



KUMARAGURU
college of technology
character is life

21st Academic Council Meeting Minutes



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[An Autonomous
Institution
Established in 1984
Affiliated to
Anna University Chennai
Approved by
AICTE, New Delhi
Accredited by NAAC]

Ref: KCT/ACM/M21/2021-2022

01st Sept 2021

Dear Sir / Madam,

Sub: 21stAcademic Council Meeting of Academic - reg.

We wish to inform that the 21stAcademic Council Meeting of Academic Autonomy of Kumaraguru College of Technology, Coimbatore is scheduled to be held at 11.00 am on **08th Sept 2021 (Wednesday) in ONLINE mode.**

AGENDA OF THE MEETING

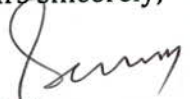
1. To consider and approve the following two new programmes under the Department of Management Studies for submission to the University to seek affiliation (and to the AICTE for approval if required) from the AY 2022-2023
 - a. **MBA-PROJECT MANAGEMENT(Full time - 2 years)**
 - b. **MBA - AGRI BUSINESS MANAGEMENT (Full time - 2 years)**
2. Any other matters

Kindly make it convenient to attend the meeting as per schedule.

Thanking You



Yours sincerely,


Dr. D. Saravanan
Principal

(Chairman Academic Council), Ph.D.,

PRINCIPAL

Kumaraguru College of Technology
Coimbatore - 641 049.

To
The Members Concerned

P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA

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MEETING OF THE 21st ACADEMIC COUNCIL

Date: 08th Sept 2021 (Wednesday)

Online Meeting : MS Teams Platform

TABLE AGENDA

Sl.No	Time	Agenda Points	By
1	11.00 am to 11.05 am	Welcome Address	Dr. D.Saravanan, Principal &Chairman – Academic Council, Autonomous Statute
2	11.05 am to 11.10 am	<ul style="list-style-type: none">Introduction of BoS chairpersons	Dr. S. Sundaresan, Head Autonomous
3	11.10 am to 12.10pm	For Approval of New Programmes Approval of the following two new programmes under the Department of Management Studies, from the Academic Year 2022-2023, and submission to the University for affiliation <ul style="list-style-type: none">a. MBA - PROJECT MANAGEMENT (Full time – 2 years)b. MBA - AGRIBUSINESS MANAGEMENT (Full time – 2 years) – PPT presentation	Dr. Mary Cherian HOD/MBA
4	12.10 pm to 12.25 pm	Any other matter with the permission of the Chairman, Academic Council, Autonomous Statute.	Dr. D.Saravanan, Principal & Chairman – Academic Council, Autonomous Statute
5	12.25 pm to 12.30 pm	Vote of Thanks	Dr. J. Vijay Prakash DCoE, KCT

Saravanan
04/09/2021

P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA

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MEMBERS OF THE ACADEMIC COUNCIL

Sl.No.	Name of the Member	Designation & Department
1.	Dr. D. Saravanan	Principal, Chairman - Academic Council
2.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering
3.	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering
4.	Dr. M. Saravanan Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering
5.	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering
6.	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering
7.	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics & Instrumentation Engineering
8.	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical & Electronics Engineering
9.	Dr. S. A. Pasupathy	Professor and Head, Chairman - Board of Electronics & Communication Engineering
10.	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering
11.	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology
12.	Dr. M. Alamelu	Professor and Head(i/c), Chairperson - Board of Information Technology
13.	Prof. U. Thiruvaazhi	Professor and Head(i/c), Chairman – Board of Information Science and Engineering
14.	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology
15.	Dr. G. Ramakrishnan	Professor and Head, Chairman – Board of Fashion Technology
16.	Dr K Maheswari	Head & Chairperson – Board of Mathematics
17.	Dr H Arul	Head & Chairman – Board of Physics
18.	Dr K R Aranganayagam	Head & Chairman – Board of Chemistry
19.	Dr Arokia Lawrence Vijay	Head & Chairman – Board of English
20.	Dr. Mary Cherian	Professor and Head, Chairperson – Board of Management Studies

21.	Dr. M. Manikantan	Professor and Head, Chairman – Board of Computer Applications
22.	Dr. M. Ezhilarasi	Associate Dean & Head School of Foundational Sciences

Teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the College

23	Dr. A. Vasuki	Controller of Examinations
24	Dr Vinohar Stephen Rapheal	Associate Professor - Biotechnology
25	Dr. S. Sundaresan	Head Autonomous / Asso. Prof Textile Technology
26	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, Academic Council Meeting

Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,

27	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	selvan.cm@srmuniv.ac.in selvancm@gmail.com director.et@srmuniv.ac.in +91-44-27456020 099400 36004
28	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	npiyer@npiyer.com Niranjan.P@c-a-m.com Tel: (91) 422 3995010 Fax: (91) 422 3995001 98947 90810
29	Mr.R.Ramesh (KCT Alumni – 1984-1988 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	ramesh@janatics.co.in Tel: +91 422 2672800 Fax: +91 422 2672304 98943 18377
30	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road,	Sudha11@yahoo.com Sudha.rengarajan@intel.com Direct: +91 80 2605 3939 Cell: +91 99803 93108 Fax: +91 80 2605 5251

		Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	
31	Mr.Hariharan Ganesan KCT Alumni	Head of R2 Data Labs, Rolls-Royce India Pvt. Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045.	Email:gehari@gmail.com Cell: +91 7892848224
Nominees of the University			
32	Dr. S. Shenbaga Devi	Former Professor Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025 Mobile: 99412 04021 044-2235 8870 Email id: s_s_devi@annauniv.edu	
33	Dr. J. Kumar	Former Professor Crystal Growth Centre Anna University, Chennai- 600 025 0091 – 44 – 22358329;22352774; +91 9444 125 128 Email ID: marsjk@gmail.com; marsjk@annauniv.edu	
34	Dr. J. Nafeesa Begum	Professor & Head Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104 Mobile: 94862 54133 Email ID: nafeesa.research@gmail.com	

Dr. D. SARAVANAN, M.Tech.,Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.

08th September 2021

Minutes of the 21st Meeting of Academic Council of the Autonomous Body

The 21st meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on **08th September 2021 (Wed) from 11.00 a.m. to 12.30 pm** in online mode via MS Teams.

Following members were present in the meeting:

Chairman – Academic Council – Autonomous Statue

1. Dr. D. Saravanan – Principal & Chairman, Academic Council

Members Nominated by Anna University Chennai		
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025
3.	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai- 600 025
4.	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104

Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,		
5.	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103
6	Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 02
7	Mr.P.Niranjan	CEO, Solids & Models Engineering Pvt Ltd 3rd Floor, Senthil Towers, 1078, Avinashi Road, Coimbatore - 641 018, India

Internal Members and Board Chairpersons		
Sl.No.	Name of the Member	Designation & Department
8	Dr. A. Vasuki	Controller of Examinations
9	Dr. S. Sundaresan	Head Autonomous
10	Dr. J. Vijay Prakash	Convener, AC Meeting
11	Dr. Vinohar Stephen Rapheal	Head – Academic Innovations
12	Dr. V. Selvan	Chairman – Board of Civil Engineering
13	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering
14	Prof. S. Sivakumar	Chairman -Board of Automobile Engineering
15	Dr. K. Sundararaj	Chairman - Board of Aeronautical Engineering
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20	Dr. M. Alamelu	Chairperson - Board of Information Technology
21	Dr. R. Baskar	Chairman – Board of Biotechnology
22	Dr. G. Ramakrishnan	Chairman –Board of Fashion Technology
23	Dr. M. Ezhilarasi	Associate Dean
24	Dr. H. Arul	Chairman - Board of Physics
25	Dr. Mary Cherian	Chairperson –Board of Management Studies
26	Dr. M. Manikantan	Chairman – Board of Computer Applications
27	Dr. M. Suguna	Chairperson - Information Science and Engineering

01. Welcome Address

Dr. D. Saravanan, Principal, KCT and Chairman – Academic Council, welcomed the members to the 21st meeting of the Academic Council and briefed the proceedings.

02. Approval of newly introduced programme:

Dr. D. Saravanan, Principal & Chairman, Academic Council invited Head of the Department – Chairperson, BoS of Management Studies to present and seek the approval for the Regulations, Curriculum and Syllabus of the two new PG programme as per the details mentioned below:

- ✓ **Curriculum and Syllabi for the Two years MBA - PROJECT MANAGEMENT (Full time – 2 years)** to be introduced from the AY 2022-2023 under Regulations 2022

After detailed deliberations, the committee approved the above proposal for the AY 2022-2023.

- ✓ **Curriculum and Syllabi for the Two years MBA - AGRIBUSINESS MANAGEMENT (Full time – 2 years)** to be introduced from the AY 2022-2023 under Regulations

After detailed deliberations, the committee approved the above proposal for the AY 2022-2023.

03. Any other matter with the permission of the Chair: - NIL

04. Suggestion by the external members of the Academic Council: -

Members appreciated the curriculum and syllabi framed for the MBA - PROJECT MANAGEMENT and MBA - AGRIBUSINESS MANAGEMENT

MBA - PROJECT MANAGEMENT

Suggestions from Dr.J.Kumar - University Nominee

- Suggested to interact with Nandan Nilekani, Former Chairman of the Unique Identification Authority of India (UIDAI) to get idea on Smart City Management, Smart Management in Health Care.
- Advised to consult the Lakshmi Machine works , FORGE for getting addition input for fine tuning the curriculum and syllabus.
- Suggested to invite faculty from Computer Science and Mechanical Engineering Departments to be a part of the programme.
- Appreciated that this programme could be a flagship programme for KCT.

Suggestions from Dr. S. Shenbaga Devi - University Nominee

- Suggested to verify the total credit of the programme (Total credit is 102) with Anna University MBA programme.
- It was clarified that the existing MBA programme of KCT has the total credit of 102.
- To the query of whether the mandatory courses for MBA has been included.
- It was clarified that the mandatory courses for MBA have been included.
- Asked clarification about why end semester examination duration is 2 hours, and it is clarified that existing programme end semester examination is conducted for duration of 2 hours.

Suggestions from Dr. J. Nafeesa Begum - University Nominee

- Suggested to include computer based analytical tools to analyse the project implementation.
- Training on computer applications for project management can be considered.

Suggestion from Mr.P.Niranjana, Industry Nominee

- Training on smart MS project may be included.

Suggestion from Ms.Sudha Rengarajan - Alumnus

- SAFe agile frame work can be included

MBA - AGRIBUSINESS MANAGEMENT**Suggestions from Dr.J.Kumar - University Nominee**

- Project on integrated uses of plantain can be considered.
- TNAU can be consulted for getting additional inputs to fine tune the syllabus.
- Topic on crop yield management can be included.
- Development of different Mobile Apps can be a part of the programme for the benefit of farmers.
- Involve the Association Members from domains of sugarcane, plantains, paddy, and animal husbandry to get inputs and suggestions

Suggestions from Dr. S. Shenbaga Devi - University Nominee

- Suggested to give focus on processing, ware house, market management areas
- Grouping of electives courses may be done as per specialization.

Suggestion from Dr. J. Nafeesa Begum - University Nominee

- Grouping of elective courses can be done as per specialization.

Suggestion from Ms.Sudha Rengarajan - Alumnus

- IoT applications concepts can be included in curriculum.





Suggestion from Mr. R. Ramesh – Alumnus

- Post Graduate Diploma course in project management can also be considered.

05.Vote of Thanks

Dr. J. Vijay Prakash, Deputy Controller of Examinations proposed vote of thanks.

Approved by**Signature**

1	Dr. D. Saravanan	Chairman - Academic Council / Principal	
Nominee of Anna University			
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai - 600 025.	
3	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai-600 025.	
4	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri - 635 104	 08/09/21 Dr. J. NAFEESA BEGUM, M.E., M.S., Professor, Department of CSE Government College of Engineering Bargur-635104, Krishnagiri District.

The meeting came to an end at 12.30 pm.
















Chairman, Academic Council / Principal




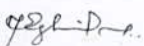




Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru College of Technology,
Coimbatore - 641 049.

Experts Nominated by the Governing Body:

Sl.No.	Name of the Member	Organization	Signature
5	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore - 560 103	
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Internal Members and Board Chairman/Chairpersons:

Sl.No.	Name of the Member	Designation & Department	Signature
8	Dr. A. Vasuki	Controller of Examinations	
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24	Dr. H. Arul	Chairman - Board of Physics	
25	Dr. Mary Cherian	Chairperson - Board of Management Studies	
26	Dr. M. Manikantan	Chairman - Board of Computer Applications	
27	Dr. M. Suguna	Chairperson - Information Science and Engineering	

Members not present:

Sl.No.	Name of the Member	Organization	Role
1	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur - 603 203	Experts Nominated by Governing Body
2	Mr.Hariharan Ganesan KCT Alumni	Head of R2 Data Labs, Rolls-Royce India Pvt.Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045	Experts Nominated by Governing Body
3	Dr. Anil Kumar	Chairman - Board of Electronics & Instrumentation Engineering	Internal Members and Board Chairpersons
4	Dr. K. R. Aranganayagam	Chairman - Board of Chemistry	Internal Members and Board Chairpersons
5	Dr. K. Maheswari	Chairperson - Board of Mathematics	Internal Members and Board Chairpersons
6	Dr. B. Arokia Lawrence Vijay	Chairman - Board of English	Internal Members and Board Chairpersons
7	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering	Internal Members and Board Chairpersons

To: All the members



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Chairman, Academic Council /Principal

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.



ACADEMIC COUNCIL MEETING
Sept. 8, 2021

Department of Management Studies



Members of Board of Studies

Industry Experts:

- Mr.K.Ravi, CFO, Roots Group of Companies, Coimbatore
- Mr.Dhineshkumar, Project Lead, Lantrasoft (P)Limited, Coimbatore
- Dr.Chandrasekaran A, Founder Director, Infocareer, Chennai


Alumni:

- Ms.Krishna Rubigha, CEO, Ampere Voltage Consulting(P) Limited, Coimbatore

Special Invitee:


- Mr. R Rajiv Aravindan, Bid Manager (Projects), Siemens Mobility Ltd, Singapore.

4




MBA - Project Management

Board of Studies conducted on 28.08.2021




2



Why MBA in Project Management?

- Project management is a fast-growing, high-paying career that offers the potential to work in almost any field
- Today, project management skills are in high demand in almost every commercial sector
- Demand for project managers is also likely to remain strong in future years, stimulated by several factors, including:
 - Compression of the life cycle for products and / or services.
 - Technological advancement and the explosion of knowledge.
 - Widespread adoption of the triple bottom line philosophy (planet, people, profit).

5



Members of Board of Studies

University Nominee:

- Dr.Thamaraiselvan N, Professor, National Institute of Technology, Trichy

Academic Experts:

- Dr.P.Chithramani, Dean & Professor, Avinashilingam University,Coimbatore
- Dr.V.Senthilkumar, Professor, Indian Institute of Technology, Palakad

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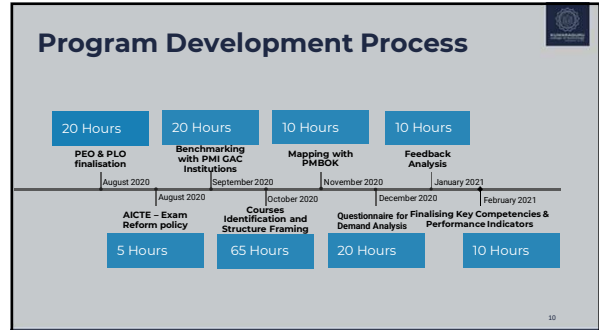
Program Highlights

- Design of the Curriculum – Jointly Designed by KCT and PMP certified experts and mapped to the ten PMI Knowledge areas
- Benchmarking of curricula with GAC-PMI accredited institutions
- Delivery of Theory Courses – Jointly by KCT and PMP certified experts
- Project Work – With renowned Project Organisations
- No other institute in the region offers such a program
- Aim to get accredited in 2025 by GAC-PMI, USA – very few institutions across the globe are accredited by GAC -PMI

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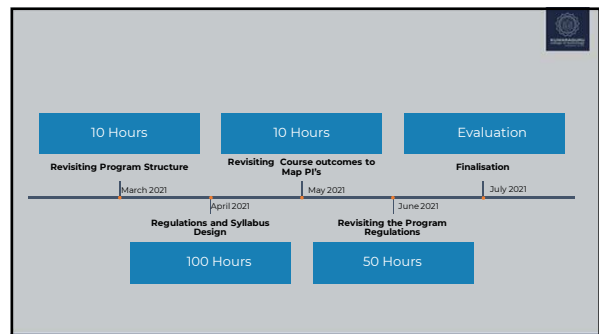
Why GAC – PMI Accreditation?

- Objective of accreditation is to prepare students to meet the current and anticipated needs of businesses and government organisations for qualified professionals working in the field
- Confirmation of program commitment to educational quality and continuous improvement
- Peer recognition and achievement of quality benchmarks
- Differentiation as one of the select group of programs that embraces and promotes the discipline of project management



Program Delivery

- Summer Internship : 3 - 4 weeks
- Project Management Research I : 6 weeks
- Project Management Research II : 8 – 9 weeks
- Expert Talks
- Case studies and field work to elaborate practical application
- Project based practical learning - Capstone Simulation, Internship and Project Management Research



Observations by Members of BOS

- " Well structured program and mapped to the relevant PMI Knowledge areas" - **Dr.V.Senthilkumar, Indian Institute of Technology, Palakad.**
- " Association with PMI and PMI certifications forms the USP and adds value to the program" - **Mr.Dhineshkumar, Project Lead, Lantrasoft (P)Limited, Coimbatore.**
- "Capstone simulation will provide a hands-on experience for the future project managers" - **Dr.P.Chithramani, Avinashilingam University, Coimbatore.**

Proposed Regulations R2022 MBA(PM) - Highlights

Vision and Mission Statements
Program Learning Outcomes and Program Educational Objectives
Adoption of "Competencies and Performance Indicators" as a real measure of OBE
Minimum Credit Threshold – 102
Credit Hours Distribution: Lecture, Tutorial, Practical, Self work, Field work, Projects
Types of course classification Core - Integrated, Core – Functional, Core – PD, Optional Electives, Open Electives , Projects, Value added courses
Semester based Curriculum
Assessments and Weightages End of Semester to be assessed through a two hours assessment

Assessments

Credits	Continuous Assessment		End Semester	
	Format	Marks	Format	Marks
4 Credits	CAT (written/ computer based), and other course based assessments as indicated in course plan	50	Written/ Computer based Exam or Project Report & Viva Voce	50
3 Credits	CAT (written/ computer based), and other course based assessments as indicated in course plan	50	Written/ Computer based Exam or Project Report & Viva Voce	50
2 Credits	Decided by course committee and indicated in course plan	50	No End Semester Examination required	-
1 Credit	Decided by course committee and indicated in course plan	50	No End Semester Examination required	-

Program Structure - Semester II

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/FW	
Core - Integrated	Research Methodology	2			2	3
Core - Integrated	Decision Models for Projects	2	1			3
Core - Integrated	Procurement and Supply Chain Management	2			2	3
Core - Functional	Cost Management in Projects	2	1			3
Core - Functional	Project Design for Quality	2	1			3
Core - Functional	Project Planning and Control	2	1			3
Core - Functional	Project Selection and Appraisal	2	1			3
Core - PD	Project Communication Skills	2				2
Core - Functional	Project Management Capstone Simulation	1		2		2
Total Credits in Semester II						25

Program Framework

Course Type	Sem I	Sem II	Summer Internship	Sem III	Sem IV
Core courses	9	9	3	3	3
Functional courses	12	14		3	3
Electives (Open + Optional)	-	-		8	8
Professional Development courses	2	2		2	1
Project	2	-		6	12
TOTAL	25	25		25	27
Total Credits				102	

Program Structure - Semester III

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/FW	
Core - Integrated	Strategic Project Management	2	1			3
Core - Functional	Practical Application of Project Management Software	2		2		3
Core - PD	Project Negotiation Skills	2				2
Project	Project Management Research 1					6
Elective	Elective 1 (Open elective)					4
Elective	Elective 2 (Optional elective)					4
Project	Summer Internship					3
Total Credits in Semester III						25

Program Structure - Semester I

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/FW	
Core - Foundation	Managerial Economics	2			2	3
Core - Foundation	Accounting for Management	1	1		2	3
Core - Foundation	Managing People and Organisations	2	1			3
Core - Functional	Principles of Project Management	2	1			3
Core - Functional	Project Portfolio Management & Program Management Office	2	1			3
Core - Functional	Project Integration and Stakeholder Management	2	1			3
Core - Functional	Project Scope and Schedule Management	2	1			3
Core - PD	Project Leadership Skills	1			2	2
Project	Industrial Immersion Project					2
Total Credits in Semester I						25

Program Structure - Semester IV

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/FW	
Core - Integrated	Business Law and Ethics	2			2	3
Core - Functional	Project Risk Management	2	1			3
Elective	Elective 3 (Open elective)					4
Elective	Elective 4 (Optional elective)					4
Core - PD	Managing Project Team Skills	1				1
Project	Project Management Research 2					12
Total Credits in Semester IV						27
Total Cumulative Credits						102

Program Structure – Open Electives

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/F W	
Elective	Marketing for Managers	2	1		2	4
Elective	Strategic Human Capital Management	2	1		2	4
Elective	Operations Management	2	1		2	4
Elective	Corporate Finance	2	1		2	4

- Program would provide students with competencies necessary to succeed as project management leaders for modern organizations.
- Students would be trained on project management tools, techniques, and processes necessary to effectively manage organizational projects in the global economy.

Program Structure – Optional Electives

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/F W	
Elective	Agile Project Management	2	1		2	4
Elective	Knowledge Management	2	1		2	4
Elective	Project Contract Management	2	1		2	4
Elective	Project Innovation and Entrepreneurship	2		2	2	4

Few Industry Connects

- ### Employment Potential and Other Outcomes
- Project managers are in high demand due to dearth of project managers with the requisite knowledge and skills in the industry.
 - Careers openings exist at all levels in fields such as construction, finance, health care, information technology, government and property development.

MBA – Agribusiness Management

Board of Studies conducted on 28.08.2021

Members of Board of Studies

University Nominee:

- Dr. Thamaraiselvan Natarajan, National Institute of Technology, Trichy.

Academic Expert:

- Dr.P.Chithramani, Dean & Professor, Avinashilingam University, Coimbatore.
- Dr. Xavier Jacob, Professor, College of Agriculture, Trivandrum.
- Prof. Sukhpal Singh, Professor, IIM(Ahmedabad).

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Program Highlights

- Real Time Projects
- Summer Internship 3-4 weeks during summer vacation
- Project Phase I, Project Phase II : 15 credits
- Value added courses : 03 credits
- Real Time Learning through Farm, Dairy Plant, Agri Business Units visits : SW & FW
- Collaboration with KIA

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Members of Board of Studies

Industry Expert:

- Mr. R. Rajendran, MD, Rasi Seeds, Coimbatore.
- Mr. K. Ravi, CFO, Roots Group of Companies, Coimbatore
- Mr. Dhineshkumar, Project Lead, Lantrasoft (P)Limited, Coimbatore

Alumni:

- Ms. Krishna Rubigha, CEO, Ampere Voltage Consulting Pvt. Ltd.,

Special Invitee:

- Prof. Sudheer K P, Kerala Agricultural University, Thrissur.

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Program Delivery

- Summer Internship : 3 – 4 weeks
- Project Phase I : 5 - 6 weeks
- Project Phase II : 8 – 9 weeks
- Farm/diary/Agri-business unit Program
- Expert Talks, case studies

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Why MBA in Agribusiness Management

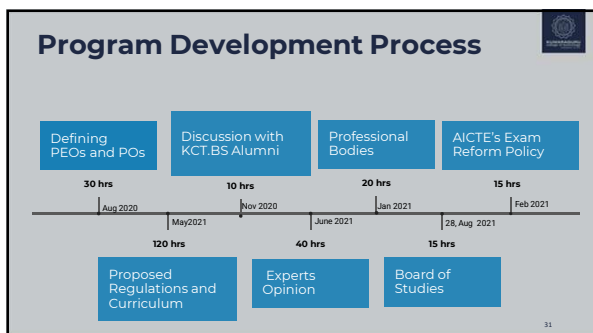
- Potential to address challenges of food and related sectors
- Demand for value added foods
- Integration of food markets
- Transform an individual into a professional agribusiness manager

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Observations by Members of BoS

- Mr. Ravi, Roots Industries - appreciated the initiative and emphasised the need for MBA in ABM program.
- Mr. Rajendran, Raasi Seeds - highlighted the significance of courses in Analytics and Statistics
- Dr. Thamaraiselvan, NIT - Suggested to have MoU with research centres in Agriculture.
- Dr. Easwaramoorthy, Amity University - Suggested to explore the organisation 'CARGILL' to understand the employers expectations.

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Program Framework

Course Type	Sem I	Sem II	Summer Internship	Sem III	Sem IV
Core courses	17	15		9	9
Functional courses	8	8		-	-
Electives (Open + Optional)	-	-		10	10
Core PD	1	1		1	-
Project			3	6	9
TOTAL	26	27		26	28
Total Credits	107				

Proposed Regulations R2022 MBA(ABM) - Highlights

Vision and Mission Statements
Program Learning Outcomes and Program Educational Objectives
Minimum Credit Threshold – 107
Credit Hours Distribution: Lecture, Tutorial, Practical, Self work, Field work, Projects
Types of course classification Core – Foundation, Functional, PD, Optional Electives, Open Electives , Projects, Value added courses
Semester based Curriculum
Assessments and Weightages End of Semester to be assessed through a two hours assessment

Program Structure - Semester I

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/FW	
Core Course - Foundation	Principles of Management and Organizational Behaviour	2	1			3
Core Course - Foundation	Managerial Economics	3				3
Core Course - Foundation	Managerial Accounting and Control	2	1			3
Core Course - Foundation	Statistical Methods	2	1			3
Core Course - Foundation	Marketing Management	2	1			3
Core Course - Foundation	Computers For Managers	1		2		2
Functional Courses	Environmental Economics	3	1			4
Functional Courses	Micro And Macro Economics Theory	4				4
Core Course PD	Management and Business Communication	1				1
Total Credits in Semester I						26

Assessments

Credits	Continuous Assessment		End Semester	
	Format	Marks	Format	Marks
4/5 Credits	CAT (written/ computer based), and other course based assessments as indicated in course plan	50	Written/ Computer based Exam or Project Report & Viva Voce	50
3 Credits	CAT (written/ computer based), and other course based assessments as indicated in course plan	50	Written/ Computer based Exam or Project Report & Viva Voce	50
2 Credits	Decided by course committee and indicated in course plan	50	No End Semester Examination required	-
1 Credit	Decided by course committee and indicated in course plan	50	No End Semester Examination required	-

Program Structure - Semester II

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/FW	
Core Course - Foundation	Research Methodology in Business Management	2	1			3
Core Course - Foundation	Project Management and Entrepreneurship Development	2		2	2	3
Core Course - Foundation	Managerial Economics in Agribusiness	2			2	3
Core Course - Foundation	Financial Management	2	1			3
Core Course - Foundation	Business Law and Ethics	2	1			3
Project	Summer Internship					3
Functional Courses	Operations Research	3	1			4
Functional Courses	Agri Business Analysis and Forecasting	3			2	4
Core Course PD	Behavioral Sciences	1				1
Total Credits in Semester II						27

Program Structure - Semester III

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/FW	
Core Course - Foundation	Agribusiness Environment & Policy	2	1			3
Core Course - Foundation	Resource Management	2	1			3
Core Course - Foundation	Disaster Management	2			2	3
Elective - Open	Elective I	3	1		2	5
Elective - Optional	Elective I	3	1		2	5
Core Course PD	Management Information System	1				1
Project Phase I	Research in Agri Business Management I					6
Total Credits in Semester III						26

Program Structure – Optional Electives

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/FW	
Elective	International Trade & Sustainability Governance	3	1		2	5
Elective	Feed Business Management	3	1		2	5
Elective	Food Retail Management	3	1		2	5
Elective	Farm Business Management	3	1		2	5

Program Structure - Semester IV

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/FW	
Core Course - Foundation	Food Technology & Processing Management	2	1			3
Core Course - Foundation	Agri Business-Supply Chain Management	2			2	3
Core Course - Foundation	Farm Power & Machinery Management	2			2	3
Elective - Open	Elective II	3	1		2	5
Elective - Optional	Elective II	3	1		2	5
Project Phase II	Research in Agri Business Management II					9
Total Credits in Semester IV						28

- ### Employment Potential and Other Outcomes
- Agri Business Managers are in high demand as Agri sector provides employment to 58% of total population and contributing 16% of GDP.
 - Career opportunities at all levels in domains such as Market Research, Food Processing, Animal Husbandry, Operations, Business Development, BFSI.

Program Structure – Open Electives

Course Type	Course Title	Credit Hours				Credits
		L	T	P	SW/FW	
Elective	Leadership in Rural Industries & Communities	3	1		2	5
Elective	Agribusiness Marketing	2	1		4	5
Elective	Statistical And Econometric Methods	3	1		2	5
Elective	Environmental and Agricultural Policies	3	1		2	5
Elective	Rural Marketing	2		2	4	5

- Program would introduce the students with cutting edge technology adoption in farm management, changing market dynamics and revolutionary approaches.
- Program tries to create not only Agri business managers but also Agripreneurs by transforming individuals into agricultural enthusiasts to create their own start ups in the long run.

Industry Connect

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THANK YOU



KUMARAGURU
college of technology
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20th Academic Council Meeting Minutes

Kumaraguru College of Technology, Coimbatore

MEETING OF THE 20th ACADEMIC COUNCIL

Date: 04.08.2021 (Wednesday)

Online Meeting : MS Teams Platform

TABLE AGENDA

Sl.No	Time	Agenda Points	By
1	11.00 am to 11.05 am	Welcome Address	Dr. D.Saravanan, Chairman – Academic Council
2	11.05 am to 11.10 am	<ul style="list-style-type: none"> • Introduction of BoS chairpersons. • Approval of the minutes of the standing committee meeting 	Dr. S. Sundaresan, Head Autonomous
3	11.10 am to 11.25 am	<p>For Approval of New Programmes</p> <p>Approval of R-2018 Curriculum and syllabi for Two years M.Tech., Defence Technology (collaborative programme with DRDO) under the Department of Aeronautical Engineering, from the Academic Year 2021-2022, and submission to the University for affiliation (AICTE Approval received).</p> <p style="text-align: right;">– PPT presentation</p>	Dr. K. Sundararaj HOD/AERO
4	11.25 am to 11.40 am	<p>Regulation and Amendments</p> <p>Approval of Regulation, Curriculum and Syllabi of MBA (R2021)</p> <p style="text-align: right;">– PPT presentation</p>	Dr. Mary Cherian HOD/MBA
5	11.40 am to 12.15 pm	<p>Approval of Elective Courses in BE/BTech & ME/MTech programmes under Regulations 2018 and R-2020 of MCA.</p> <p style="text-align: right;">– PPT presentation</p> <ul style="list-style-type: none"> ✓ Biotech ✓ Computer Science ✓ Information Science ✓ Electrical & Electronics ✓ Electronics and Communication ✓ Electronics & Instrumentation ✓ Information Technology ✓ Aero ✓ Auto ✓ Civil ✓ Fashion Technology ✓ Mechanical ✓ Mechatronics ✓ Textile Technology ✓ Technology Management ✓ Master of Computer applications ✓ School of Foundation Sciences <p style="text-align: right;">– PPT presentation</p>	HOD / BT HOD / CSE HOD / ISE HOD / EEE HOD / ECE HOD / EIE HOD / IT HOD/AE HOD/AU HOD / CE HOD / FT HOD / ME HOD / MCE HOD / TT HOD/MCA Coordinator HODS

6	12.15 pm to 12.25 pm	Any other matter with the permission of the Chairman, Academic Council, Autonomous Statute.	Dr. D. Saravanan, Chairman – Academic Council
7	12.25 pm to 12.30 pm	Vote of Thanks	Dr.J.Vijay Prakash DCOE/KCT

MEMBERS OF THE ACADEMIC COUNCIL

Sl.No.	Name of the Member	Designation & Department
1.	Dr. D. Saravanan	Principal, Chairman - Academic Council
2.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering
3.	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering
4.	Dr. M. Saravanan Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering
5.	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering
6.	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering
7.	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics & Instrumentation Engineering
8.	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical & Electronics Engineering
9.	Dr. S. A. Pasupathy	Professor and Head, Chairman - Board of Electronics & Communication Engineering
10.	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering
11.	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology
12.	Dr. M. Alamelu	Professor and Head(i/c), Chairperson - Board of Information Technology
13.	Prof. U. Thiruvaazhi	Professor and Head(i/c), Chairman – Board of Information Science and Engineering
14.	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology
15.	Dr. G. Ramakrishnan	Professor and Head, Chairman – Board of Fashion Technology
16.	Dr K Maheswari	Head & Chairperson – Board of Mathematics
17.	Dr H Arul	Head & Chairman – Board of Physics
18.	Dr K R Aranganayagam	Head & Chairman – Board of Chemistry
19.	Dr Arokia Lawrence Vijay	Head & Chairman – Board of English
20.	Dr. Mary Cherian	Professor and Head, Chairperson – Board of Management Studies

21.	Dr. M. Manikantan	Professor and Head, Chairman – Board of Computer Applications
22.	Dr. M. Ezhilarasi	Associate Dean – Academic Compliance

Teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the College

20	Dr. A. Vasuki	Controller of Examinations
21	Dr Vinohar Stephen Rapheal	Associate Professor - Biotechnology
22	Dr. S. Sundaresan	Head Autonomous / Asso. Prof TT
23	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, Academic Council Meeting

Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,

24	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	selvan.cm@srmuniv.ac.in selvancm@gmail.com director.et@srmuniv.ac.in +91-44-27456020 099400 36004
25	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	npiyer@npiyer.com Niranjan.P@c-a-m.com Tel: (91) 422 3995010 Fax: (91) 422 3995001 98947 90810
26	Mr.R.Ramesh (KCT Alumni – 1984-1988 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	ramesh@janatics.co.in Tel: +91 422 2672800 Fax: +91 422 2672304 98943 18377
27	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road,	Sudha11@yahoo.com Sudha.rengarajan@intel.com Direct: +91 80 2605 3939 Cell: +91 99803 93108 Fax: +91 80 2605 5251

		Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	
28	Mr.Hariharan Ganesan KCT Alumni	Head of R2 Data Labs, Rolls-Royce India Pvt. Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045	Email: gehari@gmail.com Cell: +91 7892848224
Nominees of the University			
29	Dr. S. Shenbaga Devi	Former Professor Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025 Mobile: 99412 04021 044-2235 8870 Email id: s_s_devi@annauniv.edu	
30	Dr. J. Kumar	Former Professor Crystal Growth Centre Anna University, Chennai- 600 025 0091 – 44 – 22358329;22352774; +91 9444 125 128 Email ID: marsjk@gmail.com ; marsjk@annauniv.edu	
31	Dr. J. Nafeesa Begum	Professor & Head Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104 Mobile: 94862 54133 Email ID: nafeesa.research@gmail.com	

KUMARAGURU COLLEGE OF TECHNOLOGY
(An Autonomous Institution affiliated to Anna University, Chennai)

Office of the Coordinator Autonomous

KCT/COE/SCM-23/2021-2022

Date: 30th July 2021

Minutes of the meeting of 23rd Standing Committee

A meeting of the Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore, was held on Friday, **30th July 2021 at 11.00 am** in online mode via MS Teams.

The following members were present for the meeting.

Sl.No.	Name of the Member	Designation & Department
1.	Dr. D.Saravanan	Chairman – Standing Committee
2.	Dr. V. Selvan	Chairman – Board of Civil Engineering
3.	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering
4.	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering
5.	Prof. S. Sivakumar	Chairman -Board of Automobile Engineering
6.	Dr. K. Sundararaj	Chairman - Board of Aeronautical Engineering
7.	Dr. K. K. Anilkumar	Chairman - Board of Electronics & Instrumentation Engineering
8.	Dr. K. Malarvizhi	Chairperson – Board of Electrical & Electronics Engineering
9.	Dr. S. A. Pasupathy	Chairman -Board of Electronics & Communication Engineering
10.	Dr. P. Devaki	Chairperson – Board of Computer Science and Engg.
11.	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology
12.	Dr. M. Alamelu	Chairperson - Board of Information Technology
13.	Dr.M.Suguna	Chairperson – Board of Information Science and Engineering.
14.	Dr. R. Baskar	Chairman – Board of Biotechnology
15.	Dr. G. Ramakrishnan	Chairman – Board of Fashion Technology
16.	Dr. Mary Cherian	Chairperson – Board of Management Studies
17.	Dr.M. Manikantan	Professor and Head, Chairperson – Board of Computer Applications
18.	Dr.H.Arul	Chairperson – Board of Physics
19.	Dr.K.R.Aranganayagan	Chairperson – Board of Chemistry
20.	Dr.K.Maheswari	Chairperson – Board of Mathematics
21.	Dr.B.Arokya Lawrence Vijay	Professor and Head, Chairperson – Board of English

Sl.No.	Name of the Member	Designation & Department
22.	Dr. M. Ezhilarasi	Associate Dean
23.	Dr. P. Nalini	Faculty Incharge – M.Tech (MTM)
24.	Dr. A. Vasuki	Controller of Examinations
25.	Dr. S. Sundaresan	Head Autonomous / Asso. Prof Textile Technology
26.	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, Academic Council Meeting
27.	Dr. Vinohar Stephen Rapheal	Head, Innovation and Planning, DoA

The following points were discussed in the meeting:

- ❖ Dr. D.Saravanan, Principal – Chairman Academic Council welcomed all the members and gave the overall view of the BoS minutes of meeting conducted by departments. Suggested the chairpersons of the BoS to record the BoS minutes based on the BoS agenda.
- ❖ *Dr. D.Saravanan , Principal – Chairman Academic Council invited Dr. K. Sundararaj, Professor and Head, Chairman - Board of Aeronautical Engineering to present the R-2018 Curriculum and syllabi for Two years M.Tech., Defence Technology (collaborative programme with DRDO).*

The syllabus and curriculum of the M.Tech., Defence Technology was discussed.

