pandemic.
 - Classes to be handled online with 5 sessions per day.
 - End semester examination to be conducted online.
 - Question Pattern - 70 multiple choice for 70 marks and 15 subjective questions (15 x 2) for 30 marks for 2 hours duration.
 - It is resolved that the Question paper setting ratio to be increased to 50% for the internal question paper setters for the end semester examination from 2020-2021 onwards.
 - It is resolved that the Valuation Answer Script ratio to be raised to 75% in the end semester examinations from 2020-2021 onwards.
 - It is resolved that the Valuation Answer Script ratio to be raised to 75% in the end semester examinations from 2020-2021 onwards.

Course Type	Question Pattern	Marks	Total Marks	Duration
3 / 4 / 2 Credit Courses	7 Multiple choice Questions 3 Fill in the Blanks without Choice 5 Short Answers 3 Descriptive Answers (2 out of 3) + One Compulsory Question	7 Marks 3 Marks 10 Marks 30 Marks	50 Marks	120 Minutes
Design Paper	02 Design Questions (Open Book test)	25 Marks Each	50 Marks	120 Minutes

- It is resolved that the following Question Paper pattern is approved for End Semester Examinations.

Course Type	Question Pattern	Marks	Total Marks	Duration
3 or 4 Credit Paper	7 Objective Questions (MCQ) 3 Fill in the blanks without Choice 5 short Answers 5 Descriptive answers (4 out of 6) + One Compulsory Question	7 Marks 3 Marks 15 Marks 75 Marks	100	180 minutes
2 Credit Paper and Theory cum Lab papers	5 Multiple choice Questions 5 Short Answers 5 Descriptive Answers (4 out of 6) + One Compulsory Question	5 Marks 15 Marks 50 Marks	70	150 minutes
Design Paper	04 Design Questions (4 out of 5)	25 Marks each	100	180 minutes

ITEM: III- It is resolved to follow the syllabi of the following courses for BE /BTech students admitted from the academic year 2020-2021 onwards.

- 20MA210 - PARTIAL DIFFERENTIAL EQUATIONS AND TENSOR CALCULUS
- 20MA211 - TRANSFORMS AND PARTIAL DIFFERENTIAL EQUATIONS
- 20MA212 - COMPUTATIONAL METHODS IN ENGINEERING-I
- 20MA213 - NUMERICAL METHODS
- 20MA214 - DISCRETE STRUCTURES AND COMBINATORICS
- 20MA215 - PROBABILITY AND STATISTICS
- 20MA216 - PROBABILITY AND QUEUEING THEORY
- 20MA217 - TRANSFORMS, PROBABILITY AND STATISTICS
- 20MA218 - PROBABILITY, STATISTICS AND NUMERICAL METHODS
- 20MA219 - PROBABILITY AND RANDOM PROCESSES
- 20MA220 - COMPUTATIONAL METHODS IN ENGINEERING- II
- 20PH213 - AIRCRAFT MATERIALS AND PROCESSES

-
- 20PH2E01 - CHARACTERISATION OF NANOSTRUCTURES
 - 20PH2E02 - NON-CONVENTIONAL ENERGY RESOURCES
 - 20PH2E03 - SOLAR TECHNOLOGY
 - 20PH2E04 - NEW ENGINEERING MATERIALS
 - 20CH2E51 - NANO MATERIALS FOR ENERGY AND ENVIRONMENT
 - 20CH2E52 - GREEN CHEMISTRY FOR ENGINEERS
 - 20CH2E53 - ANALYTICAL CHEMISTRY
 - 20CH2E54 - ENVIRONMENTAL SCIENCE AND SUSTAINABILITY
- MANDATORY COURSE - LEADERSHIP AND WORKPLACE ETIQUETTE**

ITEM: IV- Suggestion by expert members on Regulations, curriculum, various courses and electives

Nil

Board of Studies Common Agenda (2020 - 2021)

For PG Program

ITEM: I- It is resolved that Curricula and syllabi of Regulation 2015 will be followed for students admitted during the academic year 2018-2019.

ITEM: II- It is resolved that the PG Regulations 2018 be approved for the students admitted from academic year 2019-2020 onwards.

S.No	Name and Particulars of the University Nominee, Experts and Members	Signature
1	Dr. Marshal Anthoni (University Nominee)	S. Anthoni
2	Dr. S. Mahadevan (Course Expert)	S. Mahadevan
3	Dr. K. Ramesha (Course Expert)	K. Ramesha
4	Mr. Kevin Coyne (Representative from BEC)	Kevin Coyne
5	Chairperson Dr. K. Uthayarani, HoD, Physics	K. Uthayarani
6	Dr. L. Ragnath, HoD, Chemistry	L. Ragnath
7	Dr. A. Sekar, HoD, Mathematics	A. Sekar
8	Dr. Vathana Fenn, HoD, English	V. Fenn
9	Dr. R. Santhi, Associate Professor, Mathematics	R. Santhi
10	Dr. P. Maheswari Naik, Assistant Professor, Mathematics	P. Maheswari Naik
11	Dr. R. Kesavasaamy, Associate Professor, Physics	R. Kesavasaamy
12	Dr. M. RM. Krishnappa, Associate Professor, Physics	M. RM. Krishnappa
13	Dr. S. Deivamayaki, Assistant Professor, Physics	S. Deivamayaki
14	Dr. M. Chitra, Assistant Professor, Physics	M. Chitra
15	Prof. J. Shreeja, Assistant Professor, Chemistry	J. Shreeja
16	Prof. N. Mohanapriya, Assistant Professor, Chemistry	N. Mohanapriya
17	Prof. B. Lalithamani, Assistant Professor, Chemistry	B. Lalithamani
18	Prof. R. Briandha, Assistant Professor, English	R. Briandha
19	Prof. M. Leena Chandrika, Assistant Professor, English	M. Leena Chandrika
20	Dr. P. Suganya, Assistant Professor, English	P. Suganya

The minutes of the 14th BoS meeting is submitted for the approval of the Academic Council.

K. Utthayaramani
CHAIRMAN
BOARD OF STUDIES
Department of Science
and Humanities