- ❖ *Dr. D.Saravanan, Principal – Chairman Academic Council invited Dr. Mary Cherian Professor and Head, Chairperson –Board of Management Studies to present the new regulation, MBA 2021 [R21] and proposed amendment of regulation and curriculum for MBA (IEV) 2020*

The proposed new regulation, MBA 2021 [R21] was presented and discussed. New vision and mission statements were presented. PEO and PLO (Programme Learning Outcomes) presented and discussed. Presented the new curriculum for MBA-2021[R21] and syllabus for first and second semester for 2021. Details of credit of courses were presented and discussed. Credit hours for lecture, practical, self-work and Field work has been presented and discussed. Change in end semester exam duration as 2 hours instead of three hours in off line mode has been proposed. Semester based curriculum has been followed in R21 instead of term based curriculum. Minimum credit earned for award of degree can be mentioned and suggested that the ceiling for maximum credit can be removed.

Modification in credit distribution for MBA (IEV) were presented and discussed. Introduction of field work and self-work component was presented. Proposed the change in continuous assessment evaluation to 50% as formative-continuous examination scheme and remaining 50% assessment by summative continuous examination scheme. Suggestion given by BoS members were presented.

❖ *Dr. D. Saravanan, Principal – Chairman Academic Council invited various HODs- Chairman of BoS of various programmes to present and get the approval R-2018 & R-2020 Curriculum and Syllabus for all B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes (New Electives and one credit courses) as per the details mentioned below:*

❖ The Department wise abstract of R-2018 Curriculum and Syllabus for all B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes are presented as per the details mentioned below:

S.No	Department	UG	PG
1	Bio Technology	3 professional electives included	One mandatory noncredit course “Research Ethics” and two one credit course included
2	Electronics and Communication Engineering	Two professional and one open elective included	Informed about presentation of Curriculum and syllabi for two years M. Tech - IT (Artificial Intelligence & Robotics) Programme in BoS and got approved by BoS members (year of Implementation 2022-23)
3	Computer Science Engineering	3 one credit courses were included	One mandatory noncredit course “Research Ethics” included
4	Artificial Intelligence & Data Science	3 rd & 4 th semester syllabus presented	-----
5	Information Science and Engineering	New lab experiments added One professional elective added	-----
6	Electrical and Electronics Engineering	4 professional electives and 1 one credit course included	One mandatory noncredit course “Research Ethics” included
7	Electronics and Instrumentation Engineering	4 professional electives included	-----
8	Information Technology	Suggestions for next regulation by BoS members presented	1 professional elective and One mandatory noncredit course “Research Ethics” included
9	Aeronautical Engineering	4 professional electives and 1 one credit course included	-----
10	Automobile Engineering	One professional elective added	-----
11	Civil Engineering	Value added courses included	One mandatory noncredit course “Research Ethics” included
12	Fashion Technology	6 one credit courses included	One mandatory noncredit course “Research Ethics” included
13	Mechanical Engineering	7 Protosem courses and 6 one credit courses included	One professional elective course included. One mandatory noncredit course

S.No	Department	UG	PG
			“Research Ethics” included
14	Mechatronics Engineering	2 professional electives included	-----
15	Textile Technology	4 professional electives and 4 one credits courses included	One mandatory noncredit course “Research Ethics” included
16	Master of Computer Applications	-----	3 rd and 4 th Semester syllabus reviewed, Bridge courses for non-computer students presented in BOS
17	School of Foundation Sciences 1) Physics	One open elective course and 1 one credit course included	-----
	2) Chemistry	One open elective course, one elective course, Ph.D course works included	-----
	3) Mathematics	4 one credit courses included	-----
	4) English	Language elective courses (3 foreign language and one regional language) included, 2 one credits courses and one open elective course included	-----

- ✓ Dr.Ezhilarasi/Associate Dean presented the Experiential Engineering I and II -project mode, extra credit courses offered to first year students
- ✓ Dr. D. Saravanan, Principal – Chairman Academic Council suggested to present the Experiential Learning I and II- project mode, extra credit courses in BOS.

The committee approved all the above points.

Dr. D. SARAVANAN, M.Tech.,Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.

The meeting ended at 2.00pm.

Chairman, Academic Council / Principal

To

All the members concerned



04th Aug 2021

Minutes of the 20th Meeting of Academic Council of the Autonomous Body

The 20th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 04th Aug 2021 (Wed) from 11.00 a.m. to 1.30 pm in online mode via MS Teams.

Following members were present in the meeting:

Chairman – Academic Council – Autonomous Statue

1. Dr. D. Saravanan – Principal & Chairman, Academic Council

Members Nominated by Anna University Chennai		
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025
3.	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai- 600 025
4.	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104

Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,		
5.	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103

Internal Members and Board Chairpersons		
Sl.No.	Name of the Member	Designation & Department
6	Dr. A. Vasuki	Controller of Examinations
7	Dr. S. Sundaresan	Head Autonomous
8	Dr. J. Vijay Prakash	Convener, AC Meeting
9	Dr. Vinohar Stephen Rapheal	Head – Academic Innovations
10	Dr. V. Selvan	Chairman – Board of Civil Engineering
11	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering

Internal Members and Board Chairpersons		
Sl.No.	Name of the Member	Designation & Department
12	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering
13	Prof. S. Sivakumar	Chairman -Board of Automobile Engineering
14	Dr. K. Sundararaj	Chairman - Board of Aeronautical Engineering
15	Dr. P. S. Mayurapriyan	Chairman - Board of Electronics & Instrumentation Engineering
16	Dr. K. Malarvizhi	Chairperson – Board of Electrical & Electronics Engineering
17	Dr. S. A. Pasupathy	Chairman -Board of Electronics & Communication Engineering
18	Dr. P. Devaki	Chairperson – Board of Computer Science and Engineering
19	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology
20	Dr. M. Alamelu	Chairperson - Board of Information Technology
21	Dr. R. Baskar	Chairman – Board of Biotechnology
22	Dr. G. Ramakrishnan	Chairman –Board of Fashion Technology
23	Dr. M. Ezhilarasi	Associate Dean
24	Dr. H. Arul	Chairman - Board of Physics
25	Dr. K. R. Aranganayagam	Chairman - Board of Chemistry
26	Dr. K. Maheswari	Chairperson - Board of Mathematics
27	Dr. B. Arokia Lawrence Vijay	Chairman - Board of English
28	Dr. Mary Cherian	Chairperson –Board of Management Studies
29	Dr. M. Manikantan	Chairman – Board of Computer Applications
30	Dr. M. Suguna	Chairperson - Information Science and Engineering

01. Welcome Address

Dr. D. Saravanan, Chairman – Academic Council, welcomed the members to the 20th meeting of the Academic Council and briefed the proceedings.

02. Approval of newly introduced programme: M.Tech., Defence Technology

Dr. D. Saravanan, Principal & Chairman, Academic Council invited Head of the Department - Chairman of Aeronautical Engineering BoS to present and seek the approval for the Curriculum and Syllabus of the new PG programme as per the details mentioned below:

- ✓ ***Curriculum and Syllabi of the Two years M.Tech., Defence Technology (collaborative programme with DRDO)*** to be introduced from the AY 2021-2022 under Regulations 2018.

After detailed deliberations, the committee approved the above proposal for the AY 2021-2022.

03. Approval of newly introduced Regulation, Curriculum, Syllabus and Amendments in existing Regulations are discussed

Chairman Academic Council invited Dr. Mary Cherian Professor and Head, Chairperson –Board of Management Studies to present the new regulation, MBA 2021 [R21] and proposed amendment of regulation and curriculum for MBA (IEV) 2020

After detailed deliberations, the committee approved the above proposal for the AY 2021-2022.

04. Approval of the Elective Courses in BE/BTech & ME/MTech programmes under Regulations 2018 and R-2020 of MCA.

Chairman Academic Council invited various chairpersons of BoS of various programmes to present and get the approval R-2018 Curriculum and Syllabus of B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes(R2020), New Electives and one credit courses as per the details mentioned below:

- ❖ The Boardwise abstract of R-2018 Curriculum and Syllabus for all B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes are presented as per the details mentioned below:

S.No	Board	UG	PG
1	Bio Technology	3 professional electives included	One mandatory noncredit course "Research Ethics" and two one credit course included
2	Electronics and Communication Engineering	Two professional and one open elective included	Presented curriculum and syllabi for two years M. Tech - IT (Artificial Intelligence & Robotics) Programme in BoS and got approved by BoS members (year of Implementation 2022-23) One mandatory noncredit course "Research Ethics" included
3	Computer Science Engineering	3 one credit courses were included	One mandatory noncredit course "Research Ethics" included
4	Artificial Intelligence & Data Science	3 rd & 4 th semester syllabus presented	-----
5	Information Science and Engineering	New lab experiments added One professional elective added	-----
6	Electrical and Electronics Engineering	4 professional electives and 1 one credit course included	One mandatory noncredit course "Research Ethics" included
7	Electronics and Instrumentation Engineering	4 professional electives included	-----
8	Information Technology	-----	One professional elective and One mandatory noncredit course "Research Ethics" included
9	Aeronautical Engineering	5 professional electives and 1 one credit course included	-----

S.No	Board	UG	PG
10	Automobile Engineering	One professional elective added	-----
11	Civil Engineering	-----	One mandatory noncredit course "Research Ethics" included
12	Fashion Technology	6 one credit courses included	One mandatory noncredit course "Research Ethics" included
13	Mechanical Engineering	6 one credit courses included	One professional elective course included. One mandatory noncredit course "Research Ethics" included
14	Mechatronics Engineering	2 professional electives included	-----
15	Textile Technology	4 professional electives and 4 one credits courses included	One mandatory noncredit course "Research Ethics" included
16	Master of Computer Applications	-----	3 rd and 4 th Semester syllabus reviewed, Bridge courses for non-computer students presented in BOS
17	School of Foundation Sciences 1) Physics	One open elective course and 1 one credit course included	-----
	2) Chemistry	One open elective course, one elective course, Ph.D course works included	-----
	3) Mathematics	4 one credit courses included	-----
	4) English	Language elective courses (3 foreign language - French, German, Japanese and one regional language - Hindi) included, 2 one credits courses and one open elective course included	-----

After detailed deliberations, the committee approved the above proposal for the AY 2021-2022.

05. Any other matter with the permission of the Chair:-

Dr. J. Nafeesa Begum suggestion:

- Reusable and recycling of plastics topics can be added in the Textile Technology courses.
- Topics related to PPE protection kit, filters and nano filters and masks can be included in protective textile course of Textile Technology.

06. Suggestion by the external members of the Academic Council:-

- For M.Tech (Defence Technology) new programme
 - MoU with DRDO can be done


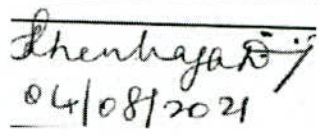

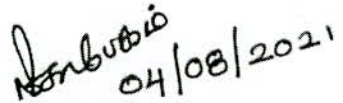
- Facilities in L&T and LMW Coimbatore can be utilized
- Visit to Combat Vehicles Research and Development Establishment (CVRDE) and MIT Aero Space Technology is recommended.
- Ordinance Factory at Tiruchi to be visited.
- Expertise of Prof. R. M. Vasagam and Dr. Mysamy Annadurai may be invited for this new programme for fine tuning course content.
- Cryptography Encryption related topics can be offered as a value added course.
- For MBA (IEV) programme
 - For E-SAP courses Continuous Assessment (CA) and End Semester Assessment (EA) to be included in curriculum and it is recommended to review in the MBA BoS.
 - Assessment method for E-SAP courses to be clearly mentioned in the regulation.
- For AI & DS programme the credit for the course Finance for Engineers needs to be revised from 2 to 3 credits by adding additional syllabus contents.
- In M.Tech programme on Information Technology (Artificial Intelligence and Robotics)- New PG Programme
 - Syllabus of Machine Learning course, lecture hour may be increased and the topic on Pattern Recognition may also be included.
- The syllabus content on the professional elective course on Medical Mechatronics of BE- Mechatronics Engineering programme to get consent from AU Nominee Dr. S. Shenbaga Devi.
- The 3D printing technique facility can be included in the Textile department or at institute level.

07. Vote of Thanks

Dr. J. Vijay Prakash, Deputy Controller of Examinations proposed vote of thanks.

Approved by

Signature

1	Dr. D. Saravanan	Chairman - Academic Council // Principal	
Nominee of Anna University			
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025	
3	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai-600 025	
4	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	

The meeting came to an end at 1.30 pm.

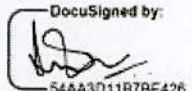


Chairman, Academic Council /Principal





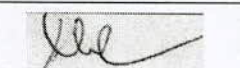
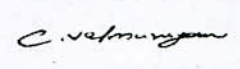
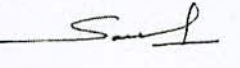


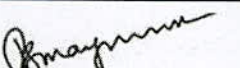
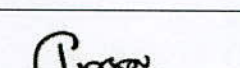
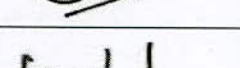

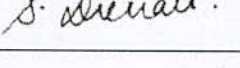
Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.








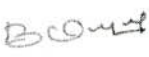





Experts nominated by the Governing Body:

Sl.No.	Name of the Member	Organization	Signature
5	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	Sudha Rengarajan  54AA3D11B7BE426

Internal Members and Board Chairman/Chairpersons:

Sl.No.	Name of the Member	Designation & Department	Signature
6	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations	
7	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous	
8	Dr. J. Vijay Prakash	Associate Professor and Deputy CoE, Convener, AC Meeting	
9	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations	
10	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering	
11	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering	
12	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering	
13	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering	
14	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering	
15	Dr. P. S. Mayurapriyan	Professor, Chairman - Board of Electronics and Instrumentation Engineering	
16	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical and Electronics Engineering	
17	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman - Board of Electronics and Communication Engineering	
18	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering	
19	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology	

Sl.No.	Name of the Member	Designation & Department	Signature
20	Dr. M. Alamelu	Professor and Head, Chairperson - Board of Information Technology	
21	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology	
22	Dr. G. Ramakrishnan	Professor and Head, Chairman –Board of Fashion Technology	
23	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences	
24	Dr. H. Arul	Head, Chairman - Board of Physics, School of Foundational Sciences	
25	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry, School of Foundational Sciences	
26	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics, Foundational Sciences	
27	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English, School of Foundational Sciences	
28	Dr. Mary Cherian	Professor and Head, Chairperson – Board of Management Studies	
29	Dr. M. Manikantan	Head (i/c), Chairman – Board of Computer Applications	
30	Dr. M. Suguna	Head (i/c), Information Science and Engineering	

Members not present:

Sl.No.	Name of the Member	Organization	Role
1	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203	Experts Nominated by Governing Body
2	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014	Experts Nominated by Governing Body

3	Mr.R.Ramesh (KCT Alumni – 1984-1988 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	Experts Nominated by Governing Body
4	Mr.Hariharan Ganesan KCT Alumni	Head of R2 Data Labs, Rolls-Royce India Pvt.Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045	Experts Nominated by Governing Body

To: All the members




Chairman, Academic Council /Principal

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.


Board of Studies-MBA AND MBA [IEV]



Proposed Regulations R2021| MBA -

Highlights

2.1 Credit Hours Distribution: Lecture, Tutorial, Practical, Self work, Field work, Projects
2.4 Types of course classification Core, Functional Core, Functional Optional, Open electives , Projects, Value added courses, Extra credit courses from FCLF
Semester based Curriculum
Assessments and Weightages End of Semester to be assessed through a two hours assessment

Members of the Board

- **University Nominee:**
Dr. N. Tamaraiselvan, Professor- DOMS , NIT, TIRUCHIRAPALLI
- **Academic Expert:**
 - 1. Dr. P. Chitramani – Avinashilingam Deemed University – MBA
 - 2. Prof. Unnat P. Pandit- JNU , New Delhi – MBA [IEV]
- **Industry Expert:**
 - 1. Mr. K. Ravi – Chief Financial Officer – Roots India Ltd., Coimbatore [MBA]
 - 2. Mr. Adharsh - CEO & Founder at Alndra Systems Bangalore [MBA-IEV]
- **Alumni:** Ms. Krishna Rubiga- Founder, CEO Ampere Voltage Consulting Private Ltd. CBE

Proposed amendments R-2020 | MBA [IEV]

R-2020 Amendments

1.3 Semester- Wise Credit Distribution – Core -30, Elective -14
1.4 Credit Hours - Revised credit hours as per AICTE guidelines and credit mapping to L,T,P,FW,SW &PJ
1.5 Credit Flexibility – Semester wise credit flexibility in II semester is 26-30 Semester 3 is 20-32
Students can gain a maximum of 50 marks through CA for all 2 and 1 credit courses - Out of which 50% is evaluated in Formative - Continuous Examination Scheme and remaining 50 % is assessed in Summative Continuous Examination Scheme.
3.3.4 Practical course (P): Few of the enabler courses and E-SAP (Entrepreneurship Skill Activation Programs) courses are offered as a practical course, all these courses have continuous assessment marks where Students can gain a maximum of 50 marks .

Proposed Regulations R2021| MBA -

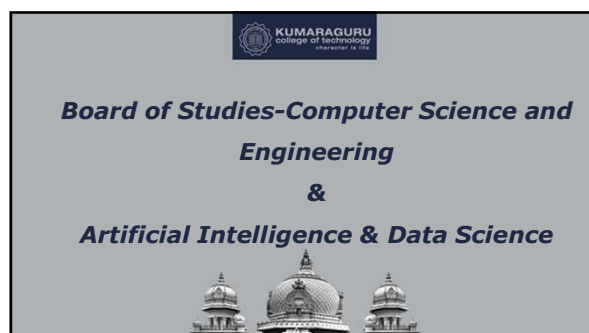
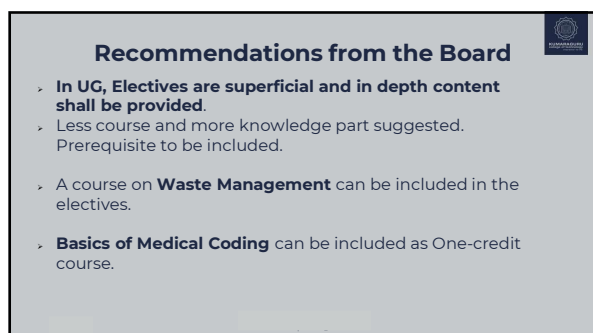
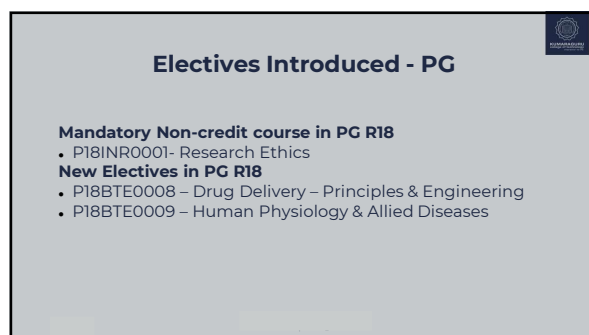
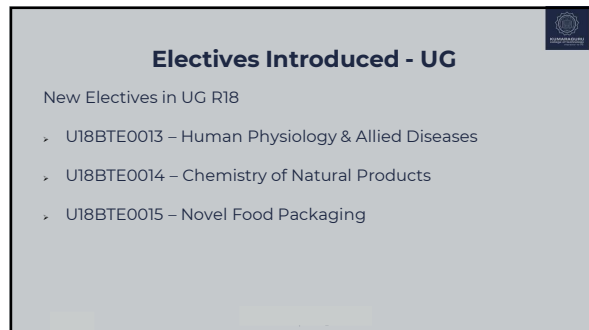
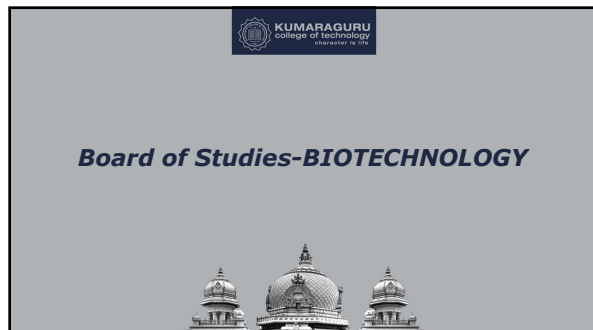
Highlights

R-2021 (Proposed)
Modified Vision and Mission Statements (2021)
Program Objectives and Program Educational Objectives (R-21)
Adoption of “Competencies and Performance Indicators” as a real measure of OBE
2.2 Minimum Credit Threshold – 104 Maximum Ceiling (extra credits) - 110

Proposed amendments R-2020 | MBA [IEV]

R-2020 Amendments

1.3.3. In case if student is not participating in any external/ outside events as part of active learning they are allowed to do any E- SAP electives (Entrepreneurship Skill Activation Program) to earn the required credits.
New electives under New venture Creation and Family and Next Gen entrepreneurship concentrations
Competencies and Performance Indicators mapped to PLOs & PEOs.
New Bridge courses, Essentials courses, enabler courses and Enhancement courses were presented.



Members of the Board

Sl. No	Name	Institution / Affiliation
1.	Dr. Devaki P (BoS Chairman)	Kumaraguru College of Technology, Coimbatore
2.	Prof. Hema Gopal (Anna University Nominee)	Tata Consultancy Service
3.	Dr. Santhi Thilagam (Subject Expert)	Dept. of CSE, National Institute of Technology, Karnataka, Surathkal
4.	Prof. Ramachandran V (Subject Expert)	Anna University, Trichy Campus
5.	Dr. Salaja Silas (Subject Expert)	Dept. of Computer Technology, Karunya Institute of Tech & Sciences
6.	Mr. Arun Pratap A (Industry Expert)	Specialist, Robert Bosch Engineering and Business Solutions, Coimbatore
7.	Mr. Praveen Subramani (Industry Expert)	Principal Engineer, Data Analytics Practice, TEK systems Global Services Pvt Ltd, Bangalore

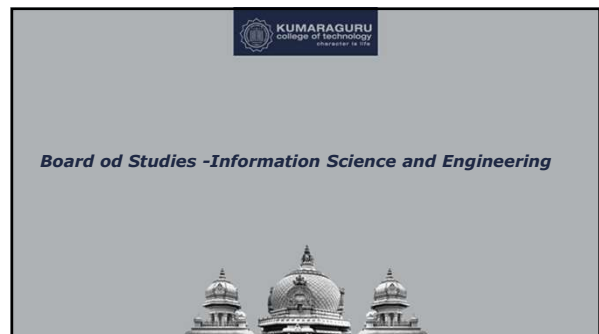
Electives Introduced – UG-B.E-CSE

One Credit Courses

Course code	Course name
U18CSIN001	Cyber Forensics
U18CSIN002	Augmented Reality
U18CSIN003	Web Application Development using NodeJS

Members of the Board

Sl. No	Name	Institution / Affiliation
8.	Mr. Dorai Thodla (Industry Expert)	Founder & CTO, Technology Strategies LLC
9.	Mr. Derick Jose (Industry Expert)	Founder, Flutura Decision Sciences
10.	Mr. Gokul Kumar.K (Industry Expert)	Co-founder & CTO, Vusar, California Executive Consultant, Forge
11.	Mr. Sivan Ammamuthu (Expert from Corporate related to Placement)	Delivery Head, FS Switzerland Continental Europe Financial Services
12.	Ms. Shanmathi A (Alumni Member)	Software developer, Accenture, Perungalathur, Chennai.
13.	Ms. Harshini Infanta (Alumni Member)	Client Solutions Partner, Applied- AI Organization: Quantiphi, Inc



Recommendations from the Board

Third and Fourth semester syllabus of B. Tech-AI & DS programme

[B. Tech-AI & DS-Curriculum](#)

[B. Tech-AI & DS-Syllabus](#)

- ### Members of the Board
- University Nominee: Dr.N. Karthikeyan, Coimbatore Institute of Technology
 - Academic Expert: Dr.P.Bhagavathi Sivakumar, Amrita University
Dr.T. S. PradeepKumar, Vellore Institute of Technology
Dr. C.Mala, National Institute of Technology
Dr. B.Sivaselvan, Indian Institute of Information Technology
 - Industry Expert: Mr. Vidhya Prakash Sivashanmugam, Amazon, Hyderabad
Mr.Prakash Subramaniam, Thought Works, Coimbatore
 - Alumni: Mr. K. Dhandapani, Robert Bosch, Coimbatore
Mr.S.Sasi Kesavan, Software Development Engineer,
Amazon,USA

Recommendations from the Board

- The board recommended to involve Industry members in final year project problem formation in 6th semester itself.
- The board recommended industry internships in the curriculum with credits.

Members of the Board

- University Nominee : Dr. K. Ranjith Kumar , GCT, Coimbatore.
- Academic Expert : Dr. S. Moorthi, NIT, Trichy.
Dr. R. Muthiah, SASTRA University.
Dr. Shriram Vasudevan, Amrita University.
- Industry Expert : Mr. J. Senthil Prakash, Technical Director, M/s Technopac Ltd.
- Alumni : Mr. K. Gangadharan, Senior Software Architect , Robert Bosch .

Electives Introduced - UG

One Credit Courses
Nil


Professional Elective Courses

U18ISE0016 – Agile Software Development


Open Elective Courses
Nil

Recommendations from the Board

- HDL programming can be introduced as one credit course.
- New Elective courses were reviewed and approved.
- Research Ethics is introduced as mandatory Non-Credit course for PG.
- In online mode, Tinker CAD software is suggested for teaching Electronic circuit and Digital Electronics lab .
- In online mode, Demonstration videos and simulation software can be utilized for teaching Power Electronics, Machines and power systems.



Board of Studies-Electrical and Electronics Engineering



Electives Introduced - UG

One Credit Courses

- U18EEC0009 HDL Programming

Professional Elective Courses

- U18EEE0015 Drives for Electric Vehicles
- U18EEE0016 Sensing Techniques and Sensor Systems
- U18EEE0017 Biomedical Instrumentation
- U18EEE0018 Industry 4.0

Electives Introduced - PG

Mandatory Non-Credit Course
P18INR001 Research Ethics

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Recommendations from the Board

- A new Professional Elective Course entitled “U18ECE0056 - Multicore Architecture and Programming for Embedded Systems” is introduced under Embedded Systems Bucket in association with Robert Bosch.
- A new Open Elective Course entitled “18ECO0005 - Introduction to Neural Networks and Deep Learning” is introduced.
- The curriculum and syllabus of M.Tech programme on Information Technology (Artificial Intelligence and Robotics) were presented and approved by the BoS members.

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KUMARAGURU
College of Technology
UNIVERSITY OF TAMIL NADU

Board of Studies-Electronics and Communication Engineering



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Programme Approval

- An expert team was instituted with in-house ECE department members and Mechatronics Engineering Department to establish high dense curriculum
- Recurrent meetings and discussions were carried out with expert members (academia & industry) in the field of Robotics and Automation
- The final curriculum and syllabus of M.Tech programme on Information Technology (Artificial Intelligence and Robotics) were presented and approved by the BoS members

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Members of the Board

University Nominee: Dr. C. Vasanthanayaki,
Government College of Engineering, Salem

Academic Expert: 1. Dr. K. S. Geetha,
RV college of Engineering, Bengaluru
2. Dr. M. S. Sudhakar, VIT Vellore

Industry Expert: Mr. S. Chella Kumar, Infinera

Alumni: 1. Mr. A. Chandramouli, SAMEER, Chennai
2. Mr. P. Nithyanandham, Infosys

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Programme Uniqueness

- Engineering becoming more of interdisciplinary
- Freedom to attract all branches of engineering graduate
- Robotics, autonomous systems; extensively use AI
- Employment opportunities : AI and robotics
- First mover advantage of introducing this program in Tamilnadu
- Good industry connect
 - Robert BOSCH, MeitY, LoRaWan, TI, Keysight Technologies
- Full fledged lab facilities – KC.AIR
- Department is working on autonomous systems with various Funding.
- Faculty expertise in AI & Robotics.

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Programme Delivery

- In-house expert team members
- Experts from Robert BOSCH
- Experts from CDAC and IITs

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Proposed Curriculum

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Programme Structure

- Theory - 33 Credits
- Lab - 7 Credits
- Projects - 25 Credits
- Assessment and Evaluation – 100% KCT Regulation and Method

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Semester - I

S. No.	Course code/type	Course name	Allocation			Credits
			L	T	P	
1	Core1	Linear Algebra and Probability Theory	3	0	0	3
2	Core 2	Programming Techniques for AI	1	0	4	3
3	Core 3	Robot Mechanics and Control	3	0	2	4
4	Core 4	Introduction to AI	3	0	2	4
5	PE1	Professional Elective 1	3	0	0	3
6		Research Methodology and IPR	2	0	0	0
7	Audit course	Audit course 1				0
TOTAL CREDITS						17

35

Programme – Specialization Streams

M.Tech programme on
Information Technology
(Artificial Intelligence and Robotics)

Year of Implementation: 2022-23
Proposed Intake : 12
Mode : CBCS
Department : ECE
Eligibility:
BE/BTech in ECE, EEE, EIE, MCE, Mech, Auto, Aero, CSE, IT

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Semester - II

S.No.	Course code/type	Course name	Allocation			Credits
			L	T	P	
1	Core 5	Machine Learning	3	0	2	4
2	Core 6	Autonomous Systems	3	0	2	4
3	Core 7	Robot Perception	3	0	0	3
4	PE2	Professional Elective 2	3	0	0	3
5	PES	Professional Elective 3	3	0	0	3
6		Audit course 2				0
Total Credits						17

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Semester -III

S.No.	Course code/type	Course name	Allocation			Credits
			L	T	P	
1	PE4	Professional Elective 4	3	0	0	3
2	OE	Open Elective	3	0	0	3
3	Dissertation	Dissertation Phase 1				10
Total Credits						16

Semester -IV

S.No.	Course code/type	Course name	Allocation			Credits
			L	T	P	
1	Dissertation	Dissertation Phase 2				15
Total Credits						15

Total credit : 65

Syllabus – I & II Semesters

<https://tinyurl.com/ah8prujr>

Semester – I

<https://tinyurl.com/54dszn3x>

Semester – II

Elective Courses

Elective Bucket-1 (AI) Minimum two courses

S.No	Course name	Credit
1	Reinforcement Learning	3
2	Machine Learning for Embedded Devices	3
3	Natural Language Processing	3
4	Data Analytics/Big Data	3
5	Deep Learning	3

Syllabus – III & IV Semesters

<https://tinyurl.com/vr8r2c>

Semester – III

<https://tinyurl.com/5dhk7x9h>

Semester – IV

Elective Courses

Elective bucket - 2 (Robotics) Minimum two courses

S.No	Course name	Credit
1	Cloud Robotics	3
2	Industrial Automation and IIoT	3
3	Microrobotics	3
4	Self Driving Car	3
5	Embedded Control System	3
6	Human-Machine Interface (HMI)	3

- ### Programme Delivery – Associated Robert BOSCH
- Mr. Rajapaul Karthik - RBEI/HR-LD2
 - Mr. Meyyappan Srinivasan - RBEI/BSN
 - Ms. Rashmi B - RBEI/EES-EC-PJ
 - Ms. Priya Krishnamoorthy - RBEI/EES-EC-EP2
 - Ms. Navalgund Padmini - RBEI/NE1-EC

Employment Potential and Other Outcomes

- The demand for AI and robotics engineer is very high (core &IT)
- Since the program is planned to be offered with industry, sponsored students from industry will be participating and the remaining students will have green channel for placement interviews.
- AI and Robotics engineers are needed in all domains of engineering.

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Members of the Board

- University Nominee :Dr.K.Dhanalakshmi, NIT Trichy
- Academic Expert : Dr. D. Angeline Vijula, PSG College of Technology
Dr.G.Uma , NIT Trichy
- Industry Expert : Mr.V.Shanmugaraj, CMTI, Bangalore.
- Alumni : K.Natarajan, Harman Connected services, Hyderabad

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Electives Introduced - UG

Professional Elective Course:
U18ECE0056 - Multicore Architecture and Programming for Embedded Systems - <https://tinyurl.com/988rf2sa>

Open Elective Course:
18ECO0005 - Introduction to Neural Networks and Deep Learning - <https://tinyurl.com/2t4h23cr>

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Recommendations from the Board

- The panel members approved the list of QP setters nominated by department
- CO Attainment and PO Attainment for the year 2019-2020 and target for the year 2021-2022 is fixed

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Board of Studies-ELECTRONICS AND INSTRUMENTATION ENGINEERING



Electives Introduced - UG

The following Professional electives are introduced and approved by the BOS members.

- U18EIE0018 - Building Automation
- U18EIE0019 - Optical Instrumentation
- U18EIE0020 - Statistical Process Control
- U18EIE0021 - Hybrid and Electric Vehicles

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PG M.TECH Data Science

The board suggested students to write a term paper at the end of the semester. This will make the students to explore the latest developments in that field.

- The board recommended the inclusion of story-telling in business context and values as a topic or one credit course, as the narrative capability of students in the business context is a required skill in the industry.
- The board suggested to change the Machine Learning course as an embedded course.
- All the members recommended to follow the latest edition of books as reference books in the syllabus. Web materials and reputed conference proceedings/journal papers can also be given as references.

Members of the Board

- University Nominee : Dr.N.K. Karthikeyan, Coimbatore Institute of Technology
- Academic Expert: Dr.P.Bhagavathi Sivakumar, Amrita University,
Dr.T. S. PradeepKumar, Vellore Institute of Technology
Dr.C.Mala, National Institute of Technology
Dr. Sivaselvan B, Indian Institute of Information Technology
- Industry Expert : Mr. Vidhya Prakash Sivashanmugam, Amazon
Mr.Prakash Subramaniam,, Thought Works
- Alumni : Mr.K. Dhandapani, Senior Associates, Robert Bosch
Mr.S.Sasi Kesavan, Software Development Engineer,
Amazon,USA
- Special Invitee : Dr.L.Latha , CSE Department,KCT

Electives Introduced - UG

One Credit Courses : Nil

Professional Elective Courses : Nil

Open Elective Courses : Nil

Recommendations from the Board

UG B.TECH IT


- The board recommended to include internship/industry project with credits in the curriculum (third-year students). During the internships, the students can start their mini-project, and it can be extended as final-year project.
- The board recommended the percentage adoption of J component (project) can be increased in more courses. If J component is not applicable, then P component(practical) can be incorporated.
- The board suggested to include lab component for elective courses wherever applicable.
- The board recommended the usage of Virtual Labs at NIT, Surathkal as online platform for conduction and evaluation for lab courses in the current situation.
- The board recommended online tools for lab conduction and assessment.

Electives Introduced - PG


One Credit Courses : Nil

Professional Elective Courses

- P18ITE0022 Video Analytics



Board of Studies-AERONAUTICAL ENGINEERING




Electives Introduced - UG

One Credit Courses

1. U18AEC0006 Smart Materials and Structures

Professional Elective Courses

1. U18AEE0014 Helicopter Aerodynamics
2. U18AEE0015 High Energetic Fuels and Propellants
3. U18AEE0016 Aircraft Structural Analysis
4. U18AEE0017 Autonomous Navigation
5. U18AEE0018 Additive Manufacturing and Tooling

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Members of the Board

- University Nominee: **Dr Kalil Rahiman M**, Bannari Amman Institute of Technology, Sathyamangalam.
- Academic Experts: **Dr S. Kamle**, Indian Institute of Technology Kanpur & **Dr. R. Kannan**, Amrita University, Coimbatore
- Industry Experts: **Mr. P. Mueen Ahamadulla Khan**, Hindustan Aeronautics Limited, Bangalore & **Mr. Vishal S Shirbhate**, National Aerospace Laboratories, Bangalore
- Alumni: **Mr. Sandeep Tom**, Curtiss-Wright Corporation, Hatfield, Pennsylvania, USA.

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Board of Studies-Automobile Engineering

Recommendations from the Board

- Five Elective courses to be introduced under R2018
- A one-Credit Course to be introduced for R2018
- Targets for CO / PO for Academic Year 2021-22
- Approved panel of Examiners for QP Setting / Lab Exams for AY 2021-22

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Members of the Board

University Nominee: Dr S Jegadheeswaran, BIT, Sathyamangalam.

Academic Expert: 1. Dr. M. Leenus Jesu Martin, SRM Institute of Science and Technology

2. Dr. V. Arul Mozhi Selvan, NIT, Tiruchirappalli

Industry Expert: Dr.Shankar Venugopal, Vice President, Mahindra & Mahindra, Chennai

Alumni: Mr.V.Gurupranav, Engineer, Renault Nissan Technology & Business Center India Pvt limited, Chennai

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Recommendations from the Board

- 1.The panel members approved the list of QP setters nominated by the department and suggested to include Associate professors also in the mix.
- 2.CO-PO attainment of the R 18 curriculum presented and suggestions for improvement is fixing the target was discussed.
- 3.U18AUE0021 - ADVANCED STM32 MICROCONTROLLER AND EMBEDDED C PROGRAMMING was proposed to the panel members and they approved the same.
- 4.One Credit Course to be conducted in Blended mode by Industry experts and Institutions abroad.

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Members of the Board

- University Nominee: Dr. R. Sathyanarayan Sridhar, Coimbatore Institute of Technology
- Academic Expert: Dr. S. Shanthakumar, Vellore Institute of Technology
- Industry Expert: Er. Muthukumar Dorairaj, EDRC, L&T Construction
- Alumni: Er. Dinesh N, TRC Engineering Pvt Ltd
- Special Invitee: Er. V. Sriraman, Onesource
- Special Invitee: Er. K. K. Prasanna, Design Initiatives and B&F Fast, L&T Construction

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Electives Introduced - UG

One Credit Courses - NIL-

Professional Elective Courses

- U18AUE0021 - ADVANCED STM32 MICROCONTROLLER AND EMBEDDED C PROGRAMMING

Open Elective Courses -NIL-

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Recommendations from the Board - PG

- PEO statements can address the students as 'graduates'.
- In the course on 'PI8EEE0008 Nanotechnology in Environmental Engineering' COs are modified.
- In the course on 'P18EEI1201 Environmental Chemistry & Microbiology' CO6 is added.
- In the course on 'P18CME0012 Real Estate Practices and Management' COs are modified.

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Board of Studies-CIVIL ENGINEERING





Board of Studies-Fashion Technology



Members of the Board

- University Nominee: Dr.P.Kandhavativu, PSG Tech,CBE
- Academic Expert: Dr.Prabir Jana,NIFT
 - Dr. Abhijit Majumdar,IIT,Delhi
 - Dr.Ketankumar Vadodaria, NID
- Industry Expert: Mr. Shailendra.KR. Nigam, Jay Jay Mills
 - Mr.A. Sethu, Master Linens INC
- Alumni: Ms. S.Keerthi, H& M Hennes &Mauritz Pvt LTD
 - Ms. R. Niveda, Bliss Natural Pads

Professional Elective Courses

Mandatory Non Credit Course - PG

New courses (PG) – Mandatory Non credit course		
SL.No	Course Code	Course Name
1	P18INR0001	Research Ethics

Recommendations from the Board

B.Tech Fashion Technology

- Updation of Vision and Mission of the Department
- Introduction of new one credit courses (such as Flat sketch and design sheet development, Sourcing sustainable fashion, Leather garments, Natural dyes, Introduction of Industry 4.0 and E- Marketing.)

M.Tech Apparel Technology

- Introduction of Mandatory non credit course (Research Ethics)

KUMARAGURU college of technology

Board of Studies-Mechanical Engineering



One Credit Course- UG

New One credit courses (UG)		
SL.No	Course Code	Course Name
1	U18FTC0010	Flat Sketch and Design Sheet Development
2	U18FTC0011	Sourcing Sustainable Fashion
3	U18FTC0012	Leather Garments
4	U18FTC0013	Natural Dyes
5	U18FTC0014	Introduction To Industry 4.O
6	U18FTC0015	E- Marketing

Members of the Board

- University Nominee: Dr.V.Selladurai, Coimbatore Institute of Technology
- Academic Experts : Dr.S.Jeyaraj, National Institute of Technology, Calicut, Dr.S.Senthilvelan, Indian Institute of Technology, Guwahati
- Industry Expert : Dr.T.Ramprabhu, Deputy Director, DRDO
- Alumni : Mr.S.Dhatchinamoorthy, FORD Technology Services

Recommendations from the Board

- Non credit Mandatory Industrial Internship course is introduced during the fourth semester of R18 curriculum for students admitted first year in the AY 2020 - 21

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Board of Studies-Mechatronics Engineering



Electives Introduced - UG

One Credit Courses

- U18MEC0001 Product Design and Development
- U18MEC0002 Smart Manufacturing
- U18MEC0003 Nanotechnology: Mechanical Engineering's New Frontier
- U18MEC0504 ANSYS Multiphysics
- U18MEC0005 Renewable Energy
- U18MEC0206 Advanced Heat Transfer Enhancement Techniques

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Members of the Board

- University Nominee: Dr. R. Velavan, PSG College of Technology
- Academic Expert : Dr. C. Sathya Narayanan, NIT Trichy
Dr. P. Magaiyarkarasi, GCT, Coimbatore
- Industry Expert : Mr. Senthil Prakash, CEO, Spark Drives and Automation
- Alumni : Mr. N. Indrajith, Robert Bosch

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Electives Introduced - PG

- P18IEE0025 Condition monitoring

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Recommendations from the Board

- BOS Members suggested to add Medical Mechatronics & Maintenance Engineering courses as professional elective.
- Members recommended to include stepper and servomotor experiments in Electrical Machines laboratory (3rd Semester).
- Inclusion of servomotor-based experiments in the Industrial Electronics and Drives laboratory (5th Semester) is recommended.
- Industry member suggested to add embedded C-based experiment in Microcontroller and Embedded System Laboratory (6th Semester).
- Members suggested to improve students research and product development funded by Internal and External funding

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Electives Introduced - UG

Professional Elective Courses:

- U18MCE0018-Medical Mechatronics
- U18MCE0017-Maintenance Engineering

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Recommendations from the Board

- ❖ BOS panel members welcome the idea of introducing one credit courses to be taken by industry persons. Members suggested that the one credit courses can also be handled by academic experts.
- ❖ Members suggested to reframe the syllabus for the one credit course “Weft Knitted Fabric Analysis and Calculations”.
- ❖ Also suggested that the one credit courses can be offered to students in self-study mode.
- ❖ Members suggested to prepare the list of industry experts and academicians for handling one credit courses and suggested not to fix any syllabus for the same. That may be open and based on the experts experience the content may be specified at the time of offering the course to the students.

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Board of Studies-TEXTILE TECHNOLOGY




Electives Introduced - UG

One Credit Courses

1. U18TXC009 – Weft Knitted Fabric Analysis and Calculations
2. U18TXC010 – IoT and Application in Spinning Mill
3. U18TXC011 - Unconventional/Smart/Multifunctional Textile Finishing
4. U18TXC012 – Industrial Engineering Techniques

Professional Elective Courses

1. U18TXE017- Specialty Knits
2. U18TXE018- Automobile and Filtration Textiles
3. U18TXE019- Geo Textiles
4. U18TXE020- Protective Textiles

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Members of the Board

- University Nominee: Dr.R.Neelakandan, Anna University, Chennai-600 025
- Academic Expert: Dr.Apurba Das,IIT, Delhi,
Dr.C.Prakash, IIHT, West Bengal
Dr.A.Subash Babu,IIT, Bombay
- Industry Expert: Mr. R.Senthil Kumar, Super Sales India Limited
- Alumni: Mr. P Kaleeswaran, Zen Linen International PVT ltd

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Board of Studies-TEXTILE TECHNOLOGY
M-Tech- Masters of Technology
Management




Members of the Board	
University Nominee	Dr.R.Neelakandan, Anna University
Academic Expert	Dr.A.Subash Babu, IIT Bombay.
Industry Expert	R. Sathish Kumar, iExemplar Software India Limited
Alumni	R. Swathy Amazon Development centre (India) Private Limited, Chennai.

Electives Introduced - PG						
Professional Elective Courses						
Professional Elective Focus 1 : Technology Management (Theory courses)						
Course Code	Course Name	L	T	P	J	C
PI8TMT0067	Security for Internet of Things	3	0	0	0	3
PI8TMT0068	SDN and NFV for IoT	3	0	0	0	3
PI8TMT0069	Machine Learning	3	0	0	0	3
PI8TMT0070	Big Data Security	3	0	0	0	3
PI8TMT0071	Information Retrieval Techniques	3	0	0	0	3

Recommendations from the Board	
➤	As a pandemic and uncertainty measure, conduct of MSME practicum through online mode for the batch 2020-22.
➤	As a pandemic and uncertainty measure, Global and National immersion course for 6 credits to compensated with two 3 credit elective courses. (only for the batch 2020-22)
➤	Members suggested to ensure & bridge the gap in learning capabilities of the Technology core and elective courses for students admitted for the program from non – computer science UG streams. As a measure 7-14 days of bridge courses will be introduced at beginning of each semester in Year 1.
➤	Program Outcomes to be revised as per NBA requirements




Electives Introduced - PG						
Professional Elective Courses						
Technology Management Electives						
Course Code	Course Name	L	T	P	J	C
PI8TMI0260	IOT Architecture and Programming	3	0	2	0	4
PI8TMI0261	Data Analytics	3	0	2	0	4
PI8TMI0262	Cloud Services and Virtualization	3	0	2	0	4
PI8TMI0263	Data Mining Techniques	3	0	2	0	4
PI8TMI0264	Data Science and Analytics with Python	3	0	2	0	4
PI8TMI0265	Data Visualization	3	0	2	0	4
PI8TMI0266	Big Data Technologies	3	0	2	0	4


Members of the Board	
• University Nominee:	Dr.S.Vijayalakshmi , Thiagarajar College of Engineering, Madurai
• Academic Experts:	1. Dr.P.Vasanthi Kumari , Dayananda Sagar University, Bangalore. 2. Dr.M.Nageswara Gupta , VIT Bhopal University, Madhya Pradesh.
• Industry Expert:	R.Madhan Kumar , Service Delivery Manager, Robert Bosch.
• Alumni:	G.Senthil Kumar , Member Leadership, Zoho Corporation.

Recommendations from the Board

- The Board reviewed the proposal of the syllabus for semester 3, 4, Elective courses, One credit courses and Bridge courses of the 2-year MCA programme.
- Members suggested to motivate the students to take up Certification courses like Project Management and Service Management.
- Question Paper Pattern was discussed with BoS members. Question Paper Setters and examiner panel for 2nd, 4th & 6th semesters were approved by BoS members.
- Discussed about stakeholders' feedback on curriculum and syllabus.
- The panel discussed on upgradation of content delivery and the best practices followed in panel member's institutions.



Board of Studies - Physics



Electives & One credit courses

S.No	Course Code	Course Title	Course Mode	L	T	P	J	C
1.	P20CAE0008	Blockchain Technologies	Theory	3	0	0	0	3
2.	P20CAE0013	Mixed Reality	Theory	3	0	0	0	3
3.	P20CAE0014	Deep Learning Techniques & Applications	Theory	3	0	0	0	3
4.	P20CAE0015	E-Learning Techniques	Theory	3	0	0	0	3
5.	P20CAE0016	Ethical Hacking	Theory	3	0	0	0	3
6.	P20CAE0017	Middleware Technologies	Theory	3	0	0	0	3
7.	P20CAE0018	Robotic Process Automation	Theory	3	0	0	0	3
8.	P20CAE0019	Linux Administration	Theory	3	0	0	0	3
9.	P20CAE0020	User Interface Design & User Experience	Theory	3	0	0	0	3
S.No	COURSE CODE	COURSE TITLE						
1.	P20CAC0201	Agile Methodology						
2.	P20CAC0202	Introduction to Ethical Hacking						
3.	P20CAC0203	Soft Skills						
4.	P20CAC0204	Technical Writing						
5.	P20CAC0205	Human Excellence – Professional Values						
6.	P20CAC0206	Data Analytics						

Members of the Board

- University Nominee: Dr. M. Ashok and NIT Trichy
- Academic Expert: Prof. K.G.Suresh, IIT Bombay
- Prof. N. Muthukumarasamy, CIT
- Industry Expert: Mr. Deepa Vengatesh, Ampo Valves
- Alumni: Mr. Karthik Murugesan, Altran Technologies

Bridge Courses(Sem 1 & 2)

S.No	Course Code	Course Title	L	T	P	J	C
1.	P20CAB1001	Fundamentals of Computing	3	0	0	0	3
2.	P20CAB1002	Computer Organization & Operating systems	3	0	0	0	3
3.	P20CAB1003	Basic Data Structures	3	0	0	0	3
4.	P20CAB1004	Database Management Systems	3	0	0	0	3
5.	P20CAB1005	C Programming and Data Structures Lab	0	0	4	0	2
6.	P20CAB1006	Database Management Systems Lab	0	0	4	0	2
S.No	Course Code	Course Title	L	T	P	J	C
1.	P20CAB1007	Mathematics for computer Applications	3	1	0	0	4
2.	P20CAB1008	Python Programming	3	0	0	0	3
3.	P20CAB1009	Digital fundamentals	3	0	0	0	3
4.	P20CAB1010	Python Lab	0	0	4	0	2

Recommendations from the Board

- Approvals for new one credit and open elective courses
- Approval for QP panel

Electives Introduced - UG

One Credit Courses
 1) U18PHC0302 – Holography in Photonics Engineering

Open Elective Courses
 2) U18PHO0007 – NDT of Engineering Materials for industrial applications

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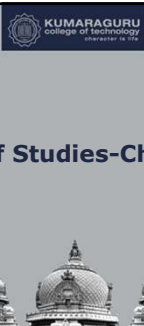
Electives Introduced - UG

One Credit Courses
 · U18CHC0101 - Chemistry in Everyday Life


Open Elective Courses
 · U18CHO0012 - Analytical Techniques for Materials Characterizations

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Board of Studies-Chemistry



Board of Studies- MATHEMATICS



Members of the Board

- University Nominee: Dr PN Palanisamy, Kongu Engineering College
- Academic Expert: Dr. R. Karvembu, NIT, Trichy and Dr N. Rajendren, Anna University, Chennai
- Industry Expert: Dr K Kadirvel, DRDO Life science centre
- Alumni: Ms. S Gouri, Australian National University Canberra, Australia

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Members of the Board

- University Nominee: Dr.P.Vijayaraju, CEG Campus, Anna University, Chennai-25
- Academic Expert: Dr. V.Vetrivel, IIT Madras, Chennai
Dr. J.Ravichandran, Amirta University, CBE
- Industry Expert & Alumni: Mr. Sundaram, Senior Software Engineer, Hyderabad.

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Recommendations from the Board

- Members added that the learning of one credit courses through softwares will be more useful for students' future career.
- Industrial expert suggested to follow breadth oriented approach in learning Mathematical concepts and recommended to use interesting higher end softwares in-addition to MATLAB to make abstract Math more easier to understand.

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Members of the Board

- University Nominee: Dr. E S Uma Maheswari, GCE, Tirunelveli
- Academic Expert: Dr. Sathyaraj Venkatesan, NIT, Trichy
- Academic Expert: Dr. Vijaya, EFLU, Hyderabad
- Industry Expert: Prof. Edwin Anthony Amalanathan, Santosh Rungta Group, Bhilai
- Alumni: Mr. Abishek Paul Jackson, Benglen Public School, CBE

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Electives Introduced - UG

Four new one credit courses were approved

1. U18MAC0302-Resource Management Techniques Using Tora
2. U18MAC0303- Mathematics For Cyber Security
3. U18MAC0304 -R Programming For Analytics
- 4.U18MAC0305 -Data Analysis And Forecasting Using Python

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Recommendations from the Board

- The experts approved the introduction of the language elective courses. The language elective courses are French, German, Japanese and Hindi.
- Experts approved one credit courses and open Elective (Blog Writing, Etymology and English for Research Purposes).
- Experts laid emphasis on focusing and strengthening higher order thinking skills to promote lateral thinking and the syllabus should not only be confined to LSRW.
- English courses to be offered for all the four years of study. This would help focussing on the employability skills.

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Board of Studies-Languages and Communication



Electives Introduced - UG

One Credit Courses

- U18ENC0502 - Blog Writing
- U18ENC0503 - Etymology

Language Elective Courses

- U18FRI2201 - French Level -I
- U18GEI2201 - German Level 1
- U18JAI2201 - Japanese Level 1
- U18HII2201- Hindi Level-I

Open Elective Courses

- English for Research Purposes

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Programme Delivery

DFTM

- Directorate of Futuristic Technology Management (DFTM) was established in 2013 to pursue directed research through a network of Advanced Technology Centres (ATCs) established within the academic institutes across the country.
- DFTM is instrumental in introducing and coordinating this new PG program

DRDO

- DRDO centers across the nation will be extending supports for laboratories and projects on specific areas

IDST

- Institute of Defence Scientists and Technologist (IDST) is a forum of superannuated scientists, for professional services to DRDO centers.
- IDST will facilitate the faculty expertise for the Defence Technology program

Members of the Board

University Nominee: Dr Kalil Rahiman M, Bannari Amman Institute of Technology

Academic Expert : Dr. Kannan, Amrita University

Industry Expert : 1. Dr. S. Rajagopal, Aeronautical Development Establishment (ADE), DRDO

2. Dr. M. Backialakshmi, Centre for Airborne Systems, Ministry of Defence (R&D), DRDO

3. Mr. P.Mueen Ahamadulla Khan, Hindusthan Aeronautics Ltd/Aeronautical Society of India

Alumni : Mr. Sandeep Tom, Curtiss-Wright Corporation, Pennsylvania, USA

Programme Uniqueness

- Design of the Curriculum – Jointly Designed by DFTM, DRDO and AICTE
- Delivery of Theory Courses – Jointly by KCT, DRDO and IDST
- Laboratory Sessions – Facilitated by DRDO centers
- Project Work – At DRDO Centers

Programme Approval

- M.Tech in Defence Technology is a new PG Program announced by AICTE during July 2021 (Ref: AICTE Approval Process Handbook_2021-22)
- The curriculum and syllabi prepared jointly by AICTE and DFTM, were released in a special virtual launching event held on 8.07.2021
- Institution Eligibility Requirements : Top 100 NIRF Ranking, NAAC and NBA Accreditation
- AICTE granted Approval to KCT for starting the new program on M.Tech in Defence Technology (AICTE Approval letter : F.No. Southern/I-9321460385/2021/EOA, dated 10.07.2021)
- BOS Meeting for new program was conducted on 12.07.2021
- AICTE sent request letter to All universities requesting expeditious approval/affiliation of respective universities (F.No : AICTE/P& AP/JULY / 2021, dated: 29.07.2021)

Programme Structure

Credits

- Theory : 36
- Practicals : 8
- Seminars : 6
- Projects : 30
- Total : 80

- Assessment and Evaluation – 100% as per KCT Regulation and Method

Programme – Specialization Streams

1. Combat Vehicle Engineering
2. Aerospace Technology
3. Naval Technology
4. Communication Systems & Sensors
5. Directed Energy Technology
6. High Energy Materials Technology

Program Delivery – Associated DRDO Labs

1. Centre for Artificial Intelligence & Robotics (CAIR),
2. Centre for Airborne Systems (CABS),
3. Aerodynamic Development Establishment (ADE) ,
4. Gas Turbine Research Establishment (GTRE)
5. Advanced Systems Laboratory (ASL)
6. Defence Research and Development Laboratory (DRDL)
7. Defence Electronics and Research Laboratory (DLRL)

Syllabus – I & II Semesters

- | | |
|--|---|
| <p>Semester – I</p> <ul style="list-style-type: none"> • Systems and warfare Platforms(4 Credits) • Warfare Simulations & Strategies (4 Credits) • Advanced Engg. Mathematics (4 Credits) • Systems and Platforms Lab (2 Credits) • Warfare Simulations & Strategies Lab (2 Credits) • Elective 1 (3 Credits) • Elective 2 (3 Credits) • Seminar (1 Credit) | <p>Semester – II
(Based on Specialization)</p> <ul style="list-style-type: none"> • Core Theory Course 1 (4 Credits) • Core Theory Course 2 (4 Credits) • Core Theory Course 3 (4 Credits) • Core Practical Course 1 (2 Credits) • Core Practical Course 2 (2 Credits) • Elective 1 (3 Credits) • Elective 2 (3 Credits) • Seminar (1 Credit) |
|--|---|

Employment Potential and Other Outcomes

- Opportunity for students undertake real life projects at DRDO Centers
- Mentoring by well experienced scientists/Industries of DRDO/Allied Industries
- Consideration for recruitment at DRDO Centers and allied industries
- Opportunity for collaborated research projects

Syllabus – III & IV Semesters

- | | |
|--|--|
| <p>Semester – III</p> <p>Project Dissertation Phase 1 (10 Credits)</p> <p>Seminar/Industrial Training (4 Credits)</p> | <p>Semester – IV</p> <p>Project Dissertation Phase 2 (20 Credits)</p> |
|--|--|



KUMARAGURU
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19th Academic Council Meeting Minutes



KUMARAGURU
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www.kct.ac.in

An Autonomous Institution
Established in 1984
Affiliated to Anna University Chennai
Approved by AICTE, New Delhi
Accredited by NAAC

Ref: KCT/ACM/M19/2020-2021

7th May 2021

Dear Sir / Madam,

Sub: 19th Academic Council Meeting of Academic - reg.

We wish to inform that the 19th Academic Council Meeting of Academic Autonomy of Kumaraguru College of Technology, Coimbatore is scheduled to be held at 10.30 am on Saturday the 8th May 2021 in ONLINE mode.

AGENDA OF THE MEETING

1. To consider and approve the starting the of new programme - B.E. - Mechanical and Automation Engineering under the Department of Mechanical Engineering.
2. To consider and approve the Curriculum and Syllabi of B.E. - Mechanical and Automation Engineering, for submission to the University to seek affiliation (and to the AICTE for approval if required).
3. Any other matters.

Kindly make it convenient to attend the meeting as per schedule.

Thanking you,

Yours sincerely,

Dr. D. Saravanan
Principal
(Chairman, Academic Council)

To
The Members Concerned



MEETING OF THE 19th ACADEMIC COUNCIL

Date: 08.05.2021 (Saturday)

Online Meeting: MS Teams Platform

TABLE AGENDA

Sl.No	Time	Agenda Points	By
1	10.30 am to 10.35 am	Welcome Address	Dr. D. Saravanan, Principal & Chairman – Academic Council, Autonomous Statute
2	10.35 am to 10.50 am	Presenting the Curriculum and Syllabi of B.E. (Mechanical and Automation Engineering)	Dr.C.Velmurugan, Chairperson – Board of Studies of Mechanical Engineering
3	10.50 am to 11.00 am	Suggestions and Feedback from the Members	Members of Academic Council
4	11.00 am to 11.15 am	Any Other Matters followed by Vote of Thanks	Dr. A. Vasuki Controller of Examinations

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.

08th May 2021

Minutes of the 19th Meeting of Academic Council of the Autonomous Body

The 19th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 08th May 2021 from 10.30 a.m. to 11.30 am in online mode via MS Teams.

Following members were present in the meeting:

Chairman – Academic Council – Autonomous Statue

1. Dr. D. Saravanan – Principal & Chairman, Academic Council

Members Nominated by Anna University Chennai		
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025
3.	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai- 600 025
4.	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104

Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,		
5.	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103

Internal Members and Board Chairpersons		
Sl.No.	Name of the Member	Designation & Department
6	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations
7	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous
8	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, AC Meeting
9	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations
10	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering
11	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering

Internal Members and Board Chairpersons		
Sl.No.	Name of the Member	Designation & Department
12	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering
13	Prof. S. Sivakumar	Professor and Head(i/c), Chairman -Board of Automobile Engineering
14	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering
15	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics & Instrumentation Engineering
16	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical & Electronics Engineering
17	Dr. S. A. Pasupathy	Professor and Head, Chairman -Board of Electronics & Communication Engineering
18	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering
19	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology
20	Dr. M. Alamelu	Professor and Head(i/c), Chairperson - Board of Information Technology
21	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology
22	Dr. G. Ramakrishnan	Professor and Head, Chairman –Board of Fashion Technology
23	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences
24	Dr. H. Arul	Head, Chairman - Board of Physics
25	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry
26	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics
27	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English
28	Dr. Mary Cherian	Professor and Head, Chairperson –Board of Management Studies
29	Dr. M. Manikantan	Professor & Head, Chairman – Board of Computer Applications
30	Prof. U. Thiruvaazhi	Professor and Head(i/c), Information Science and Engineering

01. Welcome Address

Dr. D. Saravanan, Principal, KCT and Chairman – Academic Council, welcomed the members to the 19th meeting of the Academic Council and briefed the proceedings.

02. Approval of newly introduced programme: B.E (Mechanical and Automation Engineering)

Dr. D. Saravanan, Principal & Chairman, Academic Council invited Head of the Department - Chairperson of Mechanical Engineering BoS to present and seek the approval for the Curriculum and Syllabus of the new UG programme as per the details mentioned below:

- ✓ Curriculum and Syllabus for the four-year B.E. (Mechanical and Automation Engineering) programme to be introduced from the AY 2021-2022 under Regulations 2018.

After detailed deliberations, the committee approved the above proposal for the AY 2021-2022.

03. Any other matter with the permission of the Chair:-

Dr. D. Saravanan, Principal & Chairman, Academic Council invited Dr. A. Vasuki, CoE to present Question Paper Pattern for conduct of theory end semester examinations APR / MAY- 2021 in online mode

- ✓ The assessment pattern for theory /practical / project work in online mode as a one-time measure during the pandemic period for the Even Semester of the AY 2020-2021 was presented by CoE.
- ✓ The end semester exams for theory will be conducted in online mode as one-time measure during the pandemic period under AI proctoring in Examly platform for BE/ BTech/ ME/ MTech/ MCA/ MBA & PhD course work with MCQ. For students with severe network connectivity issues such as those in J&K, the online exam will be conducted using manual (video) proctoring via Google Meet.

Question Paper pattern for online theory end semester exams with MCQ:

- Pattern 1: B.E/ B.Tech/ M.E/ M.Tech/ MCA/MBA & PhD (No choice in Part A & B)
 - Part A: 30 questions (1 mark each)
 - Part B: 15 questions (2 marks each)
 - Duration: 1 hour
 - Total Marks: 60
- Pattern 2: For B.E / B.Tech programmes with the course Machine Drawing (No choice)
 - Part A: 10 questions (2 marks each) – descriptive type
 - Part B: 1 question (20 marks) – descriptive / drawing
 - Part C: 1 question (60 marks) – drawing
 - The answers are to be written in A4 / A3 paper, scanned and uploaded under AI proctoring
 - Duration: 4 hours
 - Total Marks: 100

After the deliberations, the committee approved QP Patterns 1 and 2 for theory exams.

For practical courses the assessment in online mode is based on the following and conducted for a duration of 3 hours:

- Simulation
- Descriptive Questions
- Multiple Choice Questions
- Viva Voce

For Project Work the assessment in online mode is based on the following:

- Simulation
- Descriptive Questions
- Report Submission
- Presentation
- Viva Voce

- ✓ For all of the above examinations, the passing requirements will be as per the Regulations.

The assessment pattern for practical and project work was approved by the Committee members.

04.Suggestion by the external members of the Academic Council:-




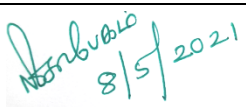
- ✓ The course code should be unique for the content of a particular syllabus.
- ✓ NPTEL courses cannot be considered for equivalent credits for any course within the curriculum of a programme. The credits earned through online courses to be considered as over and above the minimum requirement of any programme (additional credits).
- ✓ Care to be exercised in CO/PO mapping for individual courses and outcomes, to be analyzed by faculty.
- ✓ Members appreciated that the percentage of difference in content with relation to existing BE (Mechanical Engineering) programme and the newly proposed BE (Mechanical and Automation Engineering) is about 40 %.
- ✓ To ensure the availability of reference books for the courses which is offered under new programme – BE (Mechanical and Automation Engineering).
- ✓ Consent of Teacher concept (COT) followed in IITs can be considered and adopted in future.
- ✓ There is no limit in student earning additional credits by attending online courses / electives.
- ✓ Practical component to be included in the Computer Programming course.
- ✓ Project Phase II should be in continuation of Project Phase I, wherever possible, so that the student will be able to have more understanding of project and come with good output.

05.Vote of Thanks

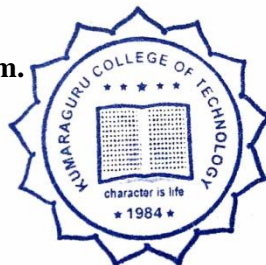
Dr. A. Vasuki, Controller of Examinations proposed vote of thanks.

Approved by

Signature

1	Dr. D. Saravanan	Chairman - Academic Council // Principal	
Nominee of Anna University			
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025	
3	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai-600 025	
4	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	

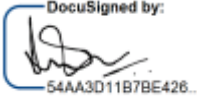
The meeting came to an end at 11.30 am.







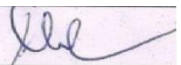


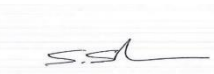



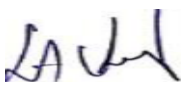





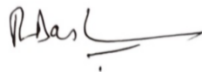
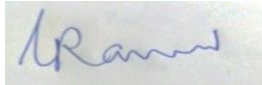

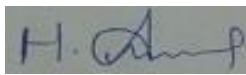



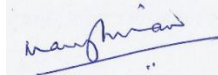


Chairman, Academic Council /Principal

Experts nominated by the Governing Body:

Sl.No.	Name of the Member	Organization	Signature
5	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	Sudha Rengarajan 

Internal Members and Board Chairpersons:

Sl.No.	Name of the Member	Designation & Department	Signature
6	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations	
7	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous	
8	Dr. J. Vijay Prakash	Associate Professor and Deputy CoE, Convener, AC Meeting	
9	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations	
10	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering	
11	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering	
12	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering	
13	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering	
14	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering	
15	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics and Instrumentation Engineering	
16	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical and Electronics Engineering	
17	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman - Board of Electronics and Communication Engineering	
18	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering	
19	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology	

Sl.No.	Name of the Member	Designation & Department	Signature
20	Dr. M. Alamelu	Professor and Head, Chairperson - Board of Information Technology	
21	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology	
22	Dr. G. Ramakrishnan	Professor and Head, Chairman –Board of Fashion Technology	
23	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences	
24	Dr. H. Arul	Head, Chairman - Board of Physics, School of Foundational Sciences	
25	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry, School of Foundational Sciences	
26	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics, Foundational Sciences	
27	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English, School of Foundational Sciences	
28	Dr. Mary Cherian	Professor and Head, Chairperson – Board of Management Studies	
29	Dr. M. Manikantan	Head (i/c), Chairman – Board of Computer Applications	
30	Prof. U. Thiruvaazhi	Professor and Head (i/c), Information Science and Engineering	

Members not present:

Sl.No.	Name of the Member	Organization	Role
1	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203	Experts Nominated by Governing Body
2	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd,Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014	Experts Nominated by Governing Body

3	Mr.R.Ramesh (KCT Alumni – 1984-1988 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	Experts Nominated by Governing Body
4	Mr.Hariharan Ganesan KCT Alumni	Head of R2 Data Labs, Rolls-Royce India Pvt.Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045	Experts Nominated by Governing Body



Saravanan

Chairman, Academic Council /Principal

To: All the members

Kumaraguru College of Technology
Coimbatore – 641 049
 (An Autonomous Institution affiliated to Anna University, Chennai)

19th ACADEMIC COUNCIL COMMITTEE MEETING



DATE: 08th May 2021

ACADEMIC COUNCIL MEMBERS

S.No	Name of the Member	Designation	Address
5	Prof.C.Muthamizchelvan	Experts nominated by the Governing Body	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203
6	Mr.Niranjana.P		Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park,Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014
7	Mr.R.Ramesh (KCT Alumni – 1984-1988 batch Mech.)		Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021
8	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)		Enterprise Architect, Intel Technology India Pvt Ltd, #23-56F, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103
9	Mr.Hariharan Ganesan KCT Alumni		Head of R2 Data Labs, Rolls-Royce India Pvt.Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045

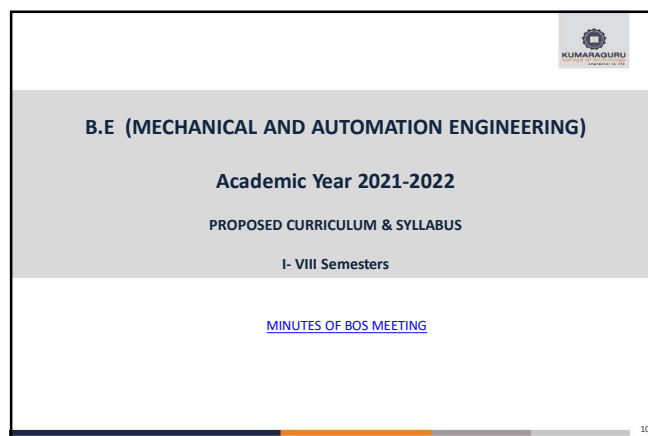
Welcome you all

- ACADEMIC COUNCIL MEMBERS**
- Board Chairpersons**
- Dr Selvan V - Civil Engineering
 - Dr C Velmurugan –Mechanical Engineering
 - Dr Saravanamohan M –Mechatronics Engineering
 - Prof Sivakumar S – Automobile Engineering
 - Dr Sundararaj K – Aeronautical Engineering
 - Dr Anil Kumar K – Electronics & Instrumentation
 - Dr Malarvizhi K – Electrical and Electronics
 - Dr Pasupathy S A- Electronics and Communication
 - Dr Devaki P – Computer Science and Engineering
 - Dr Ramesh Babu – Textile Technology
 - Dr Alamelu M – Information Technology
 - Dr Thiruvazhi- Information Science & Engineering
 - Dr Baskar R – Biotechnology
 - Dr Ramakrishnan G – Fashion Technology
 - Dr Manikandan M – Computer Applications
 - Dr Mary Cherian – Business Administration
 - Dr Ezhilarasi M - SFS
 - Dr Maheswari K – Mathematics
 - Dr Arul H – Physics
 - Dr Aranganayagam K – Chemistry
 - Dr Vijay Arokia Lawrence - English

ACADEMIC COUNCIL MEMBERS

S.No	Name of the Member	Designation	Address
1	Dr. D. Saravanan	Chairman – Academic Council	Principal Kumaraguru College of Technology, Coimbatore
2	Dr. S. Shenbaga Devi	Anna University Nominees	Former Professor Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025
3	Dr. J. Kumar		Former Professor Crystal Growth Centre Anna University, Chennai- 600 025
4	Dr. J. Nafeesa Begum		Professor & Head Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104

Introduction of New Programme



DEPARTMENT OF MECHANICAL ENGINEERING

Semester I

S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U21ENT1001	English for Communication-I	Theory	HS	3	0	0	0	3
2	U21PHT1001	Applied Physics	Theory	BS	3	0	0	0	3
3	U21MET1001	Science and Engineering of Materials	Theory	BS	3	0	0	0	3
4	U21MAT1001	Engineering Mathematics-I	Theory	BS	3	1	0	0	4
5	U21MET1002	Engineering Graphics and Design	Theory	ES	1	0	4	0	3
6	U21CST1001	Programming for Problem Solving	Theory	ES	3	0	0	0	3
7	U21PHP1001	Applied Physics Laboratory	Practical	BS	0	0	3	0	1
8	U21ENP1001	Communication Laboratory	Practical	HS	0	0	3	0	1
9	U21HEP1001	Personal values	Workshop	HS	0	0	2	0	0
Total Credits									21

BOS MEMBERS

S.No	Name of the Member	Designation	Address
1	Dr.V.Selladurai	AU Nominee	Professor and Principal Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore -641 014
2	Dr. S. Jayaraj	Academic Expert- Subject Expert	Professor Department of Mechanical Engineering National Institute of Technology Calicut- 673 601.
3	Dr. S. Senthilvelan	Academic Expert- Subject Expert	Professor and Head, Department of Mechanical Engineering Indian Institute of Technology Guwahati Guwahati 781039
4	Dr.T.Ramprabhu	Expert from Industry	Deputy Director DRDO Bangalore-560093.
5	Mr.S.Dhatchinamoorthy	Alumni Nominee	Senior CFD Analyst FORD Technology Services Chennai, India

DEPARTMENT OF MECHANICAL ENGINEERING

Semester II

S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U21ENT2001	English for Communication-II	Theory	HS	3	0	0	0	3
2	U21CHT2001	Engineering Chemistry	Theory	BS	3	0	0	0	3
3	U21MAT2001	Engineering Mathematics-II	Theory	BS	3	1	0	0	4
4	U21MET2001	Industrial Design and Sketching	Theory	PC	3	0	0	0	3
5	U21EET2001	Basic Electrical and Electronics Engineering	Theory	ES	3	0	0	0	3
6	U21MET2002	Engineering Mechanics	Theory	ES	3	1	0	0	4
7	U21EEP2001	Basic Electrical and Electronics Engineering Laboratory	Practical	ES	0	0	3	0	1
8	U21CHP2001	Engineering Chemistry Laboratory	Practical	BS	0	0	3	0	1
9	U21HEP2001	Inter Personal values	Workshop	HS	0	0	2	0	0
Total Credits									22

DEPARTMENT OF MECHANICAL ENGINEERING										
Semester III										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U21MAT3001	Engineering Mathematics-III	Theory	BS	3	1	0	0	4	
2	U21ECT3001	Microprocessor and control systems	Theory	ES	3	0	0	0	3	
3	U21MET3001	Thermal Engineering	Theory	PC	3	0	0	0	3	
4	U21MET3002	Mechanics of Machines	Theory	PC	3	1	0	0	4	
5	U21MET3003	Manufacturing Processes	Theory	PC	3	0	0	0	3	
6	U21MET3004	Engineering Economics and Financial Management	Theory	HS	3	0	0	0	3	
7	U21CHT3001	Environmental Science and Engineering	Theory	MC	2	0	0	0	0	
8	U21ECP3001	Microprocessor Laboratory	Practical	ES	0	0	3	0	1	
9	U21MEP3001	Computer Aided Design and Manufacturing Laboratory	Practical	ES	0	0	3	0	1	
10	U21HEP3001	Family values	Workshop	HS	0	0	2	0	0	
									Total Credits	22

DEPARTMENT OF MECHANICAL ENGINEERING										
Semester VI										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U21MET6001	Robotics and Artificial Intelligence	Theory	PC	3	0	0	0	3	
2	U21MET6002	Additive Manufacturing	Theory	PC	3	0	0	0	3	
3	U21CST6001	Data structures and Algorithms	Theory	PC	3	0	0	0	3	
4	U21MET6003	Operations Research	Theory	HS	3	0	0	0	3	
5	PE-II	Professional Elective-II	Theory	PE	3	0	0	0	3	
6	OE-II	Open Elective-II	Theory	OE	3	0	0	0	3	
7	U21MEP6001	Robotics Laboratory	Practical	PC	0	0	3	0	1	
8	U21MEP6002	Rapid Prototyping Laboratory	Practical	PC	0	0	3	0	1	
9	U21MEP6001	National values	Workshop	HS	0	0	2	0	0	
									Total Credits	20

DEPARTMENT OF MECHANICAL ENGINEERING										
Semester IV										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U21MET4001	Fluid Mechanics and Machinery	Theory	PC	3	1	0	0	4	
2	U21MET4002	Mechanical Design Concepts	Theory	PC	3	0	0	0	3	
3	U21MET4003	Strength of Materials	Theory	PC	3	1	0	0	4	
4	U21MET4004	Computer Aided Design and Manufacturing	Theory	PC	3	0	0	0	3	
5	U21MCT4001	Instrumentation and Control Systems	Theory	PC	3	0	0	0	3	
6	U21EET4001	Electrical Drives and Controls	Theory	ES	3	0	0	0	3	
7	U21CHT4001	Indian Constitution	Theory	MC	2	0	0	0	0	
8	U21MEP4001	Strength of Materials Laboratory Fluid Mechanics and Materials Laboratory	Practical	PC	0	0	3	0	1	
9	U21MCP4002	Instrumentation Laboratory	Practical	PC	0	0	3	0	1	
10	U21MEP4003	Internship/In plant Training	Certificate	EEC	0	0	2	0	1	
11	U21HEP4001	Professional values	Workshop	HS	0	0	2	0	0	
									Total Credits	23

DEPARTMENT OF MECHANICAL ENGINEERING										
Semester VII										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U21MCT7001	Sensors and Controls	Theory	PC	3	0	0	0	3	
2	U21CST7001	IOT and Cloud Computing	Theory	PC	3	0	0	0	3	
3	U21MET7002	Total Quality Management	Theory	PC	3	0	0	0	3	
4	U21MET7003	Embedded system design and Development	Theory	PC	3	0	0	0	3	
5	OE-III	Open Elective-III	Theory	OE	3	0	0	0	3	
6	PE-III	Professional Elective-III	Theory	PE	3	0	0	0	3	
7	U21CSP7001	Web Programming laboratory	Practical	PC	0	0	3	0	1	
8	U21CSP7002	Cloud computing Laboratory	Practical	PC	0	0	3	0	1	
9	U21MEP7001	Project Work- Phase-I	Practical	EEC	0	0	0	4	2	
									Total Credits	22

DEPARTMENT OF MECHANICAL ENGINEERING										
Semester V										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U21MET5001	Finite Element Analysis	Theory	PC	3	1	0	0	4	
2	U21MET5002	Industrial Automation and Industry 4.0	Theory	PC	3	0	0	0	3	
3	U21MET5003	Fluid Power Systems	Theory	PC	3	0	0	0	3	
4	U21MCT5001	Mechatronics System Design	Theory	PC	3	0	0	0	3	
5	PE-I	Professional Elective-I	Theory	PE	3	0	0	0	3	
6	OE-I	Open Elective-I	Theory	OE	3	0	0	0	3	
7	U21MEP5001	Computer Aided Analysis Laboratory Metrology and Measurements Laboratory	Practical	PC	0	0	3	0	1	
8	U21MCP5001	Fluid Power Laboratory	Practical	PC	0	0	3	0	1	
9	U21HEP5001	Social Values	Workshop	HS	0	0	2	0	0	
10	U21MEP5002	Technical seminar Presentation	Practical	EEC	0	0	2	0	1	
									Total Credits	22

DEPARTMENT OF MECHANICAL ENGINEERING										
Semester VIII										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	PE-IV	Professional Elective-IV	Theory	PE	3	0	0	0	3	
2	PE-V	Professional Elective-V	Theory	PE	3	0	0	0	3	
3	PE-VI	Professional Elective-VI	Theory	PE	3	0	0	0	3	
4	U21MEP8001	Project work- Phase-II	Practical	EEC	0	0	24	0	12	
									Total Credits	21

DEPARTMENT OF MECHANICAL ENGINEERING

**B.E MECHANICAL AND AUTOMATION ENGINEERING
CURRICULUM AND SYLLABUS**

19

**ANNA UNIVERSITY GUIDELINES & GO –
Nov/Dec 2020 & April/May 2021 EXAMINATIONS**

No	Letter Reference	Content / Purpose / Directions
1	AU Registrar Letter 19707/C12/2020 dated 28/11/2020	To await instructions for Nov / Dec 2020 Examinations
2	AU Registrar Letter 19707/C12/2020 dated 30/11/2020	Nov/Dec 2020 through online proctored mode Semester I exams through online mode during March / April 2021 Other UG/PG exams through online mode April/May 2021
3	AU Registrar Letter 19707/C12/2020 dated 23/12/2020	To conduct Odd Semester UG/PG and Arrear Examinations through Online Proctored Mode
4	AU CoE Letter 19707/C12/2020 dated 26.02.2021	To conduct I Semester Lab Exams through Physical Mode
5	AU CoE Letter 19707/C12/2020 dated 26.03.2021	To conduct UG/PG exams through online mode April/May 2021
6	AU CoE Letter 8946/C12/COE/2021 dated 02/04/2021	To conduct I Semester UG/PG, I Semester Lab Exams – Pending Cases through online Proctored Mode

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Any other matter with the permission of the Chairman

20

QUESTION PAPER PATTERN

Question Paper pattern for online theory end semester exams with MCQ:

- For B.E/ B.Tech/ M.E/ M.Tech/ MCA/MBA (No choice in Part A & B)
 - Part A: 30 questions (1 mark each)
 - Part B: 15 questions (2 marks each)
 - Duration: 1 hour
 - Total Marks: 60

Question Paper pattern for Machine Drawing Course:

- For B.E / B.Tech programmes with the course Machine Drawing (No choice)
 - Part A: 10 questions (2 marks each) – descriptive type
 - Part B: 1 question (20 marks) – descriptive / drawing
 - Part C: 1 question (60 marks) – drawing
 - The answers are to be written in A4 / A3 paper, scanned and uploaded under proctoring
 - Duration: 4 hours
 - Total Marks: 100

23

Kumaraguru College of Technology
Coimbatore – 641 049
(An Autonomous Institution affiliated to Anna University, Chennai)

ACADEMIC COUNCIL MEETING

Office of Controller of Examinations



DATE: 08th May 2021

21

**Modalities for conduct of Theory ONLINE
End Semester Exams
APR/MAY 2021**

- ❖ AI / Manual Proctored Online Exams
- ❖ Software Platform: Examly / Google Meet
- ❖ Multiple Choice Questions with 4 options

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**Modalities for conduct of ONLINE Exams
for Practical Courses
APR/MAY 2021**



- ❖ **Simulation**
- ❖ **Descriptive Questions (Written)**
- ❖ **Multiple Choice Questions**
- ❖ **Viva Voce**

25

**Modalities for conduct of ONLINE
Exams for Project Courses-
APR/MAY 2021**



- ❖ **Simulation**
- ❖ **Descriptive Questions / Report Submission**
- ❖ **Presentation**
- ❖ **Viva Voce**

26

Thank
You!



27



KUMARAGURU
college of technology
character is life

18th Academic Council Meeting Minutes



KUMARAGURU
college of technology
character is life

Ref: KCT/ACM/M18/2020-2021

Date 06th Jan, 2021

Dear Sir / Madam,

Sub: Kumaraguru College of Technology - 18th Academic Council Meeting of Academic
Autonomy- reg.

We wish to inform that the 18th Academic Council Meeting of Academic Autonomy of
Kumaraguru College of Technology, Coimbatore is scheduled to be held at 10.30 am on Monday the
11th January, 2021 in ONLINE mode.

AGENDA OF THE MEETING

- 1) Approval of minutes of Standing Committee Meeting
- 2) Approval of amendments made in regulations R-2015, R-2017 and R-2018 for UG and PG programmes
- 3) Approval of online mode of teaching – learning for theory, practical and project courses
- 4) Approval of Question Paper Pattern for conduct of theory end semester examinations in online mode
- 5) Approval of continuous and end semester assessment methodologies for practical and project courses in online mode
- 6) Approval of R-2017 & R-2018 Curriculum and Syllabi of all UG & PG Programmes.
- 7) Approval of Regulation 2020, Curriculum and Syllabi for MCA Two years programme
- 8) Approval of Regulation 2020, Curriculum and Syllabi for MBA (IEV) Two years programme
- 9) Any other matter with the permission of Chairman, Academic Council

Kindly make it convenient to attend the meeting as per schedule.

Thanking You,

Yours faithfully,

Principal/Chairman, Academic Council

Dr. J. SRINIVASAN, M.Tech., Ph.D.

PRINCIPAL

Kumaraguru College of Technology

Coimbatore - 641 049

info @kct.ac.in

To

The members concerned



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MEETING OF THE 18th ACADEMIC COUNCIL

Date: 11.01.2021 (Monday)

Online Meeting : Google Meet Platform

TABLE AGENDA

Sl.No	Time	Agenda Points	By
1	10.30 am to 10.35 am	Welcome Address	Dr. J. Srinivasan, Principal & Chairman – Academic Council, Autonomous Statute
2	10.35 am to 10.40 am	<ul style="list-style-type: none"> • Introduction of BoS chairpersons. • Approval of the minutes of the standing committee meeting 	Dr. S. Sundaresan, Head Autonomous
3	10.40 am to 10.45 am	<p>Regulation and Amendments</p> <ul style="list-style-type: none"> ✓ Approval of the amendments made in Regulation-2017 & Regulations 2018 - UG & PG programmes <p align="right">– PPT presentation</p>	Dr. V. Stephen Rapheal, Head, Academic Innovations
4	10.45 am to 10.50 am	<ul style="list-style-type: none"> ✓ Approval of online mode of teaching – learning for theory, practical and project courses <p align="right">– PPT presentation</p>	
5	10.50 am to 10.55 am	<ul style="list-style-type: none"> ✓ Approval of Question Paper Pattern for conduct of theory end semester examinations in online mode ✓ Approval of assessment methodologies for practical and project courses in online mode <p align="right">– PPT presentation</p>	Dr. A. Vasuki Controller of Examinations
6	10.55 am to 12.45 pm	<p>Approval of R-2017, R-2018 & R-2020 Curriculum and Syllabus for all B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes</p> <ul style="list-style-type: none"> ❖ 10.55 am to 11.35 am- For Approval of New Programmes ✓ R-2020 - Regulation, curriculum and syllabi for two years MBA(Innovation, Entrepreneurship & Venture Development) programme. ✓ R-2020- Regulation, curriculum and syllabi for two years MCA programme 	Dr.B.L.Lakshmi Meera, Head - Forge Academy HOD / MCA

		<ul style="list-style-type: none"> ✓ R-2018 Curriculum and syllabi for four years B.Tech -Artificial Intelligence & Data Science Programme ✓ R-2018 Curriculum and syllabi for two years M.E -Construction Management Programme ✓ Curriculum and syllabi for four years B.E - Electronics & Automation Engineering (Data Science) Programme ✓ Curriculum and syllabi for four years B.E -Mechanical and Smart Manufacturing Programme ✓ Curriculum and syllabi for two years M. Tech - IT (Artificial Intelligence & Robotics) Programme <p>❖ 11.35 am to 12.55 pm- For Approval of Existing Programmes</p> <ul style="list-style-type: none"> ✓ 11.35 am to 11.40 am – Biotech ✓ 11.40 am to 11.45 am – Computer Science ✓ 11.45 am to 11.50 am – Information Science ✓ 11.50 am to 11.55 am - Electrical & Electronics ✓ 11.55 am to 12.00 pm – Electronics and Communication ✓ 12.00 pm to 12.05 pm – Electronics & Instrumentation ✓ 12.05 pm to 12.10 pm – Information Technology ✓ 12.10 pm to 12.15 pm – Aero ✓ 12.15 pm to 12.20 pm – Auto ✓ 12.20 pm to 12.25 pm – Civil ✓ 12.25 pm to 12.30 pm – Fashion Technology ✓ 12.30 pm to 12.35 pm – Mechanical ✓ 12.35 pm to 12.40 pm - Mechatronics ✓ 12.40 pm to 12.45 pm – Textile Technology ✓ 12.45 pm to 12.50 pm – Technology Management ✓ 12.50 pm to 12.55 pm – School of Foundation Sciences <p style="text-align: right;">– PPT presentation</p>	<p>Dr.B.L.Lakshmi Meera, Head - Forge Academy</p> <p>HOD/Civil</p> <p>HOD/EIE</p> <p>HOD/Mech</p> <p>HOD/ECE</p> <p>HOD / BT</p> <p>HOD / CSE</p> <p>HOD / ISE</p> <p>HOD / EEE</p> <p>HOD / ECE</p> <p>HOD / EIE</p> <p>HOD / IT</p> <p>HOD/AE</p> <p>HOD/AU</p> <p>HOD / CE</p> <p>HOD / FT</p> <p>HOD / ME</p> <p>HOD / MCE</p> <p>HOD / TT</p> <p>Dr. P. Nalini, KCT</p> <p>HOD / SFS</p>
7	12.55 pm to 01.00 pm	<p>Amendments made in R-2017 MBA curriculum and syllabi for semester 1 to semester 4.</p> <p style="text-align: right;">– PPT presentation</p>	Director/MBA
8	01.00 pm to 01.05 pm	Any other matter with the permission of the Chairman, Academic Council, Autonomous Statute.	Dr. J. Srinivasan, Principal & Chairman – Academic Council, Autonomous Statute
9	01.05 pm to 01.10 pm	Vote of Thanks	Dr. D. Saravanan, Dean – Academics



KUMARAGURU COLLEGE OF TECHNOLOGY

(An Autonomous Institution affiliated to Anna University, Chennai)

Office of the Coordinator Autonomous

KCT/COE/G-SCM/116/2020-2021

Date: 9th Jan 2021

Minutes of the meeting of 22nd Standing Committee

A meeting of the Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore, was held on 8th and 9th Jan 2021 at 11.15 am in online mode.

The following members were present for the meeting.

Sl.No.	Name of the Member	Designation & Department
1.	Dr. J. Srinivasan	Principal, Chairman - Academic Council
2.	Dr. D. Saravanan	Dean – Academics
3.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering
4.	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering
5.	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering
6.	Prof. S. Sivakumar	Professor and Head(i/c), Chairman -Board of Automobile Engineering
7.	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering
8.	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics & Instrumentation Engineering
9.	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical & Electronics Engineering
10.	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman -Board of Electronics & Communication Engineering
11.	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engg.
12.	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology
13.	Dr. M. Alamelu	Professor and Head(i/c), Chairperson - Board of Information Technology

14.	Prof. U. Thiruvaazhi	Professor and Head(i/c), Chairman – Board of Information Science and Engg.
15.	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology
16.	Dr. G. Ramakrishnan	Professor and Head, Chairman –Board of Fashion Technology
17.	Dr. M. Ezhilarasi	Professor & Head, Chairperson- Board of School of Foundation Science
18.	Dr. Mary Cherian	Professor and Head, Chairperson –Board of Management Studies
19.	Dr. L. Dhanabal	For Head (i/c), Chairman – Board of Computer Applications
20.	Dr. A. Vasuki	Controller of Examinations
21.	Dr. R. Manivel	Professor in Mech.and Professor Incharge R&D
22.	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous
23.	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, Academic Council Meeting
24.	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovation
25.	Dr. B. L. Lakshmi Meera	Program Director - FORGE Accelerator -MBA(IEV)
26.	Dr. P. Nalini	Faculty Incharge – M.Tech (MTM)

The following points were discussed in the meeting:

- ❖ *Dr. J. Srinivasan, Principal – Chairman Academic Council welcomed all the members and invited Dr. Vinohar Stephen Rapheal, Head – Academic Innovation to present the Amendments and Ratification made in Regulations 2017 and 2018 of UG and PG programmes.*

1. Amendments for R-2017 and R-2018 of all UG and PG programmes were presented for the approval of the members.
2. Attendance criteria for special cases can be 65% and to be passed by ACC
3. The student who is in remote places and having network issues in the attendance % can be considered as special case
4. For calculating attendance both synchronous and asynchronous session can be taken into account. Attendance requirement for the online courses is 75% (Both asynchronous and synchronous session put together)

5. For NPTEL/SWAYAM courses course mapping for maximum of 3 credit can be given
6. A maximum of 3 credits can be considered instead of one professional elective course, and 6 credits can be considered instead of two Open elective courses. Clauses 21.3 and 21.8 in R18 regulation can be merged. Mandatory non-credit course Research Ethics for PG can be introduced from 2020 batch.
7. Universal Human Values (UHV) –II course may be introduced in III and IV sem for 2020 Batch as 3 credit course (mandatory non CGPA course) not accountable in CGPA) (credit is 160 +3)
8. Professional communication course offered in R17 is removed and instead of this one Professional elective course introduced and it is ratified by the committee.
9. A two credit course “Swachh Bharat” introduced as additional non CGPA course
10. Approval on online mode of education
11. G- Meet and ZOOM used for online teaching initially adopted (2019-20 Even sem). Project germinate created and for the ODD sem (2020-21) KOED started and online classes done through MS teams for online mode of Teaching and Learning process.
12. End Semester examinations are planned to be conducted through online mode under AI proctoring.
13. For the even semester (2020-21) the classes will be taken through online / offline / hybrid mode based on the post covid-19 situation.
14. Owing to the delay in Lateral entry admissions and resulting short ODD semester, uniform lower credit registration was followed, and the unregistered courses will be additionally taken up in the even semester.
- ❖ *Dr. J. Srinivasan, Principal – Chairman Academic Council Invited Dr. A. Vasuki, CoE to Present Question Paper Pattern for conduct of theory end semester examinations (Dec 2020) in online mode*
15. End semester exam for II yr, III yr and IV yr UG and PG is planned to conduct through online mode from 3rd week of January 2021.

✓ The question paper pattern is as follows:

Degree	Part A	Part B
UG	30 x 1 mark= 30 Marks	15 x2 Marks = 30 Marks
B.E/B.Tech	LOTS	HOTS
PG	30 x 1 mark= 30 Marks	15 x2 Marks =30 Marks
M.E/M.Tech	LOTS	HOTS

MBA	60 x 1 = 60 marks
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- ✓ Already exam for few courses (arrear and regular) has been conducted using the following pattern:

Degree	Part A	Part B
UG B.E/B.Tech	(40 questions) 30 x 1 mark= 30 Marks LOTS	(20 questions) 15 x2 Marks =30 Marks HOTS
PG M.E/M.Tech	(40 questions) 30 x 1 mark= 30 Marks LOTS	(20 questions) 15 x2 Marks = 30 Marks HOTS

MBA	60 x 1 = 60 marks
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16. The exam in online conducted by AI proctored and using EXAMLY/GOOGLE meet platform

- ✓ Approval of assessment methodologies for practical and project courses in online mode

17. For end semester practical examination simulation/descriptive/MCQ/Viva voce is proposed and for the duration of 3 hours

- ❖ *Dr. J. Srinivasan, Principal – Chairman Academic Council invited various HODs-Chairman of BoS of various programmes to present and get the approval of R-2017, R-2018 & R-2020 Curriculum and Syllabus for all B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes as per the details mentioned below:*

18. The following newly introduced programmes curriculum and syllabus are discussed

- ✓ R-2020 - Regulation, curriculum and syllabi for two years **MBA(Innovation, Entrepreneurship & Venture Development) programme.**
- ✓ R-2020- Regulation, curriculum and syllabi for two years **MCA programme**
- ✓ R-2018 Curriculum and syllabi for four years **B.Tech - Artificial Intelligence & Data Science Programme**
- ✓ R-2018 Curriculum and syllabi for two years **M.E - Construction Management Programme**
- ✓ Curriculum and syllabi for four years **B.E - Electronics & Automation Engineering (Data Science) Programme**
- ✓ Curriculum and syllabi for four years **B.E -Mechanical and Smart Manufacturing Programme**

- ✓ Curriculum and syllabi for two years **M. Tech - IT (Artificial Intelligence & Robotics) Programme**
- ❖ R-2017, R-2018 Curriculum and Syllabus for all B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes are presented by HoDs – Chairman of BoS as per the details mentioned below:

S.No	Programme / Department	UG	PG
1	MBA-IEV	----	R2020 Sem I to IV curriculum SEM I and II Syllabus
2	MCA	----	R 2020 Semester I to IV
3	AI &DS	Semester I to VIII curriculum Semester I and II Syllabus	----
4	Civil Engineering	----	Construction management I to IV sem
5	B.E- Electronics & Automation Engineering (Data Science)	I to VIII sem	---
6	B.E -Mechanical and Smart Manufacturing	I to VIII sem curriculum and Syllabus	----
7	M. Tech - IT (Artificial Intelligence & Robotics) Programme	----	I to IV sem curriculum
8	Biotechnology	R18: VII and VIII sem	Addition of New elective
9	Computer Science & Engineering	R17-Electives added R18 : VII & VIII sem	R18- Electives added
10	ISE	R18: V to VIII sem	----
11	Electrical and Electronics Engineering	R17- Addition of electives R18: V to VIII sem	----
12	Electronics and Communication Engineering	R17- Elective added	-----

S.No	Programme / Department	UG	PG
		R18: V to VIII sem	
13	Electronics and Instrumentation Engineering	R17 VII and VIII sem R18 V to VIII sem	---
14	Information technology	R18: Additional elective courses	R18: Additional elective courses & change in some of the subject titles
15	Aeronautical Engineering	R18 Sem VII a change in course Approval of One Credit Course	---
16	Automobile Engineering	Addition of electives in R18	---
17	Civil Engineering	R18 V to VIII sem	---
18	Fashion Technology	R18: V to VIII sem	---
19	Mechanical Engineering	R18 V to VIII sem	Addition of elective courses
20	Mechatronics Engineering	R17 VII and VIII sem R18 V to VIII sem	-----
21	Textile Technology	R18: V to VIII sem	---
22	Technology Management	----	I to IV sem New courses and electives added Revised POs&PEOs
23	<u>School of Foundation Sciences</u> 1) English	Course code changes and syllabus change without altering the course title	--
	2) Mathematics	<u>Syllabus for</u> AI &DS	<u>Syllabus for</u> MCA, M.E- Construction Management
	3) Physics	One credit course	--
	4) Chemistry	New topic suggested which will be taught and given as assignment to	--

S.No	Programme / Department	UG	PG
		students	

Following other points were also discussed:

18. For the project phase I meant for UG & PG courses presentation of PPT followed with viva voce –duration for 3 hours

19. R-2020 MCA programme total credit to be increased to 84 to 86

20. For the assessment pattern for embedded course for AI&DS course specific QP pattern to be presented and to be approved by academic council

21. Modalities of conducting practical and project presented by Dr.Stephen, Academic Innovation after consolidating inputs from HoDs.

22. The following typo graphical error need to be corrected as in the existing Regulations of 2017 and 2018 of all UG and PG programmes with the approval of the members:

✓ Typo Correction & Clarification of Clause 11.5

- In Clause 11.5 of R17/R18 UG and R18 MCA, the Phrase "Capstone Project work" to be replaced by "Phase I and Phase II project work".

- Legend to table- For Phase 1, External examiner to be faculty from allied program/department of the institution and for Phase 2, it will be from outside the institution

23. The following point may suitably incorporate in the existing Regulations of all UG and PG programmes with the approval of the members:

✓ “Owing to any unprecedented events, natural calamities and/or any situation arising out of force majeure clause, the institution may adopt alternative and simplified modes and methods of examinations to complete the process in shorter period in compliance with academic requirements. In such case, the end semester examinations may be conducted as paper based/online/computer based or integrated of the above. The assessment may include MCQ/ OMR based examinations, Open Book Examination, Open Choices, assignment/ presentation-based assessments etc”.

The committee approved all the above points.

The meeting ended at 2.00pm.

To
All the members concerned



Chairman, Academic Council / Principal

Dr. J. SRINIVASAN, M.Tech., Ph.D.
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.

ANNEXURE-I

✓ KEY AMENDMENTS IN R17 & R18 REGULATIONS

➤ R2017, R2018 Regulations- UG/PG

Criteria	Existing –R17, R18	Amendment/Ratification - R17, R18
Attendance Criteria	Minimum attendance of 75% in each course.	For genuine and valid reasons (Medical/National level events), the attendance requirement may be waived a further 10% (ie. upto 65%) as per recommendation of ACC
Attendance Criteria (Online classes)	None	- One time measure during the period of the current Pandemic - Students in remote areas with poor internet connectivity (i.e J&K) attendance criteria to be relaxed , and be supplemented with Asynchronous content
NPTEL/ SWAYAM Course Credit Transfer	A maximum of 3 credits can be considered instead of one professional elective course	- A maximum of 3 credits can be considered instead of one professional elective course, and 6 credits can be considered instead of two Open elective courses. - Clauses 21.3 and 21.8 merged

➤ R2018 Regulations- PG

Criteria	Existing – R18	Introduction - R18
Research Ethics	None	<ul style="list-style-type: none"> • Course introduced on Research Ethics (P18INR00) • Mandatory non-credit course • 2020-22 batch onwards

R2018 Regulations- UG & PG



Criteria	Existing –R17, R18	Introduction - R18
Universal Human Values II Course	None	<ul style="list-style-type: none"> Introduced as per AICTE directives (circular No. AICTE/IPC/2020 193) Syllabus adapted and modified as per Suggested by AICTE 3 credit, mandatory, non-CGPA course



Ratification in B.E/B.Tech 2017/2018 Curricula

R2018 Regulations- UG & PG



Criteria	Existing -R17, R18	Introduction - R18
Removal of Course	Professional Communication and Analytical Reasoning course (U17INT6000, U17INT7000, U18INT7000)	<ul style="list-style-type: none"> Introduced 3 credit Professional Elective as per departmental

R2018 Regulations- UG



Criteria	Existing -R17, R18	Introduction - R18
Swachh Bharat Summer Internship	None	<ul style="list-style-type: none"> Introduced 2 credit for "Swachh Bharath summer internship 2018" – as per GOI circular dated Additional credits, non-CGPA, beyond minimal program requirements



11th January 2021

Minutes of the 18th Meeting of Academic Council of the Autonomous Body

The 18th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 11th January 2021 from 10.30 a.m. to 04.15 p.m. in online mode via Google meet.

The following members were present for the meeting:

Chairman – Academic Council – Autonomous Statue

1. Dr. J. Srinivasan – Principal & Chairman, Academic Council.

Members Nominated by Anna University Chennai		
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025
3.	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai- 600 025
4.	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104

Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,

5.	Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021
6.	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103
7.	Mr.Hariharan Ganesan	Head of R2 Data Labs, Rolls-Royce India Pvt. Ltd., L3 Manyata Tech Park, Nagavara, Bangalore- 560045

Internal Members and Board Chair persons		
Sl.No.	Name of the Member	Designation & Department
8.	Dr. D. Saravanan	Professor, Textile Technology and Dean – Academics
9.	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations
10.	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous
11.	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, Academic Council Meeting
12.	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations
13.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering
14.	Dr. B. Senthil Kumar	For Professor and Head, Chairman - Board of Mechanical Engineering
15.	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering
16.	Prof. S. Sivakumar	Professor and Head(i/c), Chairman -Board of Automobile Engineering
17.	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering
18.	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics & Instrumentation Engineering
19.	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical & Electronics Engineering
20.	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman -Board of Electronics & Communication Engineering
21.	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering
22.	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology
23.	Dr. M. Alamelu	Professor and Head, Chairperson - Board of Information Technology
24.	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology
25.	Dr. G. Ramakrishnan	Professor and Head, Chairman –Board of Fashion Technology

26.	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences
27.	Dr. H. Arul	Head, Chairman - Board of Physics, School of Foundational Sciences
28.	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry, School of Foundational Sciences
29.	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics, Foundational Sciences
30.	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English, School of Foundational Sciences
31.	Dr. Mary Cherian	Professor and Head, Chairperson –Board of Management Studies
32.	Dr. L. Dhanabal	For Head (i/c), Chairman – Board of Computer Applications
33.	Prof. U. Thiruvaazhi	Professor and Head(i/c), Information Science and Engineering
34.	Dr. B. L. Lakshmi Meera	Program Director - FORGE Accelerator -MBA(IEV)
35.	Dr. P. Nalini	Faculty Incharge – M.Tech (MTM)

01. Welcome Address

Dr. J. Srinivasan, Principal, KCT and Chairman – Academic council, welcomed the members to the 18th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / New members

The following were presented by Dr. S. Sundaresan, Head Autonomous and were approved by the academic council.

- a. Minutes of the 22nd Standing Committee meeting held on 8th & 9th Jan 2021.
- b. Newly inducted members to the 18th Academic Council meeting.

03. Regulation and Amendments:

Dr. Vinohar Stephen Rapheal, Head, Academic Innovations, presented the Amendments' made in R-2017 and R-2018 of UG/PG programmes. The deliberations were as follows:

- a. For students in 2017, and 2018 regulations - B.E/B.Tech, M.E/M.Tech, R18 MCA, and R17 MBA- the regulations as it stands, specify a minimum attendance requirement of 75% for students to be able to sit for the end semester examinations.

As an amendment to the above, it was proposed that in addition to the above clause, for genuine and valid reasons (Medical/National level events), the attendance requirement may be waived a further 10% (ie. upto 65%) as per recommendation of Academic Consultative Committee (ACC). The committee approved the proposal.

b. With respect to Attendance for Online classes, it was proposed as a ONETIME MEASURE during the period of the current Pandemic, for students in remote areas with poor internet connectivity (e.g. J&K), the minimum attendance criteria to be relaxed, and be supplemented with equivalent Asynchronous content. The committee approved the proposal as an one time exception due to the pandemic situation.

c. With respect to NPTEL/SWAYAM online courses, in the R-2017 and R-2018 regulations as it stands, a credit transfer to the extent of a maximum of 3 credits instead of one professional elective course currently exists.

It was proposed, to additionally allow for credit transfer for two open electives (3+3=6 credits), for eligible students subject to fulfilling all academic requirements.

The Anna University nominee brought to notice, procedural difficulties in timelines for grade publishing. After due deliberation, the committee decided instead of mapping it to open electives, it can be listed as additional non-CGPA credit courses beyond the minimal credit requirements. The committee approved the modified decision.

d. With respect to R-2018 M.E/M.Tech regulations, for students admitted from 2020 batch onwards, a new course on “Research Ethics” was proposed to be introduced. It will be a mandatory non-credit course. The committee approved the proposal.

e. With respect to R-2017 & R-2018 B.E/B.Tech. programme, Professional Communication and Analytical Reasoning course was proposed to be moved to elective list. The committee approved the proposal.

f. With respect to R-2018 B.E/B.Tech regulations as per AICTE directives (circular No. AICTE/IPC/2020/93 Dtd:19.2.2020), it was proposed to introduce: (a) UHV-I as a part of Induction program (non-credit) and (b) UHV-II as a 3 credit, mandatory, non-CGPA course. The UHV-II Syllabus is proposed to be adapted and modified as per the syllabus suggested by AICTE. The committee approved the proposals.

g. For R2017, R2018 UG&PG regulations, it was proposed to introduce a two credit “Swachh Bharath summer internship 2018” as per MHRD circular dated 20.4.2018, for eligible students. It will be listed as additional non-CGPA credits, beyond minimal program requirements. The committee approved the proposal.

h. It was proposed that, owing to the unprecedented situation arising due to Covid-19, during the Academic Year 2020-2021, the institution may adopt as a ONE TIME MEASURE, alternative and simplified modes and methods of examinations to complete the process in shorter period in compliance with academic requirements.

In such a case, the end semester examinations may be conducted as online/computer based / paper based online exam (scanned copy) or integrated of the above. The assessment may include Multiple Choice Questions (MCQ), Open Book Examination, presentation-based assessments etc. The committee approved the proposal.

- i. The Conduct of Teaching Learning process and procedures during the pandemic were presented for approval. The committee appreciated the efforts by the institution in this regard. The University nominee offered suggestions towards enhancing teaching learning process by contacting IQAC cell of the University.

04. Question paper pattern for conduct of end semester theory examinations in online mode

Dr. J. Srinivasan, Principal & Chairman, Academic Council invited Dr. A. Vasuki, CoE to present Question Paper Pattern for conduct of theory end semester examinations Dec 2020 in online mode

- ✓ The assessment pattern for theory /practical / project work in online mode as a one-time measure during the pandemic period was presented by CoE.
- ✓ The end semester exams for theory will be conducted in online mode as one time measure during the pandemic period under AI proctoring in Examly platform for BE/ BTech/ ME/ MTech/ MCA/ MBA with MCQ. For students with severe network connectivity issues such as those in J&K, the online exam will be conducted using manual (video) proctoring via Google Meet.

Question Paper pattern for online theory end semester exams with MCQ:

- Pattern 1: B.E/ B.Tech/ M.E/ M.Tech/ MCA/MBA (No choice in Part A & B)
 - Part A: 30 questions (1 mark each)
 - Part B: 15 questions (2 marks each)
 - Duration: 1 hour
 - Total Marks: 60
- For B.E / B.Tech programmes with the course Machine Drawing (No choice)
 - Part A: 10 questions (2 marks each) – descriptive type
 - Part B: 1 question (20 marks) – descriptive / drawing
 - Part C: 1 question (60 marks) – drawing
 - The answers are to be written in A4 / A3 paper, scanned and uploaded under AI proctoring
 - Duration: 4 hours
 - Total Marks: 100
- Pattern 2: B.E/ B.Tech/ M.E/ M.Tech/ MCA
 - Part A: 40 questions (1 mark each)
(Choice of 30 out of 40 questions to be answered)
 - Part B: 20 questions (2 marks each)
(Choice of 15 out of 20 questions to be answered)
 - Duration: 1 hour
 - Total Marks: 60

MBA: One section consisting of 60 questions (1 mark each) - No choice

- Duration: 1 hour
- Total Marks: 60

- For B.E / B.Tech programmes with the course Machine Drawing
 - Part A: 10 questions (2 marks each) – descriptive type
 - Part B: 2 questions (20 marks each) – descriptive / drawing (Choice of 1 out of 2 questions to be answered)
 - Part C: 2 questions (60 marks each) – drawing (Choice of 1 out of 2 questions to be answered)
 - The answers are to be written in A4 / A3 paper, scanned and uploaded under AI proctoring
 - Duration: 4 hours
 - Total Marks: 100

After the deliberations, the committee approved Pattern 1 for theory exams and recorded that the exams conducted earlier with Pattern 2 during 21.12.2020 to 30.12.2020 have to be conducted again.

➤ For Ph.D Course Work Exams:

- Scholars registered for Apr / May 2020
 - ESE Written exam in campus (Physical mode)
 - Question paper pattern as per PG Regulations 2018
 - Duration: 3 hrs.
- Scholars enrolled during Aug - Nov 2020
 - Online exam along with regular PG
 - MCQ
 - Duration: 1 hour
- ✓ For practical courses the assessment in online mode is based on the following and conducted for a duration of 3 hrs.
 - ❖ Simulation
 - ❖ Descriptive Questions
 - ❖ Multiple Choice Questions
 - ❖ Viva Voce
- ✓ For Project Work the assessment in online mode is based on the following:
 - ❖ Simulation
 - ❖ Descriptive Questions
 - ❖ Report Submission
 - ❖ Presentation
 - ❖ Viva Voce
- ✓ For all of the above examinations, the passing requirements will be as per the Regulations.

The assessment pattern for practical and project work Phase I, Phase II and for Ph.D course work was approved by the Committee members.

05. Approval of newly introduced programmes curriculum and syllabus are discussed

Dr. J. Srinivasan, Principal – Chairman Academic Council invited various Heads of the Departments - Chairpersons of BoS of various programmes to present and get the approval of New programme Regulations, Curriculum and Syllabus for UG & PG programmes as per the details mentioned below:

- ✓ R-2020 - Regulation, curriculum (Sem 1 to Sem 4) and syllabi (Sem 1 and Sem 2) for two years **MBA(Innovation, Entrepreneurship and Venture Development) programme** - The program is to be offered only by the department and not by any sub units. Evaluation and credits to be awarded in accordance with the University regulations. Due approval from Director, Academic courses of the University is to be obtained.
- ✓ R-2020- Regulation, curriculum (Sem 1 to Sem 4) and syllabi (Sem 1 and Sem 2) for two years **MCA programme**
- ✓ R-2018 Curriculum (Sem 1 to Sem 8) and syllabi (Sem 1 and Sem 2) for four years **B.Tech - Artificial Intelligence and Data Science programme**
- ✓ R-2018 curriculum (Sem 1 to Sem 4) and syllabi (Sem 1 to Sem 4) for two years **M.E - Construction Management programme**

After detailed deliberations, the committee approved the above proposal for the AY 2020-2021. The Chairman deferred the discussion of the following new programmes planning to be started during the AY 2021-2022.

- ✓ Curriculum and syllabi for four years **B.E - Electronics & Automation Engineering (Data Science) programme**
- ✓ Curriculum and syllabi for four years **B.E -Mechanical and Smart Manufacturing programme**
- ✓ Curriculum and syllabi for two years **M. Tech - IT (Artificial Intelligence & Robotics) programme**

06. Approval of Curriculum & Syllabus for Regulation 2017 UG (B.E/B.Tech) for semesters 7 and 8

The Heads of the Departments - Chairpersons presented the curriculum and syllabus for UG (BE / B.Tech) for semester 7 and semester 8 of Regulation-2017 for 3 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Biotechnology	7 and 8	The academic council granted approval for the curriculum and syllabus for UG (BE / B.Tech) for semester 7 and semester 8 of Regulation-2017 for 3 U.G programmes.
2	Electronics and Instrumentation Engineering		
3	Mechatronics Engineering		

07. Approval of Curriculum & Syllabus for Regulation 2018 UG (BE/BTech) for semesters 5 to 8

The Heads of the Departments - Chairpersons presented the curriculum and syllabus for UG (B.E / B.Tech) for semester 5 to semester 8 of Regulation-2018 for 14 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering	Sem 5 to Sem 8	The academic council granted approval for the curriculum and syllabus for UG (B.E / B.Tech) for semester 5 to semester 8 of Regulation-2018 for 14 U.G programmes
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		
5	Computer Science and Engineering		
6	Electrical and Electronics Engineering		
7	Electronics and Communication Engineering		
8	Electronics and Instrumentation Engineering		
9	Fashion Technology		
10	Information Technology		
11	Information Science and Engineering		
12	Mechanical Engineering		
13	Mechatronics Engineering		
14	Textile Technology		

08. Approval of Amendments made in Regulation-2017 of MBA

The HoD MBA presented the Amendments' made in Regulation-2017

- ✓ **Existing Clause 2.4: Types of Courses and Credit Distribution (page 9)**
 - (1) Amendment 1 : Clause 2.4 Table Serial No: 4 (Projects)
Insertion of the word “/virtually” after the word in the field (line2)
 - (2) Amendment 2 : Clause 2.4.4
Insertion of the word “/virtual mode” after the word field practice (line3)
 - (3) Amendment 3 : Addition to the Project course content (P17BACP304) (page 41)
Insertion of “Internship” after the word Business Plan in course title

09. Approval of Amendments made in Curriculum & Syllabus for Regulation 2018 PG (M.E/M.Tech) for semesters 1 to 4

The Heads of the Departments - Chairpersons presented the Amendments made in curriculum and syllabus for PG (M.E / M.Tech) – curriculum and syllabi for sem 1 to sem 4 of Regulation-2018 for 5 PG programmes:

Sl.No.	Programme	Semesters	Approval
1	Industrial Engineering	Semester 1 to Semester 4	The academic council granted approval for the Amendments made in curriculum and syllabus for PG (M.E / M.Tech) semester 1 to semester 4 of Regulation-2018 for addition of elective courses
2	Computer Science and Engineering		
3	Data Science		
4	Biotechnology		
5	Masters of Technology Management		

10. Any other matter with the permission of the Chair:-

- ✓ Evaluation of MCQ pattern questions and answers of end semester theory examinations will be done automatically through examination software.
- ✓ Evaluation for Machine Drawing course will be done by conventional evaluation method.

11. Suggestion by the external members of the Academic Council:-




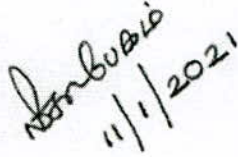
- ✓ For the introduction of "Research Ethics" course for PG students of 2020 batch, AU nominee advised to use the expertise of NITTTR.
- ✓ AU Nominee insisted that MBA (Innovation, Entrepreneurship and Venture Development) programme should be conducted by the institution.

12. Vote of Thanks

Dr. J. Srinivasan, Principal proposed vote of thanks.

Approved by

Signature

1	Dr. J. Srinivasan	Chairman - Academic Council / Principal	
Nominee of Anna University			
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025	
3	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai-600 025	
4	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	

The meeting came to an end at 4.15 PM.



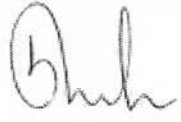
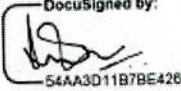
Chairman, Academic Council /Principal







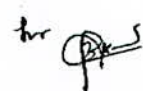



Dr. J. SRINIVASAN, M.Tech., Ph.D.
PRINCIPAL



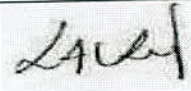
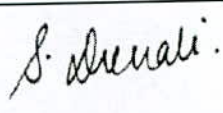


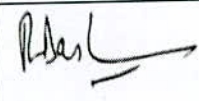

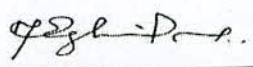

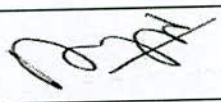
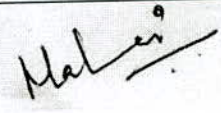

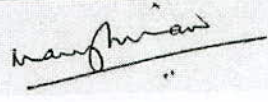
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Coimbatore - 641 049.

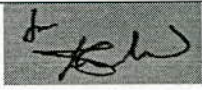





Experts nominated by the Governing Body:

Sl.No.	Name of the Member	Organization	Signature
5	Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	
6	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	Sudha Rengarajan  DocuSigned by: 54AA3D11B7BE426...
7	Mr.Hariharan Ganesan	Head of R2 Data Labs, Rolls-Royce India Pvt. Ltd., L3 Manyata Tech Park, Nagavara, Bangalore- 560045	Hariharan n Digitally signed by Hariharan Date: 2021.01.19 13:12:51 +05'30'

Sl.No.	Name of the Member	Designation & Department	Signature
8.	Dr. D. Saravanan	Professor, Textile Technology and Dean – Academics	
9.	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations	
10.	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous	
11.	Dr. J. Vijay Prakash	Associate Professor and Deputy CoE, Convener, Academic Council Meeting	
12.	Dr. Vinohar Stephen Rapeal	Associate Professor in BT and Head – Academic Innovations	
13.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering	
14.	Dr. B. Senthil Kumar	For Professor and Head, Chairman - Board of Mechanical Engineering	
15.	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering	
16.	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering	
17.	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering	

Sl.No.	Name of the Member	Designation & Department	Signature
18.	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics and Instrumentation Engineering	
19.	Dr. K. Malarvizhi	Professor and Head, Chairperson - Board of Electrical and Electronics Engineering	
20.	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman - Board of Electronics and Communication Engineering	
21.	Dr. P. Devaki	Professor and Head, Chairperson - Board of Computer Science and Engineering	
22.	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology	
23.	Dr. M. Alamelu	Professor and Head, Chairperson - Board of Information Technology	
24.	Dr. R. Baskar	Professor and Head, Chairman - Board of Biotechnology	
25.	Dr. G. Ramakrishnan	Professor and Head, Chairman - Board of Fashion Technology	
26.	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences	
27.	Dr. H. Arul	Head, Chairman - Board of Physics, School of Foundational Sciences	
28.	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry, School of Foundational Sciences	
29.	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics, Foundational Sciences	
30.	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English, School of Foundational Sciences	
31.	Dr. Mary Cherian	Professor and Head, Chairperson - Board of Management Studies	


Sl.No.	Name of the Member	Designation & Department	Signature
32.	Dr. L. Dhanabal	For Head (i/c), Chairman – Board of Computer Applications	
33.	Prof. U. Thiruvaazhi	Professor and Head (i/c), Information Science and Engineering	
34.	Dr. B. L. Lakshmi Meera	Program Director - FORGE Accelerator -MBA(IEV)	
35.	Dr. P. Nalini	Faculty In-charge – M.Tech (MTM)	

Members not present:

Sl.No.	Name of the Member	Organization	Role
1	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	Experts nominated by the Governing Body
2	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd,Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	Experts nominated by the Governing Body
3	Dr. C. Velmurugan	Professor and Head,	Chairman - Board of Mechanical Engineering
4	Dr. M. Manikantan	Professor and Head (i/c),	Chairman – Board of Computer Applications

To: All the members




Chairman, Academic Council /Principal
Dr. J. SRINIVASAN, M.Tech.,Ph.D.
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.

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ACADEMIC COUNCIL MEETING

DEPARTMENT OF ECE



DATE: 11th Jan 2021

DEPARTMENT OF ECE

Semester II

S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U18ENI2201	Fundamentals of Communication-II	Embedded - Theory & Lab	BS	2	0	2	0	3
2	U18MAI2201	Advanced Calculus and Laplace Transform	Embedded - Theory & Lab	HS	3	0	2	0	4
3	U18PHI2201	Engineering Physics	Embedded - Theory & Lab	BS	3	0	2	0	4
4	U18MEI2201	Engineering Graphics	Embedded - Theory & Lab	BS	2	0	2	0	3
5	U18CSI2201	Python Programming	Embedded - Theory & Lab	ES	2	0	2	0	3
6	U18INI2600	Engineering Clinic II	Practical & Project	ES	0	0	4	2	3
Total Credits									20

B.E (ELECTRONICS AND COMMUNICATION ENGINEERING)

REGULATIONS 2018-CURRICULUM & SYLLABUS

I - VIII Semesters

[MINUTES OF BOS MEETING](#)

DEPARTMENT OF ECE

Semester III

S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U18ECT3101	Signals and Systems	Theory	BS	3	1	0	0	4
2	U18ECI3202	Electron Devices and Circuits	Embedded - Theory & Lab	PC	3	0	2	0	4
3	U18ECI3203	Digital System Design	Embedded - Theory & Lab	PC	3	0	2	0	4
4	U18ECT3004	Electro Magnetic Fields	Theory	PC	3	0	0	0	3
5	U18ECT3105	Network theory	Theory	PC	3	1	0	0	4
6	U18INI3600	Engineering Clinic III	Practical & Project	ES	0	0	4	2	3
Total Credits									22

DEPARTMENT OF ECE

Semester I

S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U18ENI1201	Fundamentals of Communication -I	Embedded - Theory & Lab	BS	2	0	2	0	3
2	U18MAI1201	Linear Algebra and Calculus	Embedded - Theory & Lab	HS	3	0	2	0	4
3	U18CHI1201	Engineering Chemistry	Embedded - Theory & Lab	BS	3	0	2	0	4
4	U18EEI1202	Electrical Machines and Drives	Embedded - Theory & Lab	ES	3	0	2	0	4
5	U18CSI1202	Problem Solving and Programming using C	Embedded - Theory & Lab	ES	2	0	2	0	3
6	U18INI1600	Engineering Clinic I	Practical & Project	ES	0	0	4	2	3
Total Credits									21

DEPARTMENT OF ECE

Semester IV

S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U18ECI4201	Digital Signal Processing	Embedded - Theory & Lab	PC	3	0	2	0	4
2	U18ECI4202	Analog Electronics and Integrated Circuits	Embedded - Theory & Lab	PC	3	0	2	0	4
3	U18MAT4103	Probability and Random Processes	Theory	BS	3	1	0	0	4
4	U18ECT4104	Transmission Lines and Waveguides	Theory	PC	3	1	0	0	4
5	U18INI4600	Engineering Clinic IV	Practical & Project	ES	0	0	4	2	3
6	U18.....	Open Elective I	Theory	OE	3	0	0	0	3
Total Credits									22

DEPARTMENT OF ECE										
Semester V										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18ECI5201	Communication Engineering- I	Embedded - Theory & Lab	PC	3	0	2	0	0	4
2	U18ECI5202	Computer Architecture and Microprocessors	Embedded - Theory & Lab	PC	3	0	2	0	0	4
3	U18ECI5203	Communication Networks	Embedded - Theory & Lab	PC	3	0	2	0	0	4
4	U18ECT5004	Control Systems	Theory	PC	3	0	0	0	0	3
5	U18ECT5005	Antennas and wave propagation	Theory	PC	3	0	0	0	0	3
6	U18INI5600	Engineering Clinic V	Practical & Project	ES	0	0	4	2	0	3
Total Credits										21

DEPARTMENT OF ECE										
Semester VIII										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18ESP8701	Project Phase II	Project only Course	PW	0	0	0	24	0	12
Total Credits										12


DEPARTMENT OF ECE										
Semester VI										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18ECI6201	Communication Engineering- II	Embedded - Theory & Lab	PC	3	0	2	0	0	4
2	U18ECI6202	Microcontrollers	Embedded - Theory & Lab	PC	2	0	2	0	0	3
3	U18ECI6203	VLSI and HDL Programming	Embedded - Theory & Lab	PC	3	0	2	0	0	4
4	U18.....	Open Elective II	Theory	OE	3	0	0	0	0	3
5	U18ECE...	Professional Elective I	Theory	PE	3	0	0	0	0	3
6	U18ECE...	Professional Elective II	Theory	PE	3	0	0	0	0	3
Total Credits										20

DEPARTMENT OF ECE										
SYLLABUS										

DEPARTMENT OF ECE										
Semester VII										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18ESP7701	Project Phase I	Project only Course	PW	0	0	0	6	0	3
2	U18ECT7002	Wireless Communication	Theory	PC	3	0	0	0	0	3
3	U18ECI7203	Optical Communication	Embedded - Theory & Lab	PC	3	0	2	0	0	4
4	U18ECI7204	RF and Microwave Engineering	Embedded - Theory & Lab	PC	3	0	2	0	0	4
5	U18ECE...	Professional Elective III	Theory	PE	3	0	0	0	0	3
6	U18ECE...	Professional Elective IV	Theory	PE	3	0	0	0	0	3
7	U18ECE...	Professional Elective V	Theory	PE	3	0	0	0	0	3
Total Credits										23

DEPARTMENT OF ECE										
M.E (COMMUNICATION SYSTEMS)										
REGULATIONS 2018-CURRICULUM & SYLLABUS										
I - IV Semesters										


DEPARTMENT OF ECE



Semester I									
S.No	Course code	Course Title	Course Mode	L	T	P	J	C	
1	P18INT0001	Research Methodology and Statistics	Theory	3	0	0	0	0	3
2	P18COT1001	RF and Microwave Integrated Circuits	Theory	3	0	0	0	0	3
3	P18COI1202	Advanced Signal Processing	Embedded	3	0	2	0	0	4
4	P18COI1203	Advanced Digital Communication Techniques	Embedded	3	0	2	0	0	4
5	P18MAT0101	Applied Mathematics	Theory	3	1	0	0	0	4
Total Credits									18

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DEPARTMENT OF ECE



[SYLLABUS](#)

15

DEPARTMENT OF ECE




Semester II									
S.No	Course code	Course Title	Course Mode	L	T	P	J	C	
1	P18COT0004	High Performance Networks	Theory	3	0	0	0	0	3
2	P18COT2001	Wireless Sensor Networks	Theory	3	0	0	0	0	3
3	P18COI2202	Advanced Radiation Systems	Embedded	3	0	2	0	0	4
4	P18COI2203	Wireless Communication Systems	Embedded	3	0	2	0	0	4
5	P18COE_	Professional Elective I	Theory	3	0	0	0	0	3
Total Credits									17

14



DEPARTMENT OF ECE



Semester III									
S.No	Course code	Course Title	Course Mode	L	T	P	J	C	
1	P18COE_	Professional Elective II	Theory	3	0	0	0	0	3
2		Audit Course							
3	P18COP3701	Project Phase I / Industry Project	Project	0	0	0	24	12	
Total Credits									15
Semester IV									
S.No	Course code	Course Title	Course Mode	L	T	P	J	C	
1	P18COP4701	Project Phase II/ Industry Project	Project	0	0	0	36	18	
Total Credits									18

15

Kumaraguru College of Technology
Coimbatore - 641 049
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ACADEMIC COUNCIL MEETING

DEPARTMENT OF FASHION TECHNOLOGY



DATE: 11th Jan 2021

18

KUMARAGURU	
B.TECH (FASHION TECHNOLOGY)	
REGULATIONS 2018-CURRICULUM & SYLLABUS	
I - VIII Semesters	
MINUTES OF BOS MEETING	

KUMARAGURU										
DEPARTMENT OF FT										
Semester III										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18EEI3206	Basic Electrical and Electronics Engineering	Embedded - Theory & Lab	ES	3	0	2	0	0	4
2	U18FTT3001	Yarn Technology	Theory	PC	3	0	0	0	0	3
3	U18FTI3202	Concepts of Fashion and Design	Embedded - Theory & Lab	PC	3	0	2	0	0	4
4	U18FTT3003	Pattern making and Adaptation	Theory	PC	3	0	0	0	0	3
5	U18FTI3204	Garment Components Fabrication	Embedded - Theory & Lab	PC	3	0	2	0	0	4
6	U18INI3600	Engineering Clinic III	Project based course	ES	0	0	4	2	0	3
Total Credits										21

KUMARAGURU										
DEPARTMENT OF FT										
Semester I										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18MAI1201	Linear Algebra and Calculus	Embedded - Theory & Lab	BS	3	0	2	0	0	4
2	U18ENI1201	Fundamentals of Communication -I	Embedded - Theory & Lab	HS	2	0	2	0	0	3
3	U18PHI1202	Engineering Physics	Embedded - Theory & Lab	BS	3	0	2	0	0	4
4	U18CSI1202	Problem Solving and Programming using C	Theory & Lab	ES	2	0	2	0	0	3
5	U18FTT1001	Fibre Science	Theory	PC	3	0	0	0	0	3
6	U18FTP1502	Fibre Analytical Laboratory	Lab	PC	0	0	2	0	0	1
7	U18INI1600	Engineering Clinic I	Project based course	ES	0	0	4	2	0	3
Total Credits										21

KUMARAGURU										
DEPARTMENT OF FT										
Semester IV										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18MAT4102	Numerical Methods	Theory and Tutorial	BS	3	1	0	0	0	4
2	U18MET4007	Basics of Mechanical Engineering	Theory	ES	3	0	0	0	0	3
3	U18FTT4001	Fabric Formation Technology	Theory	PC	3	0	0	0	0	3
4	U18FTT4002	Apparel Machinery and Equipment	Theory	PC	3	0	0	0	0	3
5	U18FTI4203	Apparel Design and Development	Embedded - Theory & Lab	PC	3	0	2	0	0	4
6	U18FTI4204	Fabric Structure and Design	Embedded - Theory & Lab	PC	3	0	2	0	0	4
7	U18INI4600	Engineering Clinic IV	Project based course	ES	0	0	4	2	0	3
Total Credits										24

KUMARAGURU										
DEPARTMENT OF FT										
Semester II										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18MAI2201	Advanced Calculus and Laplace Transform	Embedded - Theory & Lab	BS	3	0	2	0	0	4
2	U18ENI2201	Fundamentals of Communication-II	Embedded - Theory & Lab	HS	2	0	2	0	0	3
3	U18CHI2201	Engineering Chemistry	Embedded - Theory & Lab	BS	3	0	2	0	0	4
4	U18CSI2201	Python Programming	Theory & Lab	ES	2	0	2	0	0	3
5	U18MEI2201	Engineering Graphics	Embedded - Theory & Lab	ES	2	0	2	0	0	3
6	U18MEP2501	Engineering Practices laboratory	Lab	ES	0	0	2	0	0	1
7	U18INI2600	Engineering Clinic II	Project based course	ES	0	0	4	2	0	3
Total Credits										21

KUMARAGURU										
DEPARTMENT OF FT										
Semester V										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18MAT5102	Probability and Statistics	Theory and Tutorial	BS	3	1	0	0	0	4
2	U18FTI5201	Textile Chemical Processing	Embedded - Theory & Lab	PC	3	0	2	0	0	4
3	U18FTI5202	Textile and Apparel Quality Evaluation	Embedded - Theory & Lab	PC	3	0	2	0	0	4
4	U18FTT5003	Knitting Technology	Theory	PC	3	0	0	0	0	3
5	U18OE...	Open Elective I	Theory	OE	3	0	0	0	0	3
6	U18FTP5504	Apparel Production Lab	Lab	PC	0	0	2	0	0	1
7	U18FTP5505	Industrial Training *	Industry	PC	0	0	2	0	0	1
8	U18INI5600	Engineering Clinic V	Project based course	ES	0	0	4	2	0	3
Total Credits										23

DEPARTMENT OF FT										
Semester VI										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18FTT6001	Apparel Production Planning and Control	Theory	PC	3	0	0	0	0	3
2	U18FTT6002	Apparel Merchandising and Cost Management	Theory	PC	3	0	0	0	0	3
3	U18FTT6003	Industrial Engineering in Apparel Industry	Theory	PC	3	0	0	0	0	3
4	U18FTE....	Programme Elective I	Theory	PE	3	0	0	0	0	3
5	U18OE....	Open Elective II	Theory	OE	3	0	0	0	0	3
6	U18FTE...	Programme Elective II	Theory	PE	3	0	0	0	0	3
7	U18FTP6504	Apparel CAD lab	Lab	PC	0	0	2	0	0	1
8	U18FTP6505	Portfolio Presentation I	Lab	PC	0	0	2	0	0	1
Total Credits										20

List of Mandatory courses					
S.No	Course code	Course Title	Course Mode	CT	Sem
1	U18VEP1501	Human Excellence -Personal Values	Lab	HS	1
2	U18VEP2502	Human Excellence-Inter Personal values	Lab	HS	2
3	U18VEP3503	Human Excellence-Family Values	Lab	HS	3
4	U18CHT3000	Environmental Science and Engineering	Theory	MC	3
5	U18VEP4504	Human Excellence-Professional Values	Lab	HS	4
6	U18IST4000	Constitution of India	Theory	MC	4
7	U18VEP5505	Human Excellence-Social Values	Lab	HS	5
8	U18VEP6506	Human Excellence-National Values	Lab	HS	6
9	U18VEP7507	Human Excellence-Global Values	Lab	HS	7

DEPARTMENT OF FT										
Semester VII										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18FTT7001	Apparel Brand Management	Theory	PC	3	0	0	0	0	3
2	U18FTT7002	Apparel Retail Management	Theory	PC	3	0	0	0	0	3
3	U18FTE....	Programme Elective III	Theory	PE	3	0	0	0	0	3
4	U18FTE....	Programme Elective IV	Theory	PE	3	0	0	0	0	3
5	U18FTP7503	Portfolio Presentation II	Lab	PC	0	0	2	0	0	1
6	U18FTP7701	Project -Phase I	Project only Course	PW	0	0	0	6	3	
Total Credits										16

DEPARTMENT OF FT										
Programme Electives (Fashion designing)										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18FTE0001	Apparel Product Development	Theory	PE	3	0	0	0	0	3
2	U18FTE0002	Surface Ornamentation	Theory	PE	3	0	0	0	0	3
3	U18FTE0003	Visual Merchandising	Theory	PE	3	0	0	0	0	3
4	U18FTE0004	Fashion Boutique Management	Theory	PE	3	0	0	0	0	3
5	U18FTE0005	Traditional Indian Textiles and Crafts	Theory	PE	3	0	0	0	0	3
6	U18FTE0006	Intimate Apparels	Theory	PE	3	0	0	0	0	3

DEPARTMENT OF FT										
Semester VIII										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18FTP8701	Project-Phase II	Project only Course	PW	0	0	0	24	12	
Total Credits										12

DEPARTMENT OF FT										
Programme Electives (Apparel Technology)										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18FTE0007	Clothing science for Apparel Engineering	Theory	PE	3	0	0	0	0	3
2	U18FTE0008	Apparel Finishing and Care	Theory	PE	3	0	0	0	0	3
3	U18FTE0009	Functional Clothing	Theory	PE	3	0	0	0	0	3
4	U18FTE0010	ERP and MIS in Apparel Industry	Theory	PE	3	0	0	0	0	3
5	U18FTE0011	Home Furnishings	Theory	PE	3	0	0	0	0	3
6	U18FTE0012	Garment Trims and Accessories	Theory	PE	3	0	0	0	0	3

DEPARTMENT OF FT									
Programme Electives (Apparel Management)									
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U18FTE0013	Fashion Marketing	Theory	PE	3	0	0	0	3
2	U18FTE0014	Social Compliance in Apparel industry	Theory	PE	3	0	0	0	3
3	U18FTE0015	Global Marketing and Sourcing Strategies	Theory	PE	3	0	0	0	3
4	U18FTE0016	Logistics and Supply chain Management	Theory	PE	3	0	0	0	3
5	U18FTE0017	Apparel Export Management	Theory	PE	3	0	0	0	3
6	U18FTE0018	Entrepreneurship Development	Theory	PE	3	0	0	0	3

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DEPARTMENT OF FT (B.Tech Fashion Technology)									
SYLLABUS									

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List of one credit courses		
S.No	Course code	Course Title
1	U18FTC0001	Computer Aided Textile and Apparel Designing
2	U18FTC0002	Draping Techniques
3	U18FTC0003	Sewing Machinery Dynamics
4	U18FTC0004	Developments in Sewing Machinery
5	U18FTC0005	New Trends in Printing
6	U18FTC0006	Application of Six Sigma in Apparel Manufacture
7	U18FTC0007	Waste Elimination and Value Stream Mapping In Apparel Industry
8	U18FTC0008	Certification Procedures for Product And Process in Apparel Industry
9	U18FTC0009	Statistical Analysis in the Apparel Industry

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M.TECH (APPAREL TECHNOLOGY)									
REGULATIONS 2018-CURRICULUM & SYLLABUS									
I - IV Semesters									
MINUTES OF BOS MEETING									

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DEPARTMENT OF FT									
List of open electives									
S.No	Course code	Course Title							
1	U18FTO5001	Fashion Photography							
2	U18FTO5202	Textile Arts and Crafts							
3	U18FTO6003	Home Furnishing and Decoration for Beginners							
4	U18FTO6204	Creative Art and Crafts							

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DEPARTMENT OF FT									
Semester I									
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	P18ATT1001	Automation in Apparel Manufacture	Theory	PC	3	0	0	0	3
2	P18ATT1002	Sustainable Apparel Manufacture	Theory	PC	3	0	0	0	3
3	P18ATI1003	Science of Clothing Comfort	Embedded	PC	3	0	2	0	4
4	P18ATI1004	Forecasting and Product Development	Embedded	PC	3	0	2	0	4
5	P18INT0001	Research Methodology and Statistics	Theory	PC	3	0	0	0	3
Total Credits									17

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DEPARTMENT OF FT										
Semester II										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	P18ATT2001	Engineering of Functional Clothing	Theory	PC	3	0	0	0	0	3
2	P18ATT2002	Advanced Knitwear Technology	Theory	PC	3	0	0	0	0	3
3	P18ATI2003	Technology of Apparel Finishing	Embedded	PC	3	0	2	0	0	4
4	P18ATI2004	Apparel Enterprise Resource Management	Embedded	PC	3	0	2	0	0	4
5	P18ATI2005	New Product Development and Assessment	Theory	PC	3	0	0	2	0	4
Total Credits										18

List of Program Electives										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	P18ATE1001	Textile Composites	Theory	3	0	0	0	0	0	3
2	P18ATE1002	Computer Integrated Apparel Manufacture	Theory	3	0	0	0	0	0	3
3	P18ATE1003	Nano Textiles	Theory	3	0	0	0	0	0	3
4	P18ATE1004	Protective Clothing	Theory	3	0	0	0	0	0	3
5	P18ATE1005	Sports and Medical Apparels	Theory	3	0	0	0	0	0	3
6	P18ATE1006	Engineering of Apparels	Theory	3	0	0	0	0	0	3
7	P18ATE1007	Lean Manufacture & Logistics Management	Theory	3	0	0	0	0	0	3
8	P18ATE1008	Fashion Entrepreneurship Management	Theory	3	0	0	0	0	0	3
9	P18ATE1009	Energy Management in Apparel Industry	Theory	3	0	0	0	0	0	3
10	P18ATE1010	Compliance Standards in Apparel Industry	Theory	3	0	0	0	0	0	3

DEPARTMENT OF FT										
Semester III										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	P18ATE001	Program Elective I	Theory	PE	3	0	0	0	0	3
2	P18ATE001	Program Elective II	Theory	PE	3	0	0	0	0	3
3	P18ATP3001	Internship / Project Phase I	Project	PW	0	0	0	18	10	10
Total Credits										16

DEPARTMENT OF FT (M.Tech Apparel Technology)										
SYLLABUS										

DEPARTMENT OF FT										
Semester IV										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	P18ATP4001	Internship / Project Phase II	Project	PW	0	0	0	30	20	20
Total Credits										20



Kumaraguru College of Technology
Coimbatore - 641 049
(An Autonomous Institution affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING



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B.E. Civil Engineering – Semester I

Semester I										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18EN1201	Fundamentals of Communication-I	Embedded - Theory & Lab	HS	2	0	2	0	3	
2	U18CS1202	Problem Solving and Programming using C	Embedded - Theory & Lab	ES	2	0	2	0	3	
3	U18ME1201	Engineering Graphics	Embedded - Theory & Lab	ES	2	0	2	0	3	
4	U18MA1201	Linear Algebra and Calculus	Embedded - Theory & Lab	BS	3	0	2	0	4	
5	U18CH1201	Engineering Chemistry	Embedded - Theory & Lab	BS	3	0	2	0	4	
6	U18IN1600	Engineering Clinics- I	Practical & Project	ES	0	0	4	2	3	
									Total Credits	20
									Total Contact Hours/week	28

[LINK](#)

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BoS Members

Sl.No	Member	Designation
1.	Dr. R. Sathyanarayan Sridhar Professor, Department of Civil Engineering, Coimbatore Institute of Technology Coimbatore – 641 014	Anna University Nominee
2.	Dr. S. Shanthakumar Professor & Dean School of Civil Engineering, Vellore Institute of Technology, Vellore	Subject Expert
3.	Er. Muthukumar Dorairaj Chief Engineering Manager, EDRC- Heavy Civil Infrastructure IC, L&T Construction, Chennai -25	Expert from Corporate
4.	Er. Dinesh N Senior Structural Engineer, TRC ENGINEERING Pvt Ltd, Bangalore	Alumni
5.	Er. V. Sriraman Director – Academics, Onesource, Bangalore	Special Invitee
6.	Er. K. K. Prasanna General Manager & Head, Design Initiatives and B&F Fast, L&T Construction, Chennai -25	Special Invitee

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B.E. Civil Engineering – Semester II

Semester II										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18EN1201	Fundamentals of Communication - II	Embedded - Theory & Lab	HS	2	0	2	0	3	
2	U18CS1201	Python Programming	Embedded - Theory & Lab	ES	2	0	2	0	3	
3	U18PHI2201	Engineering Physics	Embedded - Theory & Lab	BS	3	0	2	0	4	
4	U18MAI2201	Advanced Calculus and Laplace Transforms	Embedded - Theory & Lab	BS	3	0	2	0	4	
5	U18MET2003	Engineering Mechanics	Theory	ES	3	0	0	0	3	
6	U18IN12600	Engineering Clinics -II	Practical & Project	ES	0	0	4	2	3	
									Total Credits	20
									Total Contact Hours/week	27

[LINK](#)

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Minutes of BoS Meeting held on 05.06.2021

- MOOC Course are to be offered as open elective courses.
- Value Added Course with industry experts
 - a) Green Building Concepts.
 - b) Real Estate Practices.
 - c) Sustainable management.
 - d) Lean Construction Design and Practice.
 - e) Tunnel Engineering.
 - f) Supply Chain Management.
 - g) Fabrication Details Drawing.

[LINK](#)

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B.E. Civil Engineering – Semester III

Semester III										
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	U18MAT3101	Partial Differential Equations and Transforms	Theory	BS	3	1	0	0	4	
2	U18CEI3201	Solid Mechanics	Embedded - Theory & Lab	ES	2	1	2	0	4	
3	U18CEI3202	Engineering Survey	Embedded - Theory & Lab	PC	3	0	2	0	4	
4	U18CEI3203	Building Materials and Construction	Embedded - Theory & Lab	PC	3	0	2	0	4	
5	U18CET3104	Fluid Mechanics	Theory	ES	3	0	0	0	3	
6	U18CER3505	Building Planning and Drawing	Lab	BS	0	0	2	0	1	
7	U18IN13600	Engineering Clinics III	Practical & Project	ES	0	0	4	2	3	
									Total Credits	23
									Total Contact Hours/week	30

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B.E. Civil Engineering – Semester IV

Semester IV									
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U18MAT4101	Numerical Methods and Probability	Theory	BS	3	1	0	0	4
2	U18CEI4201	Applied Hydraulics and Hydraulic Machinery	Embedded - Theory & Lab	PC	3	0	2	0	4
3	U18CEI4202	Highway and Traffic Engineering	Embedded - Theory & Lab	PC	3	0	2	0	4
4	U18CEI4203	Remote Sensing and Geographic Information Systems	Embedded - Theory & Lab	PC	2	0	2	0	3
5	U18CET4004	Strength of Materials	Theory	PC	3	0	0	0	3
6	U18INI4600	Engineering Clinics -IV	Practical & Project	ES	0	0	4	2	3
Total Credits									21
Total Contact Hours/week									27

[LINK](#)

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B.E. Civil Engineering – Semester VII

Semester VII									
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U18CET7001	Estimation Costing & Valuation	Theory	PC	3	0	0	0	3
2	U18CET7002	Irrigation and Water Resource Management	Theory	PC	3	0	0	0	3
3	U18CEE_____	Professional Elective-II	Theory	PE	3	0	0	0	3
4	U18CEE_____	Professional Elective-III	Theory	PE	3	0	0	0	3
5	U18CEE_____	Professional Elective-IV	Theory	HS	3	0	0	0	3
6	U18CEP7703	Project Phase-I	Project	P W	0	0	0	6	3
Total Credits									18
Total Contact Hours/week									21

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B.E. Civil Engineering – Semester V

Semester V									
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1.	U18MBT5000	Total Quality Management	Theory	HS	3	0	0	0	3
2	U18CEI5201	Environmental Engineering	Embedded - Theory & Lab	PC	3	0	2	0	4
3	U18CEI5202	Soil Mechanics	Embedded - Theory & Lab	PC	3	0	2	0	4
4	U18CET5103	Structural Analysis	Theory	PC	3	1	0	0	4
5	U18_____	Open Elective I	Theory	OE	3	0	0	0	3
6	U18INI5600	Engineering Clinics -V	Practical & Project	ES	0	0	4	2	3
7	U18CEP5604	Survey Camp*	Project	PC	0	0	0	0	1
Total Credits									22
Total Contact Hours/week									25

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B.E. Civil Engineering – Semester VIII

Semester VIII									
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U18CEP8701	Project Phase-II	Project	P W	0	0	0	2 4	12
Total Credits									12
Total Contact Hours/week									24

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B.E. Civil Engineering – Semester VI

Semester VI									
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	U18CEI6201	Design of Masonry and Reinforced Concrete Elements	Embedded - Theory & Lab	PC	3	0	2	0	4
2	U18CEI6202	Construction Project Management	Embedded - Theory & Lab	PC	3	0	2	0	4
3	U18CET6003	Foundation Engineering	Theory	PC	3	0	0	0	3
4	U18CET6004	Design of Steel Structures	Theory	PC	3	0	0	0	3
5	U18CEE_____	Professional Elective-I	Theory	PE	3	0	0	0	3
6	U18_____	Open Elective II	Theory	OE	3	0	0	0	3
7	U18CEP6705	Implant Training*	Project	PC	0	0	0	0	1
Total Credits									21
Total Contact Hours/week									22

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*2 weeks in-plant training during the previous winter vacation.

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M.E. Structural Engineering – Semester I

Semester I									
S.No	Course code	Course Title	Course Mode	L	T	P	J	C	
1	P18MAI1201	Applied Numerical Methods for Structural Engineering	Embedded	3	0	2	0	4	
2	P18SET1001	Advanced Solid Mechanics	Theory	3	0	0	0	3	
3	P18SEI1202	Design of Advanced Concrete Structures	Embedded	3	0	2	0	4	
4	P18SEI1203	Advanced Concrete Technology	Embedded	3	0	2	0	4	
5	P18_____	Professional Elective I	Theory	3	0	0	0	3	
Total Credits									18
Total Contact Hours/week									21

[LINK](#)

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M.E. Structural Engineering – Semester II

Semester II									
S.No	Course code	Course Title	Course Mode	L	T	P	J	C	
1	P18SET2001	Finite Element Method	Theory	3	0	0	0	3	
2	P18SEI2202	Structural Dynamics	Embedded	3	0	2	0	4	
3	P18SET2003	Advanced Design of Steel Structures	Theory	3	0	0	0	3	
4	P18	Professional Elective II	Theory	3	0	0	0	3	
5	P18SEP2504	Design Studio	Laboratory	0	0	4	0	2	
								Total Credits	15
								Total Contact Hours/week	18

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M.E. Environmental Engineering – Semester II

SEMESTER-II									
Course Code	Course Title	Course Mode	L	T	P	J	C		
P18EEI2201	Air & Noise pollution Control	Embedded	3	0	2	0	4		
P18EET2002	Water Quality Modelling	Theory	3	0	0	0	3		
P18EEP2003	Air and Water Quality Modelling Laboratory	Practical	0	0	2	0	1		
P18EEE	Program Elective – I	Theory	3	0	0	0	3		
P18EEA	Audit course	Theory	3	0	0	0	0		
								Total Credits	11
								Total Hours per week	16

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M.E. Structural Engineering – Semester III & IV

Semester III									
S.No	Course code	Course Title	Course Mode	L	T	P	J	C	
1	P18	Professional Elective III	Theory	3	0	0	0	3	
2	P18	Professional Elective IV	Theory	3	0	0	0	3	
3	P18SEP3701	In-plant Training*	Project	0	0	0	0	1	
4	P18SEP3702	Project Phase I / Industry Project	Project	0	0	0	24	12	
* At the end of second semester for 2 weeks									
								Total Credits	19
								Total Contact Hours/week	30

Semester IV									
S.No	Course code	Course Title	Course Mode	L	T	P	J	C	
1	P18SEP4701	Project Phase II / Industry Project	Project	0	0	0	36	18	
								Total Credits	18
								Total Contact Hours/week	36

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M.E. Environmental Engineering – Semester III & IV

SEMESTER-III									
Course Code	Course Title	Course Mode	L	T	P	J	C		
P18EET3001	Environmental Impact Assessment	Theory	3	0	0	0	3		
P18EEE	Program Elective II	Theory	3	0	0	0	3		
P18EEP3701*	Industrial/Research Internship	Project	0	0	0	0	2		
P18EEP3702	Project Phase I / Industry Project	Project	0	0	0	24	12		
								Total Credits	20
								Total Hours per week	30

*Internship for a period of two weeks at the end of second semester

SEMESTER-IV									
Course Code	Course Title	Course Mode	L	T	P	J	C		
P18EEP4701	Project Phase II	Project	0	0	0	36	18		
								Total Credits	18
								Total Hours per week	36
								Grand Total Credits: 66	

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M.E. Environmental Engineering – Semester I

Semester I									
Course Code	Course Title	Course Mode	L	T	P	J	C		
P18MAT0001	Statistical Methods For Environmental Engineers	Theory	3	0	0	0	3		
P18EEI1201	Environmental Chemistry & Microbiology	Embedded	3	0	2	0	4		
P18EET1002	Physio-chemical process for water and wastewater treatment	Theory	3	0	0	0	3		
P18EET1003	Biological treatment of wastewater	Theory	3	0	0	0	3		
P18EET1004	Solid and Hazardous Waste Management	Theory	3	0	0	0	3		
P18EEP1005	Environmental Processing Laboratory	Practical	0	0	2	0	1		
								Total Credits	17
								Total Hours per week	19

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M.E. Construction Management – Semester I

S. No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	P18MAT1001	Statistical Methods for Management	Theory	BS	3	0	0	0	3
2	P18CMT1001	Project Management in Construction	Theory	PC	3	0	0	0	3
3	P18CMT1002	Construction Economics and Finance	Theory	PC	3	0	0	0	3
4	P18CMT1003	Resource Planning and Management	Theory	PC	3	0	0	0	3
5	P18CMT1004	Construction Equipment and Methods	Theory	PC	3	0	0	0	3
6	P18CMP1505	Construction Engineering Laboratory	Lab	PC	0	0	2	0	1
								Total Credits	16
								Total Contact Hours/week	17

LINK

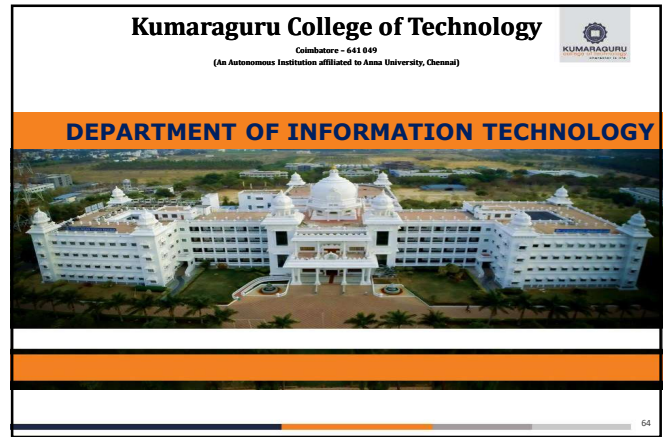
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M.E. Construction Management – Semester II

S. No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	P18CMT2001	Building Information Management	Theory	PC	3	0	0	0	3
2	P18CMT2302	Project Formulation and Appraisal	Embedded	PC	2	0	0	2	3
3	P18CMT2003	Construction Contracts and Legal disputation	Theory	PC	3	0	0	0	3
4	P18CME	Elective 1	Theory	PE	3	0	0	0	3
5	P18CME	Elective 2	Theory	PE	3	0	0	0	3
6	P18CMP2504	Managerial Skills Workshop	Lab	PC	0	0	2	0	1
7	P18CMP2505	Construction Management Lab	Lab	PC	0	0	2	0	1
8.	P18___	Audit Course	Theory	HS	3	0	0	0	0
Total Credits									17
Total Contact Hours/week									23

[LINK](#)



Curriculum and Syllabus Approved in BoS

M.E. Construction Management – Semester III & IV

Semester III									
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	P18CMT3001	Construction Quality and Safety Management	Theory	PC	3	0	0	0	3
2	P18CME	Elective 3	Theory	PC	3	0	0	0	3
3	P18CMP3702	In-Plant Training *	Project	PW	0	0	0	0	1
4	P18CMP3703	Project Phase-I	Project	PW	0	0	0	2	12
Total Credits									19
Total Contact Hours/week									30

*2 weeks duration in the second semester vacation.

Semester IV									
S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1.	P18CMP 4701	Project Phase-II	Project	PW	0	0	0	36	18
Total Credits									18
Total Contact Hours/week									36
Total Credits									70


[LINK](#)

BoS Members

Name	Designation
Principal	Dr.D.Saravanan
Chairperson	Dr. M.Alamelu, ASP & HOD
Anna University Nominee	Dr. N.K.Karthikeyan, Professor & HoD, Department of Information Technology, Coimbatore Institute of Technology, Coimbatore
Academic Expert	Dr.P. Bhagavathi Sivakumar, Associate Professor Vice Chairperson – Computer Science, School of Engineering, Amrita University, Coimbatore
	Dr.T. S. Pradeep Kumar, Associate Professor School of Computer Science and Engineering,VIT, Chennai
	Dr.C.Mala, Professor, Department of Computer Science and Engineering,National Institute of Technology,Tiruchirappalli
	Dr. Sivaselvan B, Associate Professor, Department of Computer Science and Engineering, Indian Institute of Information Technology, Design and Manufacturing, Kanchipuram




Name	Designation
Industry Expert	Mr. Vidhya Prakash Sivashanmugam, Systems Development Manager, Amazon, Hyderabad
	Mr.Prakash Subramaniam, Principal Consultant, Thought Works, Coimbatore
Alumni	Mr. K. Dhandapani, Senior Associate,Robert Bosch, Coimbatore
Special Invitee	Mr.S.Sasi Kesavan, Software Development Engineer, Amazon,USA
	Dr.L.Latha, Professor/CSE, KCT
Student Representatives	Ms.Priyadharshini & Ms.Harini, IV year B.Tech-IT

Minutes of BoS Meeting held on 05.06.2021 

[UG B.TECH IT BOS Minutes](#)
[M.TECH DATA SCIENCE BOS Minutes](#)

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Curriculum and Syllabus Approved in BoS 

[UG Curriculum B.TECH IT](#)
[PG Curriculum M.TECH Data Science](#)

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17th Academic Council Meeting Minutes



Office of the Coordinator Autonomous

April 15, 2019

Minutes of the 17th Meeting of Academic Council of the Autonomous Body

The 17th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on **April 15, 2019 from 11.00 a.m. to 04.00 p.m.** in the LC Room at Dr.Mahalingam Vigyan Bhavan, KCT, Campus.

The following members were present for the meeting.

- | | |
|--------------------------------|--|
| 1. Dr. J. Senthil | Chairman-Academic Council / Principal |
| 2. Dr. K. Sundararaj | Prof & HOD / AERO |
| 3. Dr. S. John Alexis | Prof & HOD / AUTO |
| 4. Dr. N. Saraswathy | Prof & HOD / BT |
| 5. Dr. N. Ramsundaram | Prof & HOD(i/c) / Civil |
| 6. Dr. J. Cynthia | Prof & HOD / CSE |
| 7. Dr. K. Malarvizhi | Prof. & HOD / EEE |
| 8. Dr.S.A.Pasupathy | Prof. & HOD / ECE |
| 9. Dr.M.Ezhilarasi | Prof. & HOD / EIE |
| 10. Dr. G.Ramakrishnan | Prof & HOD(i/c) / FT |
| 11. Dr. V. Vanitha | Prof & HOD / IT |
| 12. Dr. C. Velmurugan | Prof. & HOD / ME |
| 13. Dr. R.Venkatesan | Prof. & HOD / MCE |
| 14. Dr. V. Nedunchezian | Prof & HOD(i/c) / MBA |
| 15. Dr. M. Manikantan | HOD(i/c) / MCA |
| 16. Dr.J.Srinivasan | Prof. & HOD / TXT |
| 17. Dr.P.Devaki | Prof. & HOD/ S&H |
| 18. Dr.R.Manivel | Prof. Mech. (Prof..i/c. R&D) |
| 19. Dr. C. S. Senthil Kumar | Head – Autonomous / Asso. Prof. / FT |
| 20. Dr.J.Vijay Prakash | Deputy Controller of Examinations |
| 21. Dr. E. A. Vimal | Deputy Controller of Examinations |
| 22. Dr.Vinohar Stephen Rapheal | Head, Academic Innovations, DoA (Member Secretary) |

Members Nominated by Anna University:

23. Dr. M. A. Bhagyaveni Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai.
24. Dr. M . Muttharam Professor, Department of Civil Engineering, CEG Campus, Anna University, Chennai.

01. Welcome Address

Dr.J. Senthil, Principal, KCT and Chairman – Academic council, welcomed the members to the 17th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members

The following were presented by Dr. C. S. Senthil Kumar, Head Autonomous and were approved by the academic council - **Refer Annexure I**

- Minutes of the 16th Academic Council meeting held on 11.04.2018.
- Minutes of the 20th Standing Committee meeting held on 12.04.2019.
- Newly inducted members to the Academic Council.

03. Regulation and Amendments:

- Dr. Vinohar Stephen Rapheal, Head, Innovation and Planning, DoA presented the Amendments' made in R-2015, R-2017 and R-2018 of UG & PG programmes were presented to the members and were approved - **Refer Annexure II**

04. Approval of Curriculum & Syllabus for Regulation 2017 UG (B.E/B.Tech) for semester 5 to 8

The Heads of the departments presented the curriculum and syllabus for UG (BE / B.Tech) and detailed syllabi for semester 5 to semester 8 of Regulation-2017 for 13 U.G programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering	Semester 5 To Semester 8	The academic council granted approval for the curriculum and syllabus for UG (BE / B.Tech) and detailed syllabi for semester 5 to semester 8 of Regulation-2017 for 13 U.G programmes: -Refer Annexure-III
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		
5	Computer Science & Engineering		
6	Electrical & Electronics Engineering		
7	Electronics & Communication Engineering		
8	Electronics & Instrumentation Engineering		
9	Fashion Technology		
10	Information Technology		
11	Mechanical Engineering		
12	Mechatronics Engineering		
13	Textile Technology		

05. Approval of Curriculum & Syllabus for Regulation 2018 UG (BE/BTech) for semester 3 to 6

The Heads of the departments presented the curriculum and syllabus for UG (B.E / B.Tech) and detailed syllabi for semester 3 to semester 6 of Regulation-2018 for 14 U.G programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering	Semester 3 To Semester 6	The academic council granted approval for the curriculum and syllabus for UG (BE / B.Tech) and detailed syllabi for semester 3 to semester 6 of Regulation-2018 for 14 U.G programmes -Refer Annexure-IV
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		
5	Computer Science & Engineering		
6	Information Science and Engineering		
7	Electrical & Electronics Engineering		
8	Electronics & Communication Engineering		
9	Electronics & Instrumentation Engineering		
10	Fashion Technology		
11	Information Technology		
12	Mechanical Engineering		
13	Mechatronics Engineering		
14	Textile Technology		

06. Approval of MCA- Regulations 2018

The HoD of MCA presented the Curriculum and detailed syllabi for semester 3 to semester 6 of Regulation 2018

Sl.No.	Programme	Approval
1.	MCA	The academic council granted approval for detailed syllabi of semester 3 to semester 6 of Regulation 2018 -Refer Annexure-V

07. Approval of Amendments made in Regulation-2017 of MBA, Curriculum & Syllabi of R-2017 for semesters 1 to 4

The Director MBA presented the Amendments' made in Regulation-2017, curriculum and syllabus for MBA – R17 (semester 1 to semester 4):

Sl.No.	Programme	Approval
1.	MBA	The academic council granted approval for the Amendments made in Regulation-2017, curriculum and syllabus (semester 1 to semester 4) for MBA programme of R17-refer Annexure-VI

08. Approval of Amendments made in Curriculum & Syllabus for Regulation 2018 PG (M.E/M.Tech) for semester 1 to 4

The Heads of the departments presented the Amendments made in curriculum and syllabus for PG (M.E / M.Tech) – curriculum and syllabi for sem 1 to sem 4 of Regulation-2018 for 13 PG programmes:

Sl.No.	Programme	Semesters	Approval
1	Structural Engineering	Semester 1 and Semester 4	The academic council granted approval for the Amendments made in curriculum and syllabus for PG (ME / M.Tech) sem 1 to sem 4 of Regulation-2018 for 13 PG programmes -refer Annexure-VII
2	Environmental Engineering		
3	Industrial Engineering		
4	CAD / CAM		
5	Computer Science and Engineering		
6	Power Electronics and Drives		
7	Embedded Systems and Technologies		
8	Communication Systems		
9	Applied Electronics		
10	Apparel Technology		
11	Data Sciences		
12	Bio Technology		
13	Technology Management		

09. Any other matter with the permission of the Chair:-

NIL

10.Suggestion by the external members of the Academic Council:-



List attached

11.Vote of Thanks

Dr. C. Senthil Kumar, Head –Autonomous proposed vote of thanks.

Approved by

Signature

Dr. J. Senthil	Chairman - Academic Council / Principal	
Nominee of Anna University		
Dr. M. A. Bhagyaveni	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai- 600 025	

Dr. M . Muttharam	Professor Department of Civil Engineering, CEG Campus Anna University, Chennai- 600 025	<i>M. Muttharam</i> 15/4/19
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The meeting came to an end at 4.15 PM.

J. Senthil

Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information

**Dr. J. SENTHIL, Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.**





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10. Suggestions by Anna University nominees and Experts of KCT Academic Council:-

1. AICTE policies for Internship to be modified suitably as per college requirement
2. Number of electives offered in M.E. / M.Tech. Programmes may be increased

J. Senthil

Principal / Chairman Academic Council



Dr. J. SENTHIL, Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.

Office of the Coordinator Autonomous

ACADEMIC COUNCIL


April 15th 2019

17th Meeting held on April 15th 2019 at 11.00 a.m. at Kumaraguru College of Technology campus.

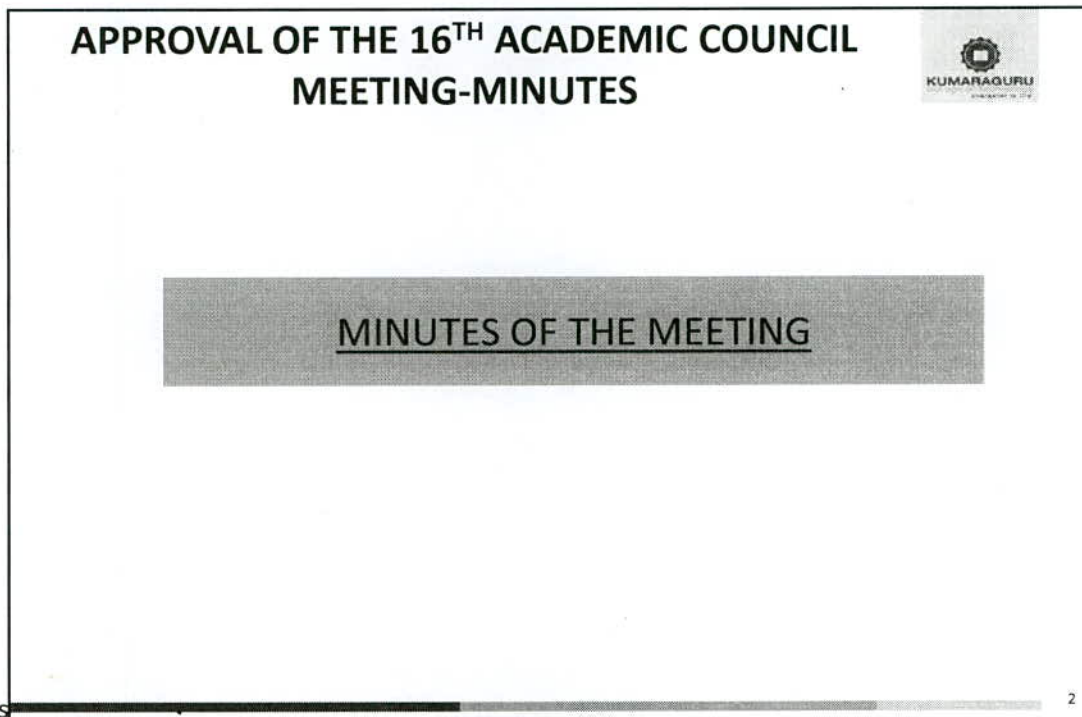
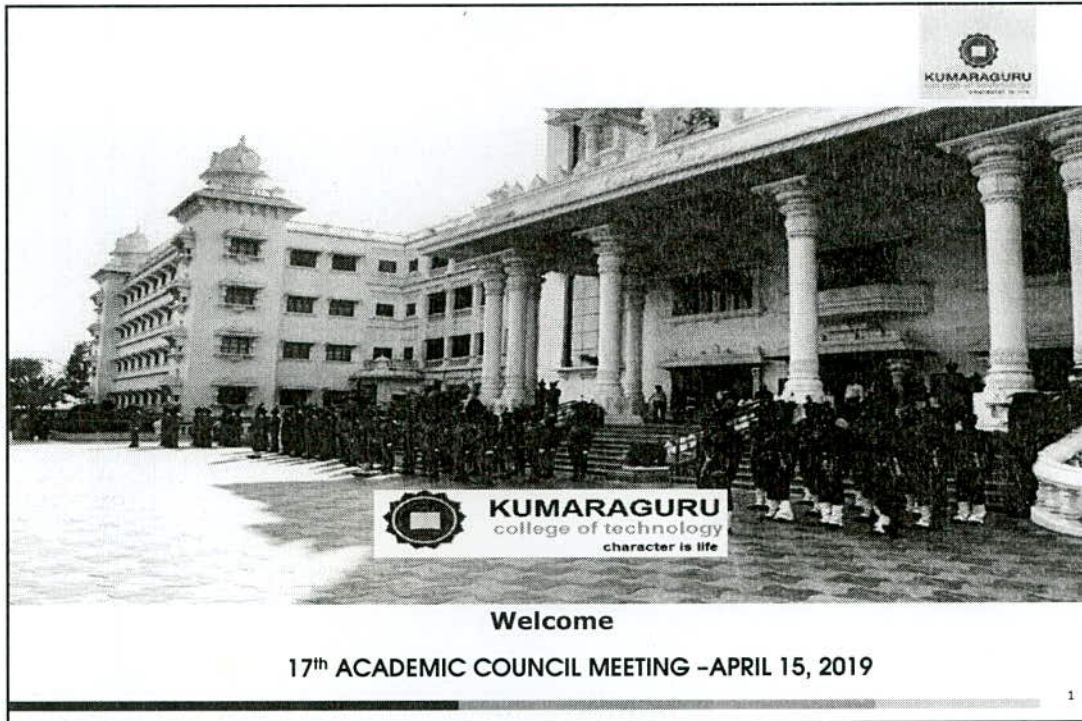
Members

Sl.No.	Name of the Members	Address	Signature
01	Dr. J. Senthil	Chairman, Academic Council & Principal	<i>J. Senthil</i> 15/4/19
02	Dr. K. Sundararaj	Prof & HOD / Aeronautical Engineering	<i>K. Sundararaj</i>
03	Dr. S. John Alexis	Prof & HOD / Automobile Engineering	<i>S. John Alexis</i> 15/4/19
04	Dr. N. Saraswathy	Prof & HOD / Bio-Technology	<i>N. Saraswathy</i> 15/4/19
05	Dr. N. Ramsundram	HOD(i/c) / Civil Engineering	<i>N. Ramsundram</i>
06	Dr. J. Cynthia	HOD(i/c) / Computer Science & Engineering & ISE	<i>J. Cynthia</i>
07	Dr. K. Malarvizhi	Prof & HOD / Electrical & Electronics Engineering	<i>K. Malarvizhi</i> 15/4/19
08	Dr.S.A.Pasupathy	Prof & HOD / Electronics & Communication Engineering	<i>S.A. Pasupathy</i>
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	<i>M. Ezhilarasi</i> 15/4/19
10	Dr. V. R. Nedunchezian	Professor and Head, MBA	<i>V. R. Nedunchezian</i>
11	Dr. M. Manikantan	HOD(i/c) / MCA	<i>M. Manikantan</i>
12	Dr. C. Velmurugan	Prof & HOD / Mechanical Engineering	<i>C. Velmurugan</i> 15/4/2019
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	<i>R. Venkatesan</i>
14	Dr. G. Ramakrishnan	HOD(i/c) / Fashion Technology	<i>G. Ramakrishnan</i>
15	Dr. V. Vanitha	HOD(i/c) / Information Technology	<i>V. Vanitha</i> 15/4/19
16	Dr.P.Devaki	Prof & HOD / Science & Humanities	<i>P. Devaki</i>
17	Dr. J. Srinivasan	Prof & HOD / Textile Technology	<i>J. Srinivasan</i>
18	Dr .J. Vijay Prakash	Deputy Controller of Examinations	<i>J. Vijay Prakash</i> 15/4/19

Teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the College			
19	Dr.R.Manivel	Prof. Mech. (Prof.i/c. R&D)	<i>Manivel</i>
20	Dr. C. Senthil Kumar	Head Autonomous / Asso.Prof / FT	<i>Senthil</i>
21	Dr. E. A. Vimal	Deputy Controller of Examinations & Associate Professor/ Department of Computer Science & Engineering	<i>Vimal</i>
Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,			
22	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	<i>Absent</i>
23	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	<i>Absent</i>
24	Mr.R.Ramesh (KCT Alumni – 1984- 1988 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	<i>Absent</i>
25	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	<i>Absent</i>
26	Mr.Hariharan Ganesan (Hari) KCT Alumni	Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix, #20, HMT Road, Yeshwantpur, Bangalore – 560 022.	<i>Absent</i>
Nominee of the University			
27	Dr. M. A. Bhagyaveni	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai- 600 025	<i>M. A. Bhagyaveni</i>

28	Dr. M . Muttharam	Professor Department of Civil Engineering, CEG Campus Anna University, Chennai- 600 025	M. Muttharam 15/4/19
29	Dr. L . Elango	Professor Department of Geology, CEG Campus Anna University, Chennai- 600 025	Absent
Faculty member nominated by the Principal (Member Secretary)			
30	Dr. Vinohar Stephen Rapheal	Head, Innovation and Planning, DoA	





**ACADEMIC COUNCIL MEMBERS & APPROVAL OF
NEW MEMBERS OF THE ACADEMIC COUNCIL**



APPROVAL OF NEW MEMBERS


3

**APPROVAL OF STANDING COMMITTEE
MEETING**

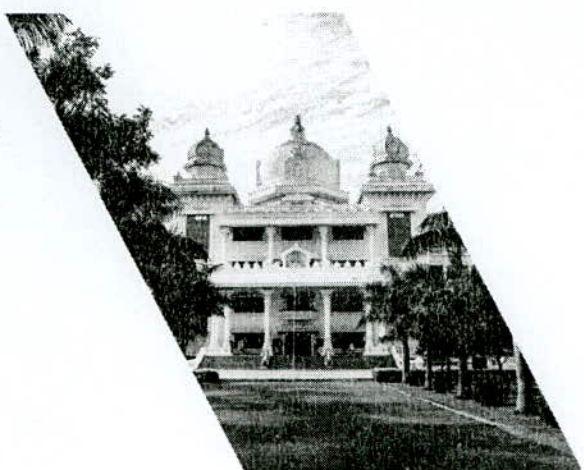


MINUTES OF THE MEETING


4



KEY AMENDMENTS IN R17 & R18 REGULATIONS



5



R2017, R2018 Regulations- UG &MCA

Criteria	Existing –R17, R18	Amendment/Ratification - R17, R18
Reappearance Criteria	<p>One arrear attempt, within one year period is permitted.</p> <p>Fail in an Arrear course or fail to clear arrear course, in a year needs course re-registration in Winter/Summer track to clear the course</p>	<p>The student can register for the Summer/Winter track, attend the classes, satisfy the minimum attendance requirements, re-earn his/her CAM and then appear for the ESE</p> <p>(OR)</p> <p>The student can appear for the Arrear exam. Course-re-registration via Winter/summer track optional</p>
Shortage of Attendance for CAT	<p>Students having ≥ 70 and $< 75\%$ may get a relaxation up to 5% if they submit assignments specified by the course faculty before the commencement of that specific exam.</p>	Clause removed
Failed in CAT exams	<ul style="list-style-type: none"> • Students scoring $< 50\%$ in a CAT exam will be permitted to improve their marks by 5% (ceiling 50%) by undergoing 'Assisted Teaching' 	Clause removed

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R2017 ,R2018 Regulations- UG & MCA



Internships	The student is allowed to undergo a maximum of 6 weeks Industrial Training / Internship (in India or abroad) for a maximum of 3 credits	<ul style="list-style-type: none">• Internship credits as per AICTE norms (45 hrs/week = 1 credit)• Internship/Industrial Training (in India or abroad), and work done will be evaluated and considered equivalent to the final semester project• Evaluation is based on the weekly Progress reports, Final report, Viva-voce by Evaluation committee, Feedback by Industry/external Research Supervisor
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Ratification in M.E/M.Tech 2015 Regulations



2015 M.E/M.Tech Regulations



Criteria	EXISTING R15	Amendment/Ratification R15
Mandatory Paper Publication	Mandatory to publish paper in conference/peer-reviewed journal	Optional



THANK YOU!



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16th Academic Council Meeting Minutes



Minutes of the 16th Meeting of Academic Council of the Autonomous Body

The 16th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 11.04.2018 from 11.00 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

- | | |
|--------------------------------|--|
| 1. Dr. J. Senthil | Chairman-Academic Council / Principal |
| 2. Dr. K. Sundararaj | HOD / AERO |
| 3. Dr. S. John Alexis | Prof & HOD / AUTO |
| 4. Dr. N. Saraswathy | HOD / BT |
| 5. Dr. N. Ramsundaram | HOD(i/c) / Civil |
| 6. Dr. J. Cynthia | HOD / CSE |
| 7. Dr. K. Malarvizhi | Prof. & HOD / EEE |
| 8. Dr.S.A.Pasupathy | Prof. & HOD / ECE |
| 9. Dr.M.Ezhilarasi | Prof. & HOD / EIE |
| 10. Mr. K.Prabu | HOD(i/c) / FT |
| 11. Dr. V. Vanitha | HOD / IT |
| 12. Dr. C. Velmurugan | Prof. & HOD / ME |
| 13. Dr. R.Venkatesan | Prof. & HOD / MCE |
| 14. Dr.Vijila Kennedy | Director / MBA |
| 15. Dr. M. Manikantan | HOD(i/c) / MCA |
| 16. Dr.J.Srinivasan | Prof. & HOD / TXT |
| 17. Dr.P.Devaki | Prof. & HOD/ S&H |
| 18. Dr.R.Manivel | Prof. Mech. (Prof..i/c. R&D) |
| 19. Dr. Mary Cherian | Prof & Head, Academic Operations, DoA |
| 20. Dr.J.Vijay Prakash | Deputy Controller of Examinations |
| 21. Dr. E. A. Vimal | Deputy Controller of Examinations |
| 22. Dr.Vinohar Stephen Rapheal | Head, Academic Innovations, DoA (Member Secretary) |

Members Nominated by Anna University:

23. Dr.M.Meenakshi Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai.
24. Dr.T. Senthilkumar Dean, Department of Automobile Engineering Bharathidasan Institute of Technology (BIT Campus), Anna University, Tiruchirappalli.
25. Dr.N.Nachimuthu Professor, Department of Rubber and Plastics Technology (MIT Campus), Anna University Chennai.

Members nominated by KCT:

26. Mr.R.Ramesh Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Coimbatore.

01. Welcome Address

Dr.Vinohar Stephen Rapheal, Head, Academic Innovations, DoA (Member Secretary) KCT, welcomed the members to the 16th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members

The following were presented by Dr. J. Vijay Prakash, DCoE & Coordinator Autonomous and were approved by the academic council - **Refer Annexure I**

- a. Minutes of the 15th Academic Council meeting held on 23.02.2018.
- b. Minutes of the 19th Standing Committee meeting held on 10.04.2018.
- c. Newly inducted members to the Academic Council.

03. Regulation and Amendments:

- a. Dr.J. Senthil, Principal, KCT and Chairman – Academic council presented the Regulation 2018 of U.G(B.E/B.Tech) & P.G(M.E/M.Tech/MCA) programmes to the members and were approved - **Refer Annexure II**
- b. Amendments' made in R-2014, R-2015 and R-2017 of UG & PG programmes were presented to the members and were approved - **Refer Annexure III.**

04. Approval of Curriculum & Syllabus for Regulation 2018 UG (BE/BTech) for semester 1 and 2

The Heads of the departments presented the curriculum and syllabus for UG (BE / B.Tech) and detailed syllabi for semester 1 and semester 2 of Regulation-2018 for 14 U.G programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering	Semester 1 and Semester 2	The academic council granted approval for the curriculum and syllabus for UG (BE / B.Tech) and detailed syllabi for semester 1 and semester 2 of Regulation-2018 for 14 U.G programmes: -Refer Annexure-IV
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		
5	Computer Science & Engineering		
6	Information Science & Engineering		
7	Electrical & Electronics Engineering		
8	Electronics & Communication Engineering		
9	Electronics & Instrumentation Engineering		
10	Fashion Technology		
11	Information Technology		
12	Mechanical Engineering		
13	Mechatronics Engineering		
14	Textile Technology		

05. Approval of Curriculum & Syllabus for Regulation 2017 UG (BE/BTech) for semester 3 and 8

The Heads of the departments presented the curriculum and syllabus for UG (BE / B.Tech) and detailed syllabi for semester 3 and semester 4 of Regulation-2017 for 13 U.G programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering	Semester 3 and Semester 4	The academic council granted approval for the curriculum and syllabus for UG (BE / B.Tech) and detailed syllabi for semester 3 and semester 4 of Regulation-2017 for 13 U.G programmes -Refer Annexure-V
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		
5	Computer Science & Engineering		
6	Electrical & Electronics Engineering		
7	Electronics & Communication Engineering		
8	Electronics & Instrumentation Engineering		
9	Fashion Technology		
10	Information Technology		
11	Mechanical Engineering		
12	Mechatronics Engineering		
13	Textile Technology		

06. Approval of MCA- Regulations 2018 & Amendments in Regulations -2017

The HoD of MCA presented the

- Amendments in Regulation -2017
- Curriculum and detailed syllabi for semester 3 to semester 6 of R17
- Curriculum and syllabi for semester 1 to semester 6 of R18.

Sl.No.	Programme	Approval
1.	MCA	The academic council granted approval for Amendments in the Regulation - 2017, curriculum and detailed syllabi for semester 3 to semester 6 of R17 and Curriculum & syllabi for semester 1 to semester 6 of R18.--Refer Annexure-VI

07. Approval of Amendments made in Regulation-2017 of MBA, Curriculum & Syllabi of R-2017 for semester 1 to 4

The Director MBA presented the Amendments' made in Regulation-2017, curriculum and syllabus for MBA – R17 (semester 1 to semester 4):

Sl.No.	Programme	Approval
1.	MBA	The academic council granted approval for the Amendments made in Regulation-2017, curriculum and syllabus (semester 1 to semester 4) for MBA programme of R17-refer Annexure-VII

08. Approval of Curriculum & Syllabus for Regulation 2018 PG (ME/MTech) for semester 1 to 4

The Heads of the departments presented the curriculum and syllabus for PG (ME / M.Tech) – curriculum for semester 1 to semester 4 and syllabi for sem 1 to sem 4 of Regulation-2018 for 13 PG programmes:

Sl.No.	Programme	Semesters	Approval
1	Structural Engineering	Semester 1 to Semester 4	The academic council granted approval for the curriculum and syllabus for PG (ME / M.Tech) curriculum for semester 1 to semester 4 and syllabi for sem 1 to sem 4 of Regulation-2018 for 13 PG programmes -refer Annexure-VIII
2	Environmental Engineering		
3	Industrial Engineering		
4	CAD / CAM		
5	Computer Science and Engineering		
6	Power Electronics and Drives		
7	Embedded Systems and Technologies		
8	Communication Systems		
9	Applied Electronics		
10	Apparel Technology		
11	Data Sciences		
12	Bio Technology		
13	Technology Management		

09. Any other matter with the permission of the Chair:-

NIL

10.Suggestion by the external members of the Academic Council:-

List attached

11.Vote of Thanks

Dr. Mary Cherian, Prof & Head, Academic Operations, DoA proposed vote of thanks.

Approved by**Signature**

Dr. J. Senthil	Chairman - Academic Council / Principal	<i>J. Senthil</i> 11/04/2018.
Nominee of Anna University		
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai.	<i>M. Meenakshi</i> 11/4/2018.
Dr.T. Senthilkumar	Dean, Department of Automobile Engineering Bharathidasan Institute of Technology (BIT Campus), Anna University,Tiruchirappalli.	<i>T. Senthilkumar</i>
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	<i>N. Nachimuthu</i> 11/04/2018
Expert Nominated by Governing Body		
Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, Coimbatore	<i>R. Ramesh</i>

The meeting came to an end at 4.15 PM.

J. Senthil 11/04/2018.
Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information
Correspondent for kind information
Joint Correspondent for kind information



10. Suggestions by Anna University nominees and Experts of the KCT Academic Council:-

- Members were happy to note that overall UG and PG programs were well designed and courses were balanced.
- Members also expressed programming aspects should not stop with 2 courses, should be part of / embedded in a few courses in later semesters so it will be useful for placements.



P. mthp

Principal / Chairman Academic Council

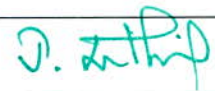




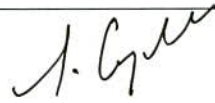

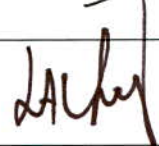
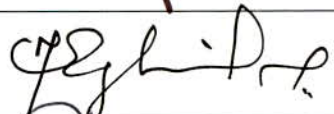

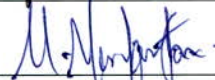
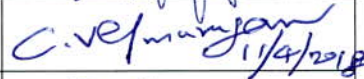


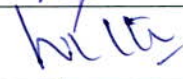


Office of the Coordinator Autonomous


Academic Council

16th Meeting held on 11.04.2018 at 11 a.m. at Kumaraguru College of Technology campus


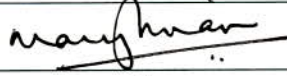

Date:11.04.2018

Members

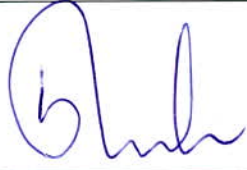
Sl.No.	Name of the members	Address	Signature
01	Dr. J. Senthil	Chairman, Academic Council & Principal	
02	Dr. K. Sundararaj	Prof & HOD / Aeronautical Engineering.	
03	Dr. S. John Alexis	Prof & HOD / Automobile Engineering	
04	Dr. N. Saraswathy	Prof & HOD / Bio-Technology	
05	Dr. N. Ramsundram	HOD(i/c) / Civil Engineering	
06	Dr. J. Cynthia	HOD(i/c) / Computer Science & Engineering	
07	Dr. K. Malarvizhi	Prof & HOD / Electrical & Electronics Engineering	
08	Dr.S.A.Pasupathy	Prof & HOD / Electronics & Communication Engineering	
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	
10	Dr.Vijila E Kennedy	Director,MBA	
11	Dr. M. Manikantan	HOD(i/c) / MCA	
12	Dr. C. Velmurugan	Prof & HOD / Mechanical Engineering	
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	
14	Mr. K.Prabu	HOD(i/c) / Fashion Technology	
15	Dr. V. Vanitha	HOD(i/c) / Information Technology	
16	Dr.P.Devaki	Prof & HOD / Science & Humanities	
17	Dr. J. Srinivasan	Prof & HOD / Textile Technology	

18	Dr.J.Vijay Prakash	Deputy Controller of Examinations	
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Teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the College

19	Dr.R.Manivel	Prof. Mech. (Prof..i/c. R&D)	
20	Dr. Mary Cherian	Prof & Head, Academic Operations, DoA	
21	Dr. E. A. Vimal	DCoE & Associate Professor/ Department of Computer Science & Engineering	

Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,

22	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	Absent
23	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	Absent
24	Mr.R.Ramesh (KCT Alumni – 84-88 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	
25	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	Absent
26	Mr.Hariharan Ganesan (Hari) KCT Alumni	Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix, #20, HMT Road, Yeshwantpur, Bangalore – 560 022.	Absent

Nominee of the University

27	Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai- 600 025	
28	Dr.T.Senthilkumar	Dean Department of Automobile Engineering Bharathidasan Institute of Technology (BIT Campus),Anna University, Tiruchirappalli – 620 024.	

29	Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai – 600 044	<i>N. Nachimuthu</i> 11/4/18
Faculty member nominated by the Principal (Member Secretary)			
30	Dr.Vinohar Stephen Rapheal	Head, Innovation and Planning, DoA	<i>Dr. Vinohar Stephen Rapheal</i> 11/4/18





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ANNEXURE – I

01. AGENDA OF THE 16TH ACADEMIC COUNCIL

MEETING NOTICE CIRCULATED TO MEMBERS.



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Ref: KCT/ACM/M16/2017-18

www.kct.ac.in

[An Autonomous
Institution
Established in 1984
Affiliated to
Anna University Chennai
Approved by
AICTE, New Delhi
Accredited by NAAC]

Date: 02.04.2018

Dear Sir / Madam,

Sub: Kumaraguru College of Technology – 16th Meeting of the Academic Council of Academic
Autonomy – reg.

We wish to inform that the 16th Academic Council of Academic Autonomy of Kumaraguru
College of Technology, Coimbatore, is scheduled to be held at 11.00 am on Wednesday the 11th April
2018 at the committee Room of Dr. Mahalingam Vigyan Bhavan.

AGENDA OF THE MEETING

- 1) Approval of the minutes of the Standing Committee meeting
- 2) Approval of R- 2017 Curriculum for 3 to 8 semester (Syllabus for 3 and 4 semester) for
all UG programmes.
- 3) Approval of R-2017 Curriculum & Syllabi for 3 to 6 semester of MCA programmes
- 4) Approval of BE/BTech/ME/MTech and MCA Regulations -2018
- 5) Approval of R-2018 Curriculum and Syllabus for 1 and 2 semester for all
BE/BTech/ME/MTech programmes
- 6) Approval of R-2018 Curriculum & Syllabi for 1 to 6 semester of MCA programme
- 7) Amendments made in earlier regulations
- 8) Approval of the minutes of the finance committee meeting
- 9) Any other matter with the permission of the Chairman, Academic Council

Kindly make it convenient to attend the meeting as per schedule.

Thanking you

J. Senthil
Yours truly,

Dr. J. Senthil
Principal
(Chairman, Academic Council)

To
The members concerned



P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA
Voice : +91 422 266 11 00 Fax : +91 422 266 94 06
info @kct.ac.in



coordinator autonomous <coordinator.autonomous@kct.ac.in>

Kumaraguru College of Technology-16th Academic Council meeting- 11th April 2018 (Wed) -reg

7 messages

coordinator autonomous <coordinator.autonomous@kct.ac.in>

Mon, Apr 2, 2018 at 4:20 PM

To: meena68@annauniv.edu, nmuthu@mitindia.edu, Senthilkumar Thamilkolundu <kmtsenthil@gmail.com>, Principal KCT <principal@kct.ac.in>, head mca <hod.mca@kct.ac.in>, head science and humanities <hod.sci@kct.ac.in>, Vijila Kennedy <vijila@kctbs.ac.in>, Giridharan PK <giridharan.pk.mec@kct.ac.in>, RAMPRAKASH k <ramprakash.k.ece@kct.ac.in>, Manivel R <manivel.r.mec@kct.ac.in>, Guhan M <selvan.cm@srmuniv.ac.in>, selvanm@gmail.com, director.et@srmuniv.ac.in, npiyer@npiyer.com, ramesh@janatics.co.in, sudha11@yahoo.com, sudha.rengarajan@intel.com, hariharan.Ganesan@weirgroup.com, coes <coes@kct.ac.in>, "VINOHAR.STEPHENRAPHEAL I" <vinohar.stephenrapheal.bt@kct.ac.in>, marycherian@kctbs.ac.in, Hods <hods@kct.ac.in>, head ece <hod.ece@kct.ac.in>, VIMAL A <vimal.ea.it@kct.ac.in>, JVP-Coe KCT <jvp.coe@kct.ac.in>
Cc: Shankar Vanavarayar <sv@kct.ac.in>, RAJU V <raju@kct.ac.in>, PREMA M <premam@kct.ac.in>

Dear Sir / Madam,

Sub: Kumaraguru College of Technology - 16th Academic Council Meeting on **11th April 2018 (Wed)** - reg.

Greetings from KCT !!!


The 16th Academic Council meeting of Kumaraguru College of Technology, Coimbatore-49 has been scheduled on **11th April 2018 (Wednesday)**.

Please find enclosed the letter for inviting you to attend the meeting and the agenda for the meeting.

Kindly make it convenient to attend the meeting.

Thanking you,

Yours Truly
Dr. J. Senthil
Principal / Chairman-Academic Council

 16th ACM Agenda-02042018153158.pdf
360K

Ramesh <ramesh@janatics.co.in>

Mon, Apr 2, 2018 at 6:54 PM

To: coordinator autonomous <coordinator.autonomous@kct.ac.in>

Dear Dr Senthil
I would like to confirm that I will attend on 11th as per your email
Regards
Ramesh

Sent from my iPhone

[Quoted text hidden]



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ANNEXURE – II

Enclosed the following copy of the Xerox submitted in the 16th Academic Council Meeting

01. Minutes of the 15th meeting of the Academic Council.

02. Minutes of the 19th meeting of the Standing Committee.



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OFFICE OF THE COORDINATOR AUTONOMOUS

01. Minutes of the 15th

Academic Council

Meeting



Minutes of the 15th Meeting of Academic Council of the Autonomous Body

The 15th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 23.02.2018 from 11.00 a.m. to 01.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

- | | |
|--------------------------------|---|
| 1. Dr.J.Senthil | Chairman-Academic Council / Principal |
| 2. Dr.K.Sundararaj | HOD / AE |
| 3. Dr. S. John Alexis | Prof & HOD / AUT |
| 4. Dr. N. Saraswathy | HOD / BT |
| 5. Dr.J.Premalatha | Prof. & HOD / Civil |
| 6. Dr. J. Cynthia | HOD / CSE |
| 7. Dr.Rani Thottungal | Prof. & HOD / EEE |
| 8. Dr.S.A.Pasupathy | Prof. & HOD / ECE |
| 9. Dr.M.Ezhilarasi | Prof. & HOD / EIE |
| 10. Dr.J.Srinivasan | Prof. & HOD / FT |
| 11. Dr. V. Vanitha | HOD / IT |
| 12. Dr.V.Muthukumaran | Prof. & HOD / ME |
| 13. Dr. R.Venkatesan | Prof. & HOD / MCE |
| 14. Dr.Vijila Kennedy | Director / MBA |
| 15. Dr.V. Geetha | Prof.&HOD / MCA |
| 16. Dr.Bhaarathi Durai | Prof. & HOD / TXT |
| 17. Prof.K.Ramprakash | Prof. i/c of PG / ECE |
| 18. Dr.P.Devaki | Prof. & HOD/ S&H |
| 19. Dr.R.Manivel | Prof. Mech. (Prof..i/c. R&D) |
| 20. Dr.P.K.Giridharan | Prof. i/c of PG / Mechanical Engineering |
| 21. Dr. Mary Cherian | Prof & Head, Academic Operations, DoA |
| 22. Dr.J.Vijay Prakash | Deputy Controller of Examinations |
| 23. Dr. E. A. Vimal | Deputy Controller of Examinations |
| 24. Dr.Vinohar Stephen Rapheal | Head, Innovation and Planning, DoA (Member Secretary) |

Members Nominated by Anna University:

- | | |
|--------------------|---|
| 25. Dr.M.Meenakshi | Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai. |
|--------------------|---|

26. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics
Technology (MIT Campus), Anna University
Chennai.

Members nominated by KCT:

27. Mr.Niranjan.P

Executive Director,
Cameron Manufacturing India Pvt Ltd,
Coimbatore 641 014

Student representatives (UG/PG):

28. Mr. Arul Pandiyan S – Roll no - 14BAU006

UG Student Representative-IV year AUE

29. Mr. Hari Krishnaa - Roll No-14BMC013

UG Student Representative-IV year MCE

30. Ms. Poonguzhali.- Roll No-14BTT036

UG Student Representative-IV year TXT

31. Ms. Shalini V - Roll No-15MCA036

PG Student Representative- III year MCA

01. Welcome Address

Dr.J. Senthil, Principal, KCT and Chairman – Academic council welcomed the members to the 15th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Dr. J. Vijay Prakash, DCoE & Coordinator Autonomous and were approved by the academic council - **Refer Annexure I**

- a. Minutes of the 14th Academic Council meeting held on 15.07.2017.
- b. Minutes of the 18th Standing Committee meeting held on 21.02.2018.
- c. Newly inducted members to the Academic Council.

03. Approval of Introduction of New Courses (Academic year 2018-2019 onwards)

- The Head of the Department of Computer Science and Engineering has presented the curriculum and syllabus for 4 years UG Programme B.E. (Information Science and Engineering) of semester 1 and 2 under Regulations 2018.
- The Professor and Head, Department of Civil Engineering has presented the curriculum and syllabus for 2 years PG Programme M.E. (Environmental Engineering) of semester 1 to 4 under Regulations 2018.

- Candidates should have an academic qualification with a B.E./B.Tech in any one of the following streams with minimum of 60 percentage of marks or equivalent CGPA from any one of the recognized Universities in India
 - i. Civil Engineering
 - ii. Environmental Engineering
 - iii. Agricultural and Irrigation Engineering
 - iv. Chemical Engineering
 - v. Geo-informatics Engineering
 - vi. Biotechnology/Industrial Biotechnology
 - vii. Industrial Engineering
 - viii. B.Tech. (Energy and Environmental Engineering) of TamilNadu Agricultural University, Coimbatore.
 - ix. Mechanical Engineering (sponsored candidates from Government organizations)
 - x. Electrical Engineering (with 3 years of relevant experience) (sponsored candidates from Government organizations)
- The Head of the Department of Information Technology has presented the curriculum and syllabus for 2 years PG Programme M.Tech. (Data Sciences) of semester 1 to 4 under Regulations 2018.
 - Completion of any U.G programmes(B.E/B.Tech) is eligible for undergoing the M.Tech(Data Sciences) programme.
- The Professor and Head, Department of Textile Technology has presented the curriculum and syllabus for 2 years PG Programme M.Tech. (Technology Management) of semester 1 to 4 under Regulations 2018.
 - Completion of any U.G programmes(B.E/B.Tech) is eligible for undergoing the M.Tech(Technology Management) programme.

The proposed new programmes mentioned above were approved by the academic council - Refer **Annexure - II**

04. Approval of Results

Dr. E. A. Vimal, Deputy Controller of Examinations has presented the results for UG and PG courses of Nov/Dec-2017 end semester examinations and the same was approved by the academic council - Refer **Annexure - III**

05. Any other matter with the permission of the Chair:-

NIL

06.Suggestion by the external members of the Academic Council:-

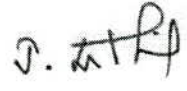

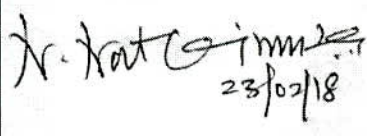
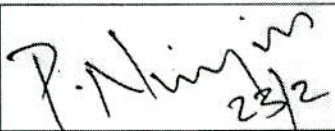
List attached

07.Vote of Thanks

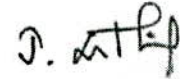
Dr. Mary Cherian, Prof & Head, Academic Operations, DoA proposed vote of thanks.

Approved by

Signature

Dr. J. Senthil	Chairman - Academic Council / Principal	
Nominee of Anna University		
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai.	 23/2/18
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	 23/02/18
Expert Nominated by Governing Body		
Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Coimbatore 641 014	 23/2

The meeting came to an end at 1.00 PM.



Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information
Correspondent for kind information
Joint Correspondent for kind information



06. Suggestions by Anna University nominees and Experts of the KCT Academic Council:

a. Member suggested introduction of Computer vision as a component of relevant course or as a separate course in B.E (Information Science and Engineering) programme.

b. Members stressed the growing importance of e-waste and therefore the necessity of introduction of a separate course on E-waste management and related issues in the M.E. (Environmental Engineering) curriculum and syllabus.

c. In the M. E. (Data Sciences) programme


- ✓ Members suggested inclusion of Artificial intelligence concepts at a level higher than of topics offered at UG level.
- ✓ Member suggested incorporation of concepts related to 'localization of data' in relevant courses
- ✓ Members also suggested incorporation of concepts of block chain security and transactions


d. In the M.Tech (Technology Management) programme

- ✓ Members advise Inclusion of more number of electives in the each elective tracks, to offer students sufficient choice
- ✓ Members expressed concern on the probable employment options for the graduates, other than the local textile and engineering industries of the region.

e. The members also remarked the PG programs are increasingly becoming inter-disciplinary

f. The members suggested the results henceforth to be compared with earlier years and planned targets to better understand trends.


Coordinator Autonomous


Principal / Chairman Academic Council



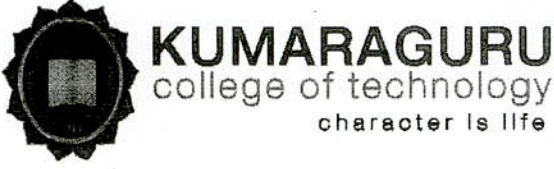


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02. Minutes of the 19th meeting of the Standing Committee



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Office of the Coordinator Autonomous

KCT/COE/G-SCM/113/2017-2018

Date: 10.04.2018

Minutes of the meeting of 19th Standing Committee of the Academic Council

A meeting of the Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore, was held on Tuesday, 10th April 2018 at 4.45pm in the Committee room.

The following members were present for the meeting.

1. Dr. J. Senthil	Chairman-Academic Council / Principal
2. Dr. K. Sundararaj	HOD / AERO
3. Dr. S. John Alexis	Prof & HOD / AUTO
4. Dr. N. Saraswathy	HOD / BT
5. Dr. N. Ramsundaram	HOD(i/c) / Civil
6. Dr. J. Cynthia	HOD / CSE
7. Dr. K. Malarvizhi	Prof. & HOD / EEE
8. Dr.S.A.Pasupathy	Prof. & HOD / ECE
9. Dr.M.Ezhilarasi	Prof. & HOD / EIE
10. Mr. K.Prabu	HOD(i/c) / FT
11. Dr. V. Vanitha	HOD / IT
12. Dr. C. Velmurugan	Prof. & HOD / ME
13. Dr. R.Venkatesan	Prof. & HOD / MCE
14. Dr.Vijila Kennedy	Director / MBA
15. Dr. M. Manikantan	HOD(i/c) / MCA
16. Dr.J.Srinivasan	Prof. & HOD / TXT
17. Dr.P.Devaki	Prof. & HOD/ S&H
18. Dr.R.Manivel	Prof. Mech. (Prof..i/c. R&D)
19. Dr. Mary Cherian	Prof & Head, Academic Operations, DoA
20. Dr.J.Vijay Prakash	Deputy Controller of Examinations
21. Dr. E. A. Vimal	Deputy Controller of Examinations
22. Dr.Vinohar Stephen Rapheal	Head, Innovation and Planning, DoA (Member Secretary)

The following points were discussed in the meeting:

01. Dr. J. Senthil, Principal presented the CBCS UG-Regulation-2018.

02 All the Head of the Departments have presented curriculum & syllabus for first year UG curriculum & syllabus for sem 1 and sem 2 and curriculum for sem 3 to sem 8 of R-2018.

03 Amendments made in Regulation-2014, 2015 and 2017 of BE/BTech and ME/MTech programme presented in the meeting.

04 Amendments made in MBA-Regulation-2017, curriculum and syllabus for sem 1 to sem 4 presented.

05. Regulation-2017 curriculum for semester 1 to semester 6 and syllabi for sem 3 to sem 6 and Regulation-2018 of Curriculum and syllabi - curriculum for semester 1 to semester 6 and syllabi for sem 1 and sem 2 for MCA programme presented.

06. The Heads of the departments presented the curriculum and syllabus for PG (ME / M.Tech) – curriculum for semester 1 to semester 4 and syllabi for sem 1 to sem 4 of Regulation-2018 for 13 PG programmes:

The committee approved all the above points.

The meeting ended at 8.00pm.

J. K. P.
Chairman, Academic Council / Principal

To

All the members concerned

Copy submitted to the Co-Chairman, for kind information

Copy submitted to the Correspondent, for kind information

Copy submitted to Joint Correspondent for kind information





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Standing Committee Meeting

19th Standing Committee Meeting held on 10.04.2018 at 4.40 pm. at Kumaraguru College of Technology campus

Date:10.04.2018

Members

Sl.No.	Name of the members	Address	Signature
01	Dr. J. Senthil	Chairman, Academic Council & Principal	J. Senthil
02	Dr. K. Sundararaj	Prof & HOD / Aeronautical Engineering	K. Sundararaj
03	Dr. S. John Alexis	Prof & HOD / Automobile Engineering	S. John Alexis
04	Dr. N. Saraswathy	Prof & HOD / Bio-Technology	N. Saraswathy
05	Dr. N. Ramsundram	HOD(i/c) / Civil Engineering	N. Ramsundram
06	Dr. J. Cynthia	HOD(i/c) / Computer Science & Engineering	J. Cynthia
07	Dr. K. Malarvizhi	Prof & HOD / Electrical & Electronics Engineering	K. Malarvizhi 10/4/18
08	Dr.S.A.Pasupathy	Prof & HOD / Electronics & Communication Engineering	S.A. Pasupathy
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	M. Ezhilarasi
10	Dr.Vijila E Kennedy	Director,MBA	Vijila E Kennedy
11	Dr. M. Manikantan	HOD(i/c) / MCA	M. Manikantan
12	Dr. C. Velmurugan	Prof & HOD / Mechanical Engineering	C. Velmurugan 10/4/2018

13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	<i>R. Venkatesan</i>
14	Mr. K.Prabu	HOD(i/c) / Fashion Technology	<i>K. Prabu</i>
15	Dr. V. Vanitha	HOD(i/c) / Information Technology	<i>V. Vanitha</i>
16	Dr.P.Devaki	Prof & HOD / Science & Humanities	<i>P. Devaki</i>
17	Dr. J. Srinivasan	Prof & HOD / Textile Technology	<i>J. Srinivasan</i>
18	Dr.J.Vijay Prakash	Deputy Controller of Examinations	<i>J. Vijay Prakash</i>

Teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the College

19	Dr.R.Manivel	Prof. Mech. (Prof..i/c. R&D)	
20	Dr. Mary Cherian	Prof & Head, Academic Operations, DoA	<i>M. Cherian</i>
21	Dr. E. A. Vimal	DCE & Associate Professor/ Department of Computer Science & Engineering	<i>E. A. Vimal</i>





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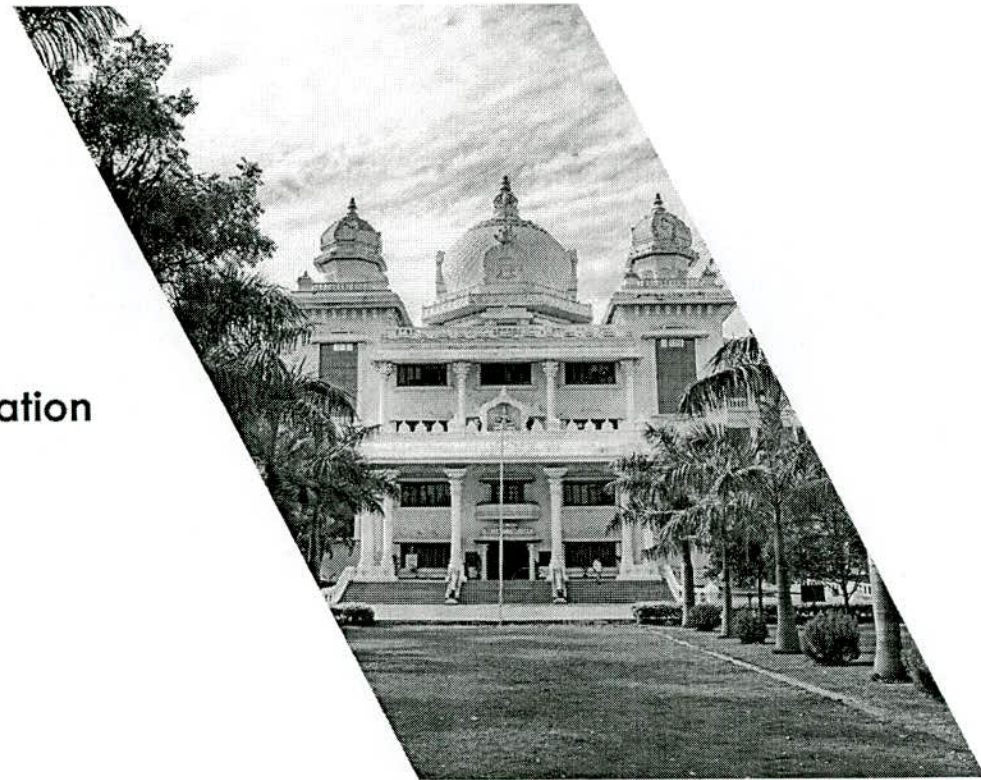
OFFICE OF THE COORDINATOR AUTONOMOUS

ANNEXURE – III

COPY OF THE POWER POINT PRESENTATION.



KUMARAGURU
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R18 Regulation
Key changes from R17 to R18 Regulation
& Amendments

Topics	Regulations – 17 (R17)Existing	Regulations – 18 (R18)/Amended R17
Credit Range	166 to 175 + 2 (Vital Units)	150 to 160
Curriculum Structure	Humanities & Social Sciences (HS): 10-15% Basic Sciences (BS): 15-20% Basic Engineering Sciences (ES): 10-15% Professional Core (PC): 30-40% Professional Electives (PE): 10-15% Project work (PW): 7-15% Employment Enhancement (eRIDE): 5% Open Electives (OE): 5% Vital activities: 1%	HS, BS, PC, PW same as R17; ES, PE, OE modified Engineering Clinics added No vital activities
Open Electives Professional electives	9 credits Upto 18 credits	Upto 6 credits Upto 12 credits
Employment enhancement courses	Upto 9 credits	Mandatory Add-on courses
Minor Specialization	OE component + extra 6 credits Total 15 credits	<ul style="list-style-type: none"> • 9-12 credits beyond minimum credit requirements • No history of arrears • Separate CGPA for Minors
Honors	Nil	<ul style="list-style-type: none"> • 9-12 credits beyond minimum credit requirements • CGPA above 8.0 upto 4th semester & maintain 8.0 until graduation • No history of arrears • Separate CGPA for Honors course list

11.04.18

Topics	Regulations – 17 (R17) Existing		Regulations – 18 (R18)/R17 Amended
Semester Structure & Credit range in a semester	Regular Semester	Odd & Even (16 to 30 credits, if 30 Credit one 3 Credit course self study)	Same as R17
	Summer Track (6 weeks)	Introduced	Same as R17
	Winter Track (3 weeks)	Nil	Introduced
Winter Track	Nil		Who can register? Students <ul style="list-style-type: none"> • with lack of attendance in regular semester • Failed in End Semester Examination (ESE) • Failed in previous summer/winter track • Courses without pre-requisites in the 7th and 8th semester can be registered after the 4th semester when offered in the winter track
Attendance Requirement	<ul style="list-style-type: none"> • CAT I, II & ESE \geq 75% from start of class 		<ul style="list-style-type: none"> • CAT I, 1st semester \geq 60% from date of joining • CAT I 2nd to 8th semester, CAT II & ESE \geq 75% from start of semester • Students having <75% (< 60% first semester) may get a relaxation up to 5% if they submit an assignment specified by the class faculty before the commencement of that specific exam • Students having a CGPA of 8.75 and above and with no current backlog courses will be exempted from the minimum attendance requirements

Topics	Regulations – 17 (R17)Existing	Regulations – 18 (R18)/Amended R17
Retest for Missed CAT	Retest after ensuring genuine reasons: <ul style="list-style-type: none"> • Prolonged hospitalization • Death of immediate family members • NCC/NSS/NSO camps • Representing college in reputed events 	<ul style="list-style-type: none"> • No Retest • For genuine cases, recommended by DCC, Rescaling of ESE for the missed CAT will be done (Missed CAT mark= ESE X CAT Weightage) • Rescaling marks is subject to a maximum of 15 % of ESM • Rescaling can be for one CAT only
Failed in CAT exams	Nil	<ul style="list-style-type: none"> • Students scoring <50% in a CAT exam will be permitted to improve their marks by a maximum of 50% of CAT marks by undergoing 'Student Assisted Teaching' • Best performing UG/PG students will mentor the failed students • Students must complete 4 assignments between the CATs

11.04.18

Topics	Regulations – 17 (R17)Existing	Regulations – 18 (R18)/Amended R17
Reappearance Criteria	<p>Once RA grade is obtained in a regular semester, then student has two options:-</p> <ul style="list-style-type: none"> •The student has to register for the Summer track, re-earn his/her CAM and then appear for the ESE <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> •The student can retain the earned CAM during the regular semester, and appear for the ESE for the second time. If he/she fails in the second attempt (1 Regular attempt and 1 Arrear attempt), then the student shall re-register for the course in the Summer track 	<p>Arrear Exam</p> <ul style="list-style-type: none"> • Student can write an arrear exam along with the ESE or during the Winter/ Summer vacation, conducted as 'Regular Arrear Exam' • A minimum grand total of 50 and above marks entitles a fixed minimum 'B' grade (B grade can be improved if the student has high internals) <p>Re-Registering Arrear Courses</p> <ul style="list-style-type: none"> • One arrear attempt, within one year period is permitted • Fail in an Arrear or fail to clear arrear in a year needs course re-registration to clear • Course re-registration attracts separate payment
CAM:ESM breakup 11.04.18	50:50	60:40

Topics	Regulations – 17 (R17)Existing				Regulations – 18 (R18)					
Passing Criteria	Type		R17 passing Requirement			Type		R18 passing Requirement		
			CAM	ESM	TOTAL			CAM	ESM	TOTAL
	Theory Only		No Min	50%	50%	Theory Only		No Min	40%	50%
	Lab Only		No Min	50%	50%	Lab Only		No Min	50%	50%
	Embedded	Theory	No Min	50%	50%	Embedded	Theory	No Min	40%	50%
		Lab	No Min	50%			Lab	No Min	50%	



Topics	Regulations – 17 (R17)Existing	Regulations – 18 (R18)/Amended R17
Degree completion	Nil	A student who has more than 10 arrears at the end of 8th semester may attend summer track and/or an extra semester and complete the degree requirements



M.E/ M.Tech Regulation 2018



Topics	Regulations – 15 (R15)	Regulations – 18 (R18)
Credit range	65-75	60-66
Embedded courses	Nil	Included
Attendance Requirement	<ul style="list-style-type: none"> - Minimum 80% in theory and lab courses. - 10% concession for medical reasons 	<ul style="list-style-type: none"> • CAT I, semester 1 \geq 60% from date of joining • CAT I semester 2 to 8, CAT II & ESE \geq 75% from start of semester • Students having a CGPA of 8.75 and above and with no current backlog courses will be exempted from the minimum attendance requirements • Students having $<75\%$ ($< 60\%$ first semester) may get a relaxation up to 5% if they submit an assignment specified by the class faculty before the commencement of that specific exam



Topics	Regulations – 15 (R15)	Regulations – 18 (R18)
Retest for Missed CAT	One retest is permitted	<ul style="list-style-type: none"> • No Retest • For genuine cases, recommended by DCC, Rescaling of ESE for the missed CAT will be done (Missed CAT mark= ESE X CAT Weightage) • Rescaling marks is subject to a maximum of 15 % of ESM • Rescaling can be for one CAT only
Failed in CAT exams	Nil	<ul style="list-style-type: none"> • Students scoring <50% in a CAT exam will be permitted to improve their marks by a maximum of 50% of CAT marks by undergoing 'Student Assisted Teaching' • Best performing PG students will mentor the failed students • Students must complete 4 assignments between the CATs

MCA Amendments(R17)



EXISTING	PRESENT
<p>Minimum attendance of 75% in each course will be an eligibility criterion to take up continuous assessment tests (CAT1 & CAT2) and end semester examination.</p>	<p>It is not mandatory to maintain a minimum attendance of 75% in each course to appear for continuous assessment tests (CAT1 & CAT2),but minimum attendance of 75% in each course will be an eligibility criterion to take up end semester examinations .</p>



Amendments in 2015 Regulations

2015 Regulations



OPEN ELECTIVES

Description	EXISTING	AMENDMENT
Shortage of Attendance in Open elective courses	If a student has less than 75 % of attendance in open elective courses, he/she has to re-register & redo the same course	<ul style="list-style-type: none"> If a student has < 75 % of attendance in open elective courses, he/she shall re-register for the same or different open elective course when offered next
"RA" Grade in open Elective Courses	He/She has to appear the same course as an "Arrear". CAM gets nullified only after three attempts.	<ul style="list-style-type: none"> If a student earns a "RA" grade in Open Elective courses, his/her CAM gets nullified immediately and he/she shall register for the same or different open elective course when offered next. Course Equivalence shall be marked in the grade sheet for the students who earn an "RA" grade and passes in different open elective course

2015 Regulations



Number of courses and Group presentation

	EXISTING	AMENDMENT
Number of courses per semester	Maximum of 10 courses per semester Maximum of 30 credits per semester	Maximum of 30 credits per semester
Group presentation	Group presentation is mandatory for all the courses from Semester 1 to 8	At least one Group presentation to meet team work requirements
Practical Examinations	End Semester Practical Exams will be jointly conducted by Internal and External faculty	End Semester Practical Exams will be conducted by Internal Faculty . External Experts will be involved for Capstone Projects

2015 Regulations



Supplementary Examinations and Arrear Registration

Description	EXISTING	AMENDMENT
Supplementary Examinations	<ul style="list-style-type: none"> Supplementary Examinations will be conducted after the publication of the results for the End Semester Examinations 	<ul style="list-style-type: none"> Follow R18 norms
Registration of Arrear courses	<ul style="list-style-type: none"> Students shall mandatorily register for all the courses 	<ul style="list-style-type: none"> Optional Registration for arrear examinations

2015 Regulations



CAM Nullification

Description	EXISTING	AMENDMENT
CAM Nullification	<p>If a student fails to clear a course in three attempts (one attempt as regular and two attempts as arrears) in a particular course through end semester exams/ supplementary exams, the CAM of that course will cease to be counted from the fourth attempt and the student will be allowed to appear for end semester examination and based on the students performance in the end semester exam alone the result will be declared (that is, the student has to score a minimum of 50 out of 100 in the end semester exam for being declared to have passed in that course).</p>	<ul style="list-style-type: none"> • Follow R18 Norms

11.04.18

2015 Regulations



Completion of Degree		
Description	EXISTING	AMENDMENT
Completion of Degree	Nil	A student who has more than 10 arrears at the end of 8th semester may attend summer track and/or an extra semester and complete the degree requirements

MBA Program Amendments in R-17

Amendment passed in the Board of Studies held on April 4, 2018

Amendment 1

Existing 5.8.1 Grades and grade Points.

Range of Marks	Grade	Grade Points (GP)
100 - 90	O (Outstanding)	10
89 - 80	A+ (Excellent)	9
79 - 70	A (Very Good)	8
69 - 60	B+ (Good)	7
59 - 50	B (Average)	6
< 50	RA (Fail)	0
Absent	AB	0
Withdrawal from examination	W	-

8. Classification and Award of Degree

First class

a) Passing of the examinations of all the courses in all four semesters within a maximum of four semesters

b) **CGPA > 6.5**

c) Authorized break of study and authorized withdrawal is permissible.

11.04.18

Proposed 5.8.1 Grades and grade Points.

Range of Marks	Grade	Grade Points (GP)
91- 100	O (Outstanding)	10
81 - 90	A+ (Excellent)	9
71 - 80	A (Very Good)	8
61 - 70	B+ (Good)	7
50 – 60	B (Average)	6
< 50	RA (Reappearance)	0
Shortage of Attendance	SA	
Absent	RA-AB (Reappearance due to Absence)	0
Withdrawal from examination	W	0

8. Classification and Award of Degree

First class

a) Passing of the examinations of all the courses in all four semesters within a maximum of four semesters

b) **CGPA > 7.0**

c) Authorized break of study and authorized withdrawal is permissible.

Amendment 2



Amendment in R-17 of MBA

Course Type	Course Title	Credits	Course Title	Credits	Course Title	Credits
Core	Business Ethics	3	Business Ethics	3	Business Ethics	3
Field Experience	Social Immersion Project	2	Social Immersion Project	2	Courses or Industry Research Project	9
Concentration	Concentration 6	4	Courses or Business Research Project	7		
Core	Profes Deve 4	1				
Interdisciplinary	Open Elective 3	1				
Interdisciplinary	Open Elective 4	1				
Total		12		12		12



THANK YOU!



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15th Academic Council Meeting Minutes



Minutes of the 15th Meeting of Academic Council of the Autonomous Body

The **15th** meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on **23.02.2018 from 11.00 a.m. to 01.00 p.m.** in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

- | | |
|--------------------------------|---|
| 1. Dr.J.Senthil | Chairman-Academic Council / Principal |
| 2. Dr.K.Sundararaj | HOD / AE |
| 3. Dr. S. John Alexis | Prof & HOD / AUT |
| 4. Dr. N. Saraswathy | HOD / BT |
| 5. Dr.J.Premalatha | Prof. & HOD / Civil |
| 6. Dr. J. Cynthia | HOD / CSE |
| 7. Dr.Rani Thottungal | Prof. & HOD / EEE |
| 8. Dr.S.A.Pasupathy | Prof. & HOD / ECE |
| 9. Dr.M.Ezhilarasi | Prof. & HOD / EIE |
| 10. Dr.J.Srinivasan | Prof. & HOD / FT |
| 11. Dr. V. Vanitha | HOD / IT |
| 12. Dr.V.Muthukumaran | Prof. & HOD / ME |
| 13. Dr. R.Venkatesan | Prof. & HOD / MCE |
| 14. Dr.Vijila Kennedy | Director / MBA |
| 15. Dr.V. Geetha | Prof.&HOD / MCA |
| 16. Dr.Bhaarathi Durai | Prof. & HOD / TXT |
| 17. Prof.K.Ramprakash | Prof. i/c of PG / ECE |
| 18. Dr.P.Devaki | Prof. & HOD/ S&H |
| 19. Dr.R.Manivel | Prof. Mech. (Prof..i/c. R&D) |
| 20. Dr.P.K.Giridharan | Prof. i/c of PG / Mechanical Engineering |
| 21. Dr. Mary Cherian | Prof & Head, Academic Operations, DoA |
| 22. Dr.J.Vijay Prakash | Deputy Controller of Examinations |
| 23. Dr. E. A. Vimal | Deputy Controller of Examinations |
| 24. Dr.Vinohar Stephen Rapheal | Head, Innovation and Planning, DoA (Member Secretary) |

Members Nominated by Anna University:

- | | |
|--------------------|---|
| 25. Dr.M.Meenakshi | Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai. |
|--------------------|---|

26. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics
Technology (MIT Campus), Anna University
Chennai.

Members nominated by KCT:

27. Mr.Niranjan.P

Executive Director,
Cameron Manufacturing India Pvt Ltd,
Coimbatore 641 014

Student representatives (UG/PG):

28. Mr. Arul Pandiyan S – Roll no - 14BAU006

UG Student Representative-IV year AUE

29. Mr. Hari Krishnaa - Roll No-14BMC013

UG Student Representative-IV year MCE

30. Ms. Poonguzhali.- Roll No-14BTT036

UG Student Representative-IV year TXT

31. Ms. Shalini V - Roll No-15MCA036

PG Student Representative- III year MCA

01. Welcome Address

Dr.J. Senthil, Principal, KCT and Chairman – Academic council welcomed the members to the 15th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Dr. J. Vijay Prakash, DCoE & Coordinator Autonomous and were approved by the academic council - **Refer Annexure I**

- a. Minutes of the 14th Academic Council meeting held on 15.07.2017.
- b. Minutes of the 18th Standing Committee meeting held on 21.02.2018.
- c. Newly inducted members to the Academic Council.

03. Approval of Introduction of New Courses (Academic year 2018-2019 onwards)

- The Head of the Department of Computer Science and Engineering has presented the curriculum and syllabus for 4 years UG Programme B.E. (Information Science and Engineering) of semester 1 and 2 under Regulations 2018.
- The Professor and Head, Department of Civil Engineering has presented the curriculum and syllabus for 2 years PG Programme M.E. (Environmental Engineering) of semester 1 to 4 under Regulations 2018.

- Candidates should have an academic qualification with a B.E./B.Tech in any one of the following streams with minimum of 60 percentage of marks or equivalent CGPA from any one of the recognized Universities in India
 - i. Civil Engineering
 - ii. Environmental Engineering
 - iii. Agricultural and Irrigation Engineering
 - iv. Chemical Engineering
 - v. Geo-informatics Engineering
 - vi. Biotechnology/Industrial Biotechnology
 - vii. Industrial Engineering
 - viii. B.Tech. (Energy and Environmental Engineering) of TamilNadu Agricultural University, Coimbatore.
 - ix. Mechanical Engineering (sponsored candidates from Government organizations)
 - x. Electrical Engineering (with 3 years of relevant experience) (sponsored candidates from Government organizations)
- The Head of the Department of Information Technology has presented the curriculum and syllabus for 2 years PG Programme M.Tech. (Data Sciences) of semester 1 to 4 under Regulations 2018.
 - Completion of any U.G programmes(B.E/B.Tech) is eligible for undergoing the M.Tech(Data Sciences) programme.
- The Professor and Head, Department of Textile Technology has presented the curriculum and syllabus for 2 years PG Programme M.Tech. (Technology Management) of semester 1 to 4 under Regulations 2018.
 - Completion of any U.G programmes(B.E/B.Tech) is eligible for undergoing the M.Tech(Technology Management) programme.

The proposed new programmes mentioned above were approved by the academic council - Refer **Annexure - II**

04. Approval of Results

Dr. E. A. Vimal, Deputy Controller of Examinations has presented the results for UG and PG courses of Nov/Dec-2017 end semester examinations and the same was approved by the academic council - Refer **Annexure - III**

05. Any other matter with the permission of the Chair:-

NIL




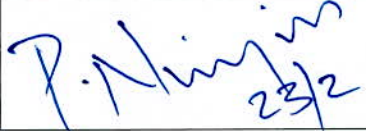
06.Suggestion by the external members of the Academic Council:-

List attached

07.Vote of Thanks

Dr. Mary Cherian, Prof & Head, Academic Operations, DoA proposed vote of thanks.

Approved by**Signature**

Dr. J. Senthil	Chairman - Academic Council / Principal	
Nominee of Anna University		
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai.	 23/2/18
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	 23/02/18
Expert Nominated by Governing Body		
Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Coimbatore 641 014	 23/2

The meeting came to an end at 1.00 PM.



Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information
Correspondent for kind information
Joint Correspondent for kind information



06. Suggestions by Anna University nominees and Experts of the KCT Academic Council:

- a. Member suggested introduction of Computer vision as a component of relevant course or as a separate course in B.E (Information Science and Engineering) programme.
- b. Members stressed the growing importance of e-waste and therefore the necessity of introduction of a separate course on E-waste management and related issues in the M.E. (Environmental Engineering) curriculum and syllabus.
- c. In the M. E. (Data Sciences) programme
- ✓ Members suggested inclusion of Artificial intelligence concepts at a level higher than of topics offered at UG level.
 - ✓ Member suggested incorporation of concepts related to 'localization of data' in relevant courses
 - ✓ Members also suggested incorporation of concepts of block chain security and transactions
- d. In the M.Tech (Technology Management) programme
- ✓ Members advise Inclusion of more number of electives in the each elective tracks, to offer students sufficient choice
 - ✓ Members expressed concern on the probable employment options for the graduates, other than the local textile and engineering industries of the region.
- e. The members also remarked the PG programs are increasingly becoming inter-disciplinary
- f. The members suggested the results henceforth to be compared with earlier years and planned targets to better understand trends.


Coordinator Autonomous


Principal / Chairman Academic Council








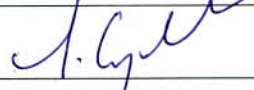
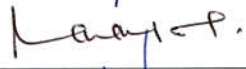

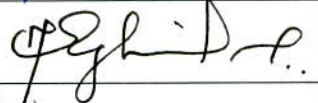
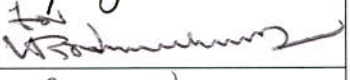
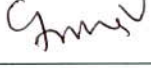

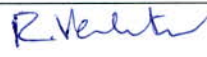

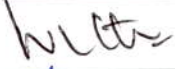



Office of the Coordinator Autonomous


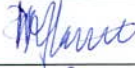




Academic Council


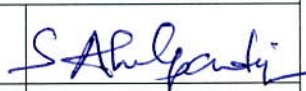

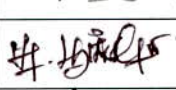
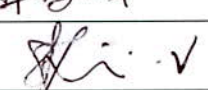
15th Meeting held on 23.02.2018 at 11 a.m. at Kumaraguru College of Technology campus

Date:23.02.2018

Members

Sl.No.	Name of the members	Address	Signature
01	Dr. J. Senthil	Chairman, Academic Council & Principal	
02	Dr.K.Sundararaj	HOD / Aeronautical Engineering	
03	Dr. S. John Alexis	Prof & HOD / Automobile Engineering	
04	Dr. N. Saraswathy	Prof & HOD i/c / Bio-Technology	
05	Dr. J. Premalatha	Prof & HOD / Civil Engineering	
06	Dr. J. Cynthia	HOD / Computer Science & Engineering	
07	Dr.Rani Thottungal	Prof & HOD / Electrical & Electronics Engineering	
08	Dr.S.A.Pasupathy	Prof & HOD i/c / Electronics & Communication Engineering	
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	
10	Dr.Vijila E Kennedy	Director / MBA	
11	Dr.V. Geetha	Prof & HOD / MCA	
12	Dr.V.Muthukumaran	Prof & HOD / Mechanical Engineering	
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	
14	Dr.J.Srinivasan	Prof & HOD / Fashion Technology	
15	Dr. V. Vanitha	HOD / Information Technology	
16	Dr.P.Devaki	Prof & HOD / Science & Humanities	
17	Dr.Bhaarathi Dhurai	Prof & HOD / Textile Technology	
18	Dr.P.K.Giridharan	Prof. i/c of PG / Mechanical Engineering	

19	Prof.K.Ramprakash	Prof. i/c of PG / Electronics and Communication Engineering	K. Ram Prakash
20	Dr.J.Vijay Prakash	Deputy Controller of Examinations	
Teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the College			
21	Dr.R.Manivel	Prof. Mech. (Prof..i/c. R&D)	
22	Dr. Mary Cherian	Prof & Head, Academic Operations, DoA	
23	Dr. E. A. Vimal	Associate Professor/Department of Computer Science & Engineering/ Deputy Controller of Examinations	
Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,			
24	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	ABSENT
25	Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	 23/2/18
26	Mr.R.Ramesh (KCT Alumni – 84-88 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	ABSENT
27	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	ABSENT
28	Mr.Hariharan Ganesan (Hari) KCT Alumni	Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix, #20, HMT Road, Yeshwantpur, Bangalore – 560 022.	ABSENT
Nominee of the University			
29	Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai- 600 025	 23/2/18

30	Dr.T.Senthilkumar	Dean Department of Automobile Engineering Bharathidasan Institute of Technology (BIT Campus), Anna University, Tiruchirappalli – 620 024..		ABSENT
31	Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai – 600 044		N. Nachimuthu
Faculty member nominated by the Principal (Member Secretary)				
32	Dr.Vinohar Stephen Rapheal	Head, Innovation and Planning, DoA		
Students Representative				
33	Mr. Arul Pandiyan S	14BAU006	B.E. Automobile Engineering	
34	Mr. Gopinath D	14BCS030	B.E. Computer Science & Engineering	ABSENT
35	Mr. Hari Krishnaa	14BMC013	B.E. Mechatronics Engineering	
36	Mr. Bhuvanesh E	14BTT010	B. Tech Textile Technology	ABSENT
37	Ms. Poonguzhali	14BTT036	B. Tech Textile Technology	
38	Ms. Shalini V	15MCA036	M.C.A	



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OFFICE OF THE COORDINATOR AUTONOMOUS

ANNEXURE – I

01. AGENDA OF THE 15TH ACADEMIC COUNCIL

MEETING NOTICE CIRCULATED TO MEMBERS.



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Ref: KCT/ACM/M15/2017-18

www.kct.ac.in

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Institution
Established in 1984
Affiliated to
Anna University Chennai
Approved by
AICTE, New Delhi
Accredited by NAAC]

Date: 13.02.2017

Dear Sir / Madam,

Sub: Kumaraguru College of Technology – 15th Meeting of the Academic Council of Academic
Autonomy – reg.

We wish to inform that the 15th Academic Council of Academic Autonomy of Kumaraguru
College of Technology, Coimbatore, is scheduled to be held at 10.00 am on Friday the 23rd February
2018 at the committee Room of Dr. Mahalingam Vigyan Bhavan.

AGENDA OF THE MEETING

- 1) Approval of the minutes of the Standing Committee meeting
- 2) Approval of UG Regulations -2017 curriculum & syllabi for semester 1 to semester 8 of
civil engineering, computer science, information technology and textile technology
branches.
- 3) Amendments made in Regulations -2014, 2015 & 2017.
- 4) Approval of introduction of new courses
 - B.E.(Information Science and Engineering) – 4 years UG programme
 - M.E. (Environmental Engineering) – 2 years PG programme
 - M.Tech. (Data Sciences) - 2 years PG programme
 - M.Tech. (Technology Management) - 2 years PG programme
- 5) Approval of the results for UG / PG programme- Nov / Dec 2017 & Jan 2018 examinations
- 6) Approval of the minutes of the finance committee meeting
- 7) Any other matter with the permission of the Chairman, Academic Council.

Kindly make it convenient to attend the meeting as per schedule.

Thanking you



Yours Truly,

J. Senthil

Dr. J. Senthil
Principal

(Chairman, Academic Council)

To
The members concerned

P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA
Voice : +91 422 266 11 00 Fax : +91 422 266 94 06
info @kct.ac.in



coordinator autonomous <coordinator.autonomous@kct.ac.in>

Kumaraguru College of Technology-15th Academic Council meeting-23rd Feb - 2018 (Fri) -reg

7 messages

coordinator autonomous <coordinator.autonomous@kct.ac.in>

Tue, Feb 13, 2018 at 1:16 PM

To: Hods <hods@kct.ac.in>, head ece <hod.ece@kct.ac.in>, HoD Automobile <hod.auto@kct.ac.in>, head science and humanities <hod.sci@kct.ac.in>, Principal KCT <principal@kct.ac.in>, head mca <hod.mca@kct.ac.in>, vijila@kctbs.ac.in, Giridharan PK <giridharan.pk.mec@kct.ac.in>, RAMPRAKASH k <ramprakash.k.ece@kct.ac.in>, Manivel R <manivel.r.mec@kct.ac.in>, Guhan M <selvan.cm@srmuniv.ac.in>, selvanm@gmail.com, director.et@srmuniv.ac.in, niranjan.p@c-a-m.com, ramesh@janatics.co.in, sudha11@yahoo.com, sudha.rengarajan@intel.com, hariharan.Ganesan@weirgroup.com, meena68@annauniv.edu, Senthilkumar Thamilkolundu <kmtsenthil@gmail.com>, nmuthu@mitindia.edu, coes <coes@kct.ac.in>, "VINOHAR.STEPHENRAPHEAL I" <vinohar.stephenrapheal.bt@kct.ac.in>, marycherian@kctbs.ac.in
Cc: Shankar Vanavarayar <sv@kct.ac.in>

Dear Sir / Madam,

Sub: Kumaraguru College of Technology - 15th Academic Council Meeting on 23rd Feb 2018 (Fri) - reg.

Greetings!

The 15th Academic Council meeting of Kumaraguru College of Technology, Coimbatore-49 has been scheduled on 23rd Feb 2018 (Friday).

Please find enclosed the letter for inviting you to attend the meeting and the agenda for the meeting.

Kindly make it convenient to attend the meeting.

Thanking you,

Yours Truly

Dr. J. Senthil

Principal / Chairman-Academic Council

 **15th Academic Council Meeting Agenda.pdf**
206K

coordinator autonomous <coordinator.autonomous@kct.ac.in>

Tue, Feb 13, 2018 at 1:17 PM

To: VIMAL A <vimal.ea.it@kct.ac.in>, JVP-Coe KCT <jvp.coe@kct.ac.in>

[Quoted text hidden]

 **15th Academic Council Meeting Agenda.pdf**
206K

Ramesh <ramesh@janatics.co.in>

Tue, Feb 13, 2018 at 3:15 PM

To: coordinator autonomous <coordinator.autonomous@kct.ac.in>



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ANNEXURE – II

Enclosed the following copy of the Xerox submitted in the 15th Academic Council Meeting

01. Minutes of the 14th meeting of the Academic Council.

02. Minutes of the 18th meeting of the Standing Committee.



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01. Minutes of the 14th

Academic Council

Meeting



Minutes of the 14th Meeting of Academic Council of the Autonomous Body

The 14th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 15.07.2017 from 11.00 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

- | | |
|-------------------------|---|
| 1. Dr.R.S.Kumar | Chairman-Academic Council / Principal |
| 2. Dr.K.Sundararaj | HOD / AE |
| 3. Prof.C.Vasantharaj | Prof & HOD / AUT |
| 4. Dr. N. Saraswathy | HOD i/c/ BT |
| 5. Dr.J.Premalatha | Prof. & HOD / Civil |
| 6. Dr.P.Devaki | HOD / CSE |
| 7. Dr.Rani Thottungal | Prof. & HOD / EEE |
| 8. Dr.S.A.Pasupathy | Prof. & HOD i/c / ECE |
| 9. Dr.M.Ezhilarasi | Prof. & HOD / EIE |
| 10. Dr.J.Srinivasan | Prof. & HOD / FT |
| 11. Dr.J.Senthil | Prof. & HOD / IT |
| 12. Dr.V.Muthukumaran | Prof. & HOD / ME |
| 13. Dr. R.Venkatesan | Prof. & HOD / MCE |
| 14. Dr.Vijila Kennedy | Director / MBA |
| 15. Dr.V. Geetha | Prof.&HOD / MCA |
| 16. Dr.Bhaarathi Durai | Prof. & HOD / TXT |
| 17. Prof.K.Ramprakash | Prof. i/c of PG / ECE |
| 18. Dr. T.Arunachalam | Prof. & HOD/ S&H |
| 19. Dr.R.Manivel | Prof. Mech. (Prof..i/c. R&D) |
| 20. Dr.P.K.Giridharan | Prof. i/c of PG / Mechanical Engineering |
| 21. Prof.P.Thirumoorthi | Assoc.Prof / EEE Department |
| 22. Prof.T.R.Sukumar | Deputy Controller of Examinations |
| 23. Dr.J.Vijay Prakash | Deputy Controller of Examinations |
| 24. Prof S. Bhaskar | Center for Academic Excellence (Member Secretary) |

Members Nominated by Anna University:

- | | |
|--------------------|---|
| 25. Dr.M.Meenakshi | Professor, Department of Electronics and
Communication Engineering, CEG Campus,
Anna University, Chennai. |
|--------------------|---|

26. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics
Technology (MIT Campus), Anna University
Chennai.

Members nominated by KCT:

27. Mr.R.Ramesh

Executive Director, Janatics India Pvt Limited,
E-25, SIDCO Industrial Estate, Coimbatore.

Student representatives (UG/PG):

28. Ms.Fenitza – Roll no - 14BEI009

UG Student Representative-IV year EIE

29. Mr. Sivasubramani– Roll No-14BME143

UG Student Representative-IV year ME

30. Mr. Sanjay.S - Roll No-14BCS081

UG Student Representative-IV year CSE

31. Ms. Poonguzhali - Roll No-14BTT036

UG Student Representative-IV year TXT

32. Mr. Yukendhar.G.S.- Roll No-14BME177

UG Student Representative-IV year ME

33. Mr. Manish.J - Roll No-14BME206

UG Student Representative-IV year ME

34. Ms. Sreenithi.S – Roll No-16MBA022

PG Student Representative-II year MBA

01. Welcome Address

Dr.R.S.Kumar, Principal, KCT and Chairman – Academic council welcomed the members to the 14th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Prof.T.R.Sukumar, Coordinator Autonomous and were approved by the academic council - refer Annexure I

- a. Minutes of the 13th Academic Council meeting held on 06.08.2016.
- b. Minutes of the Standing Committee meeting held on 14.07.2017.
- c. Newly inducted members to the Academic Council.
- d. Amendments made in Regulation 2014 and Regulation 2015.

03. Amendments – UG/ PG- Regulation 2015

Sl.No	Existing	Amended
1	Eligibility to appear for end semester examinations-overall 80% attendance	Eligibility to appear for end semester examinations-75% attendance in individual courses.
2	CAM Nullification- nullified in the 5 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course	CAM Nullification- nullified in the 4 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course
3	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 8 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 6 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.

04. Approval of Results

Prof. T.R.Sukumar, Deputy Controller of Examinations presented the results for UG/PG Nov/Dec-2016 and April/May-2017 and the same was approved by the academic council - refer Annexure - II

05. Approval of Curriculum & Syllabus for Regulation 2017 UG (BE/BTech) for semester 1 and 2

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 1 and semester 2) and curriculum for sem 3 to sem 8 of Regulation-2017 for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering	semester 1 and semester 2	The academic council granted approval for the curriculum and syllabus (semester 1 and 2) and curriculum (from sem 3 to sem 8) for 13 UG-programmes-refer Annexure-III
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		
5	Computer Science & Engineering		
6	Electrical & Electronics Engineering		
7	Electronics & Communication Engineering		
8	Electronics & Instrumentation Engineering		
9	Fashion Technology		
10	Information Technology		
11	Mechanical Engineering		
12	Mechatronics Engineering		
13	Textile Technology		

06. Approval of MBA-Regulation-2017, Curriculum & Syllabus of R-2017 for semesters 1 to 4

The HoD of MBA presented the Regulation-2017, curriculum and syllabus for MBA –R17 (semester 1 to semester 4):

Sl.No.	Programme	Approval
1.	MBA	The academic council granted approval for the Regulation-2017, curriculum and syllabus (semester 1 to semester 4) for MBA programme of R17-refer Annexure-IV

07. Approval of MCA-Regulation-2017, Curriculum & Syllabus of R-2017 for semesters 1 to 6

The HoD of MCA presented the Regulation -2017, curriculum and syllabus for MCA of R-17 (semester 1 to semester 6):

Sl.No.	Programme	Approval
1.	MCA	The academic council granted approval for the Regulation-2017, curriculum and syllabus (semester 1 and semester 2) and curriculum from sem3 to sem 6 for MCA programme –R17 -refer Annexure-V

08. Any other matter with the permission of the Chair:-

NIL

09. Suggestion by the external members of the Academic Council:-





List attached

10. Vote of Thanks

Prof.T.R.Sukumar, Deputy Controller of Examinations proposed vote of thanks.

Approved by

Signature

Dr.R.S.Kumar	Chairman - Academic Council / Principal	
Nominee of Anna University		
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai.	
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	
Expert Nominated by Governing Body		
Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, Coimbatore	

The meeting came to an end at 4.15 PM.


Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information

07. Suggestions by Anna University nominees and Experts of the KCT Academic Council:-

01. Appreciated the content of the Regulation -2017 as very impressive.
02. The comprehensive examinations under R-2017 can include additional contact hours / tutorial hours and may be shown in the time table. Two tests can be conducted for comprehensive examinations course (like GATE exam Paper I and Paper II) for 3 credits.
03. A bench marking methodology may be adopted to distinguish internship and project work.
04. Question paper pattern need to be suggested for end semester exam to facilitate course mapping as per OBE.
05. Elective list is too long. Number of electives may be decided based on the expertise available to handle the electives.
06. Quality of project done in the industry is to be in high order.
07. All Open Elective uniform 3 credits.
08. Out of 3 open elective 2 should be technical and 1 may be from life skills / Humanities. Option exercised by student.
09. Any online certificate courses (Like., NPTEL) should have a end semester examinations for 100 marks.
10. Process, assessment and validation is needed for vital non credit courses.
11. No rescaling for end semester marks for re-test. Proper assessment methodology may be framed for students (genuine cases) requesting for re-test. And also there should be a cap for maximum marks awarded. For institutional representation 15 marks and Medical Cases 7.5 marks may be awarded after proper assessment.
12. The process and assessment of the summer track should be in tune with regular track without any deviation.
13. The member appreciated the methodology followed for implementing the course "Internet of Things" in the curriculum.
14. A committee can be formed along with external members to decide about the credit transfer from Foreign Universities / National Institutions.
15. Latest trends including Nano – Technology can be offered.
16. Expertise of faculty to be ensured for professional Electives.
17. For End Semester Examination 100% Internal QP setting is approved with external member scrutiny.
18. The curriculum is to be inspirational.



Coordinator Autonomous




Principal / Chairman Academic Council



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02. Minutes of the 18th meeting of the Standing Committee



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Office of the Coordinator Autonomous

KCT/COE/G-SCM/114/2017-2018

Date: 21.02.2018

Minutes of the meeting of 18th Standing Committee of the Academic Council

A meeting of the 18th Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore, was held on Wednesday, 21st Feb 2018 at 2.30 pm in the 'B' Block Conference Hall.

The following members were present for the meeting.

Dr. J. Senthil	Principal
Dr. J. Premalatha	HOD / CE.
Dr.V.Muthukumaran	HOD / ME.
Dr.R.Venkatesan	HOD/MCE
Dr.S.A.Pasupathy	HOD / ECE
Dr.K.Sundararaj	HOD / Aero
Dr. John Alexis	HOD / Auto
Dr.M.Ezhilarasi	HOD / EIE
Dr.Rani Thottungal	HOD / EEE
Dr. J. Cynthia	HOD / CSE.
Dr. V. Vanitha	HOD / IT
Dr.Bhaarathi Dhurai	HOD / TXT.
Dr.J.Srinivasan	HOD / FT.
Dr.N.Saraswathy	HOD/ BT
Dr.V. Geetha	HOD / MCA.
Prof.K.Ramprakash	Prof i/c PG /Dept of ECE
Dr.P.K.Giridharan	Prof i/c PG /Dept of ME
Dr.P.Devaki	HOD/S&H
Dr. Mary Cherian	Prof & Head, Academic Operations, DoA
Dr.Vinohar Stephen Rapheal	Head, Innovation and Planning, DoA
Dr.J.Vijay Prakash	Deputy Controller of Examinations
Dr. E. A. Vimal	Deputy Controller of Examinations

The following points were discussed in the meeting:

01. Dr. J. Senthil, Principal presented the introduction of four new courses (1UG and 3PG) from the academic year 2018-2019 onwards.
- 02 HoD /CSE has presented Regulation, curriculum & syllabus of a new course B.E. (Information Science and Engineering) – 4 years UG Programme - Regulations 2018, curriculum for Sem 1 to Sem 8 and Syllabus for sem 1 and Sem 2 for first year.
- 03 HoD/CE has presented Regulation, curriculum & syllabus of a new course M.E. (Environmental Engineering) – 2 years PG Programme - Regulations 2018, curriculum and Syllabus for Sem 1 to Sem 4.
04. HoD/IT has presented Regulation, curriculum & syllabus of a new course M.Tech.(Data Sciences) – 2 years PG Programme - Regulations 2018, curriculum and Syllabus for Sem 1 to Sem 4
05. HoD/TT has presented Regulation, curriculum & syllabus of a new course M.Tech.(Technology Management) – 2 years PG Programme - Regulations 2018, curriculum and Syllabus for Sem 1 to Sem 4
06. HoDs (IT&TT) have presented the UG curriculum & syllabus of 3 to 8 semester of R-2017
07. HoD (CSE) has presented the UG curriculum & syllabus of 3 and 4 semester of R-2017
08. Amendments made in Regulation-2014 & 2015 presented in the meeting.

The committee approved all the above points.

The meeting ended at 5.00pm.


Chairman, Academic Council / Principal

To
All the members concerned

Copy submitted to the Chairman, for kind information
Copy submitted to the Correspondent, for kind information
Copy submitted to Joint Correspondent for kind information


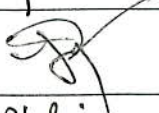
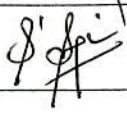



Date: 21.02.2018

Time : 2.30 PM to 4.40 PM

18th Standing Committee Meeting - Venue B Block Conference Room

S.N	Name	Dept/Designation	Signature
1	Dr.J.Senthil	Principal	J. Senthil
2	Dr.M.Ezhilarasi	HoD – E&I	M. Ezhilarasi
3	Dr.K.Sundararaj	HoD - Aero	K. Sundararaj
4	Dr.N.Saraswathy	HoD – BT	N. Saraswathy
	Dr.J.Premalatha	HoD –Civil	J. Premalatha
6	Dr.P.Devaki	HoD – S&H	P. Devaki
7	Prof. K. Ram Prakash	HOD-PG-ECE	K. Ram Prakash
8	Dr. S.A.Pasupathy	HOD-UG-ECE	S. A. Pasupathy
9	Dr.Rani Thottungal	HoD-EEE	R. Thottungal
10	Dr.V.Vanitha	HoD - IT	V. Vanitha
11	Dr.J.Srinivasan	HoD – FT	J. Srinivasan
12	Dr. P. K. Giridharan	HOD – PG- Mech	P. K. Giridharan
13	Dr.V.Muthukumar	HoD – UG - Mech	V. Muthukumar
14	Dr. R. Venkatesan	HOD – MCE	R. Venkatesan
15	Dr.V.Geetha	HoD – MCA	V. Geetha
16	Dr. S. John Alexis	HOD –Auto	S. John Alexis
17	Dr.Bhaarathi Dhurai	HoD – Textiles	B. Dhurai
18	Dr. J. Cynthia	HOD – CSE	J. Cynthia
19	Mr. V. Vijilesh	OSA	V. Vijilesh

20	Mr.Mhuthukkumar	Office Admin	
21	Prof. S. Bhaskar	CAE	
22	Mr. K.S. Lakshmanan	AAD	
23	Dr.E.A.Vimal	DCOE	
24	Dr. J. Vijay Prakash	DCOE	
25	Dr.S.Sreejana	AP – S & H (English)	
26	Dr. V.R.Nedunchezian	Prof - MBA	
27	Ms.ValliKala	Student Counselor	
28	Dr.A.Nirmal Kumar	Prof / EEE	
29	Dr. R. Manivel	Prof / ME	
30	Prof.C.Vasantharaj	Director - IRI	
30	<i>Dr. A. Nirmala</i>	<i>AP - IN, EEE</i>	
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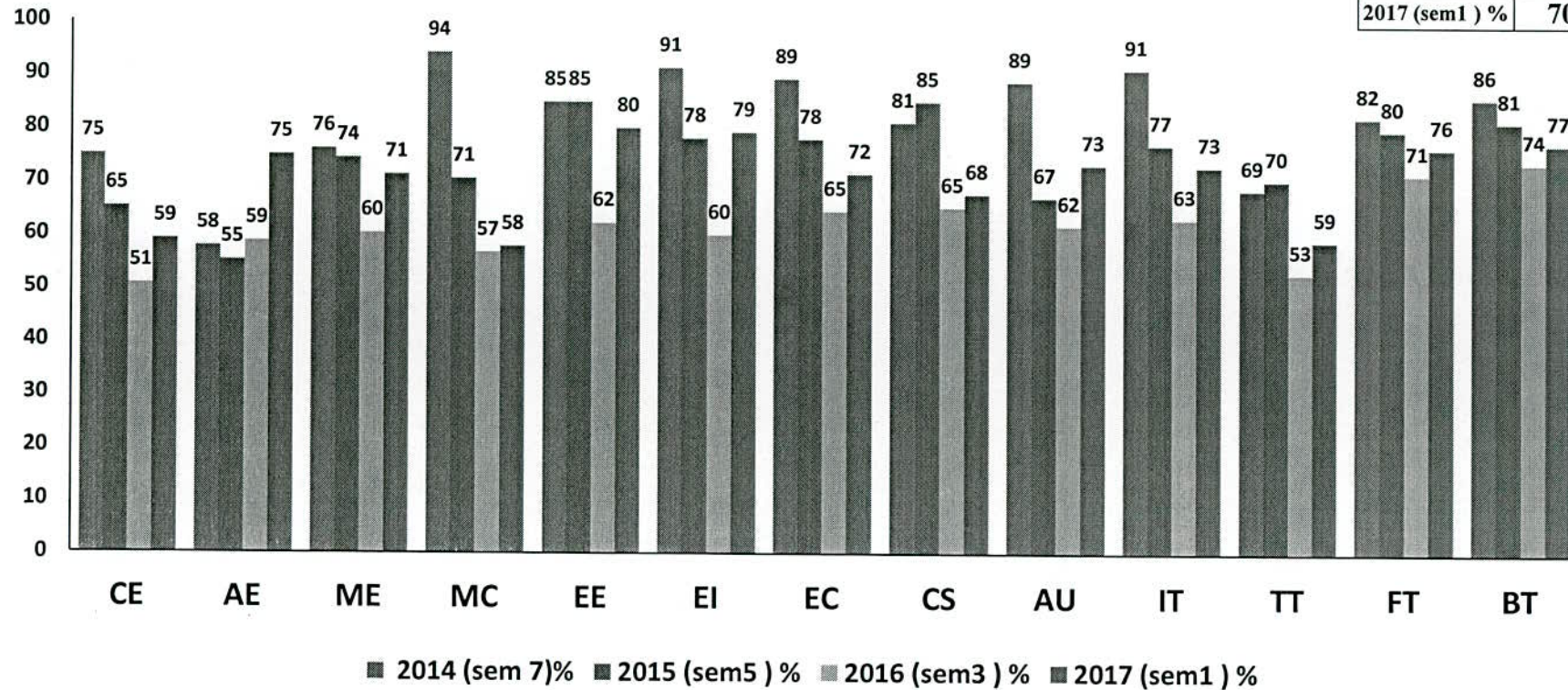
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ANNEXURE – III

COPY OF THE POWER POINT PRESENTATION.

**OVERALL BRANCHWISE RESULT PERFORMANCE (ALL B.E / B.TECH PROGRAMME)
DEC 2017 / JAN 2018 EXAMINATIONS**

OVERALL PASS %	
2014 (sem 7)%	82
2015 (sem5) %	74
2016 (sem3) %	61
2017 (sem1) %	70

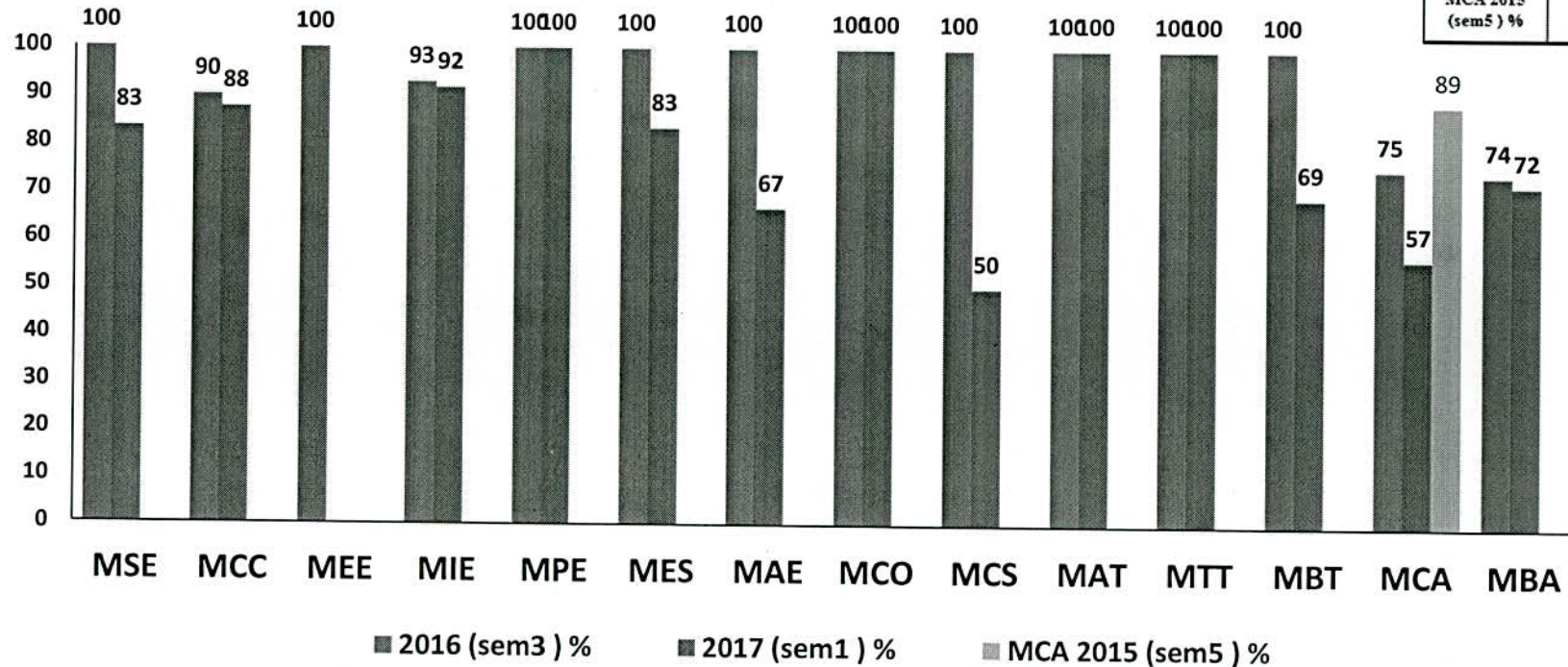


CE	B.E. CIVIL ENGINEERING	CS	B.E. COMPUTER SCIENCE AND ENGINEERING
AE	B.E. AERONAUTICAL ENGINEERING	AU	B.E. AUTOMOBILE ENGINEERING
ME	B.E. MECHANICAL ENGINEERING	IT	B.TECH. INFORMATION TECHNOLOGY
MC	B.E. MECHATRONICS ENGINEERING	TT	B.TECH. TEXTILE TECHNOLOGY
EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	FT	B.TECH. FASHION TECHNOLOGY
EI	B.E. ELECTRONICS AND INSTRUMENTATION ENGINEERING	BT	B.TECH. BIO TECHNOLOGY
EC	B.E. ELECTRONICS AND COMMUNICATION ENGINEERING		

OVERALL BRANCHWISE RESULT PERFORMANCE (ALL M.E / M.TECH / MCA / MBA DEGREE PROGRAMME)

DEC 2017 / JAN 2018 EXAMINATIONS

OVERALL PASS %	
2016 (sem3) %	82
2017 (sem1) %	74
MCA 2015 (sem5) %	89



MSE	STRUCTURAL ENGINEERING	MCS	COMPUTER SCIENCE AND ENGINEERING
MCC	CAD CAD	MAT	APPAREL TECHNOLOGY
MEE	ENERGY ENGINEERING	MTT	TEXTILE TECHNOLOGY
MIE	INDUSTRIAL ENGINEERING	MBT	BIO TECHNOLOGY
MPE	POWER ELECTRONICS AND DRIVES	MCA	MASTER OF COMPUTER APPLICATIONS
MES	EMBEDDED SYSTEM TECHNOLOGIES	MBA	MASTER OF BUSINESS ADMINISTRATION
MAE	APPLIED ELECTRONICS		
MCO	COMMUNICATION SYSTEMS		

KUMARAGURU COLLEGE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Regulation 2018 - Curriculum
B.E Information Science and Engineering

Semester I									
S.No	Course Code	Course Title	Course Mode	CT	L	T	P	J	C
1		Calculus and Linear Algebra	Embedded - Theory & Lab	BS	3	0	2	0	4
2		English for Cognizance	Embedded - Theory & Lab	HS	1	0	2	0	2
3		Semiconductor Physics	Embedded - Theory & Lab	BS	3	0	2	0	4
4	U18ISI1201	Problem Solving and Programming - I	Embedded - Theory & Lab	ES	2	0	4	0	4
5		Basic Electrical and Electronics Engineering	Theory	ES	3	0	0	0	3
6		Environmental Science	Theory	MC	2	0	0	0	0
7		Personal Values	Lab	HS	0	0	2	0	1
Total Credits									18
Total Contact Hours/week									24

Semester II									
S.No	Course Code	Course Title	Course Mode	CT	L	T	P	J	C
1		Probability and Statistics	Theory	BS	3	1	0	0	4
2		Language Elective	Embedded - Theory & Lab	HS	1	0	2	0	2
3		Computational Biology	Embedded - Theory & Lab	BS	1	0	2	0	2
4		Basic Engineering Laboratory/Engineering Practices Laboratory	Embedded - Theory & Lab	ES	1	0	2	0	2
5	U18ISI2201	Problem Solving and Programming - II	Embedded - Theory & Lab	ES	2	0	4	0	4
6		CAD/Graphics Lab	Lab	ES	0	0	4	0	2
7	U18ISP2302	Computer Hardware Lab	Lab	ES	0	0	2	0	1
8		eRIDE - Social Immersion Project	Lab	EEC	0	0	0	2	2
		Human Excellence-Inter Personal values	Lab	HS	0	0	2	0	1
Total Credits									20.0
Total Contact Hours/week									27

Semester III									
S.No		Course Title	Course Mode	CT	L	T	P	J	C
1		Discrete Mathematics	Theory	BS	3	1	0	0	4
2	U18ISI3201	Data Structures and Algorithms	Embedded - Theory & Lab	PC	3	0	2	0	4
3	U18ISI3202	Object Oriented Programming	Embedded - Theory & Lab	PC	2	0	4	0	4
4	U18ISI3203	Digital and Microprocessor Systems	Embedded - Theory & Lab	ES	3	0	2	0	4
5	U18ISP3304	Data Base Management Systems	Project based course	PC	2	0	0	2	3
6		e-RIDE Elective-I	Self Study	EEC	0	0	0	0	1
7		Human Excellence-Family Values	Lab	HS	0	0	2	0	1
Total Credits									21
Total Contact Hours/week									24

Semester IV									
S.No		Course Title	Course Mode	CT	L	T	P	J	C
1	U18ISI4201	Data Analytics	Embedded - Theory & Lab	PC	2	0	2	0	3
2	U18IST4002	Advanced Database Management Systems	Theory	PC	3	0	0	0	3
3	U18ISI4203	Operating Systems	Embedded - Theory & Lab	PC	3	0	2	0	4
4	U18IST4004	Theory of Computation	Theory	PC	2	1	0	0	3
5	U18IST4005	Computer Architecture	Theory	PC	3	0	0	0	3
6	U18ISP4306	Software Engineering	Project based course	PC	2	0	0	2	3
7		e-RIDE Elective-II	Self study	EEC	0	0	0	0	1
8		Human Excellence-Professional Values	Lab	HS	0	0	2	0	1
Total Credits									21
Total Contact Hours/week									22

Semester V									
S.No		Course Title	Course Mode	CT	L	T	P	J	C
1	U18ISI5201	Computer Networks	Embedded - Theory & Lab	PC	3	0	2	0	4
2	U18IST5002	Statistical Machine Learning	Theory	PC	3	0	0	0	3
3	U18IST5003	Information Theory, Security & Privacy Models	Theory	PC	3	0	0	0	3
4	U18ISP5304	Big Data Technologies	Project based course	PC	2	0	0	2	3
5		Programme Elective I	Theory	PE	3	0	0	0	3
6		Open Elective I	Theory	OE	3	0	0	0	3
7		Indian Constitution	Man	MC	2	0	0	0	0
8		e-RIDE Elective-III	Self study	EEC	0	0	0	0	1
9		Human Excellence-Social Values	Lab	HS	0	0	2	0	0
Total Credits									20
Total Contact Hours/week									23

Semester VI									
S.No		Course Title	Course Mode	CT	L	T	P	J	C
1	U18ISI6201	Artificial Intelligence and Knowledge Representation	Embedded - Theory & Lab	PC	2	0	2	0	3
2	U18ISI6202	Internet of Things	Embedded - Theory & Lab	PC	2	0	2	0	3
3	U18ISP6303	Data Visualization and Analytics	Project based course	PC	2	0	0	2	3
4		Language Lab	Lab	HS	0	0	2	0	1
5		Programme Elective II	Theory	PE	3	0	0	0	3
6		Open Elective II	Theory	OE	3	0	0	0	3
7		e-RIDE Elective-IV	Self study	EEC	3	0	0	0	3
8		Human Excellence-National Values	Lab	HS	0	0	2	0	0
Total Credits									19
Total Contact Hours/week									23

Semester VII									
S.No		Course Title	Course Mode	CT	L	T	P	J	C
1	U18ISI7201	Cloud Computing	Embedded - Theory & Lab	PC	2	0	2	0	3
2		Total Quality Management	Theory	HS	3	0	0	0	3
3		Open Elective III	Theory	OE	3	0	0	0	3
4		Programme Elective III	Theory	PE	3	0	0	0	3
5		Programme Elective IV	Theory	PE	3	0	0	0	3
6		e-RIDE Elective-IV	Self study	EEC	0	0	0	0	1
7		Human Excellence-Global Values	Lab	HS	0	0	2	0	0
8		Solution Engineering (Project phase1)	Project only course	PW	0	0	0	4	2
Total Credits									18
Total Contact Hours/week									20

Semester VIII									
S.No		Course Title	Course Mode	CT	L	T	P	J	C
1		Programme Elective V	Theory	PE	3	0	0	0	3
2		Programme Elective VI	Theory	PE	3	0	0	0	3
3		Project	Project only Course	PW	0	0	0	20	10
Total Credits									16
Total Contact Hours/week									26

Total Credits									153.0
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Programme Elective									
S.No	Course Code	Course Title	Course Mode	CT	L	T	P	J	C
1.	U18ISE0001	Financial & Business Analytics	Theory	PE	3	0	0	0	3
2.	U18ISE0002	Advanced Data Analytics	Theory	PE	3	0	0	0	3
3.	U18ISE0003	Applied Machine Learning Techniques	Theory	PE	3	0	0	0	3
4.	U18ISE0004	Predictive Data Analytics	Theory	PE	3	0	0	0	3
5.	U18ISE0005	Computational Modelling	Theory	PE	3	0	0	0	3
6.	U18ISE0006	Spatial Data Analytics	Theory	PE	3	0	0	0	3
7.	U18ISE0007	Text Analytics	Theory	PE	3	0	0	0	3
8.	U18ISE0008	Graph and Social Analytics	Theory	PE	3	0	0	0	3
9.	U18ISE0009	Deep Learning for Computer Vision, Speech, and Language	Theory	PE	3	0	0	0	3
10.	U18ISE0010	Internet Technologies	Theory	PE	3	0	0	0	3
11.	U18ISE0011	Information Retrieval	Theory	PE	3	0	0	0	3
12.	U18ISE0012	Services Oriented Architecture	Theory	PE	3	0	0	0	3
13.	U18ISE0013	Cognitive Computing	Theory	PE	3	0	0	0	3
14.	U18ISE0014	Software Design Pattern	Theory	PE	3	0	0	0	3
15.	U18ISE0015	Information Security	Theory	PE	3	0	0	0	3

**KUMARAGURU COLLEGE OF TECHNOLOGY,
COIMBATORE – 641 049**

REGULATIONS 2018

CURRICULUM

M.Tech (DATA SCIENCE)



I - IV Semesters

Department of Information Technology

Vision

The Department of Information Technology aspires to transform individuals in pursuit of lifetime learning and service into highly motivated professionals through Educational, Cultural and Professional opportunities.

Mission

- ❖ To provide academic programs that engage, enlighten and empower the students to learn technology through practice, service and outreach
- ❖ To educate the students about social responsibilities and entrepreneurship
- ❖ To encourage research through continuous improvement in infrastructure, curriculum and faculty development in collaboration with industry and institutions

PROGRAM EDUCATIONAL OUTCOMES:

- PEO1:** Graduates of the program will be employed in industry, government and entrepreneurial endeavours to have a successful professional career.
- PEO2:** Graduates of the program will pursue higher education and /or research.
- PEO3:** Graduates of the program utilize the acquired technical skills and knowledge for the benefit of society.

PROGRAM OUTCOMES

- PO1:** Recognize the theoretical foundations and the limits of computing
- PO2:** Adapt existing models, techniques, algorithms, data structures, etc. for efficiently solving problems.
- PO3:** Design, develop and evaluate new computer based systems for novel applications which meet the desired needs of industry and society.
- PO4:** Use advanced computing techniques and tools.
- PO5:** Undertake original research at the cutting edge of IT & its related areas.
- PO6:** Function effectively as individual or a part of a team to accomplish a stated goal.
- PO7:** Understand the professional and ethical responsibility.
- PO8:** Communicate effectively with a wide range of audience.
- PO9:** Learn independently and engage in life-long learning.
- PO10:** Understand the impact of IT related solutions in economic, social and environment context.

KUMARAGURU COLLEGE OF TECHNOLOGY

COIMBATORE – 641 049

REGULATIONS 2018

M.Tech (DATA SCIENCE)

CURRICULUM

SEMESTER-I

Course Code	Course Title	Course Mode	L	T	P	J	C
P18ITI1201	Mathematics for Data Science	Theory	3	0	2	0	4
P18ITT1002	Advanced Algorithms	Theory	3	0	0	0	3
P18ITI1203	Data Mining Techniques	Embedded	3	0	4	0	5
P18ITI1204	Data science and Analytics with Python	Embedded	3	0	4	0	5
P18ITT1---	Program Elective I	Theory	3	0	0	0	3
P18ITT----	Audit course I	Theory	2	0	0	0	0
Total Credits							20
Total Hours per week							26

SEMESTER-II

Course Code	Course Title	Course Mode	L	T	P	J	C
P18ITT2005	Machine Learning	Theory	3	0	0	0	3
P18ITT2006	Research Methodology and IPR	Theory	2	0	0	0	2
P18ITI2207	Big Data Technologies	Embedded	3	0	4	0	5
P18ITI23--	Program Elective II	Embedded	3	0	0	4	5
P18ITT20--	Program Elective III	Theory	3	0	0	0	3
P18ITT----	Audit course II	Theory	2	0	0	0	0
Total Credits							18
Total Hours per week							24

SEMESTER-III

Course Code	Course Title	Course Type	L	T	P	J	C
P18ITT30--	Program Elective IV	Theory	3	0	0	0	3
P18ITT30--	Program Elective V	Theory	3	0	0	0	3
P18ITO3008	Interdisciplinary elective courses (Student can take elective from other programs/Open elective/Self study)	Theory	3	0	0	0	3
P18ITP3709	Project Phase I / Industry Project	Project	0	0	12	0	6
Total Credits							15
Total Hours per week							21

SEMESTER-IV

Course Code	Course Title	Course Type	L	T	P	J	C
P18ITP4710	Project Phase II	Project	0	0	32	0	16
Total Credits							16
Total Hours per week							32

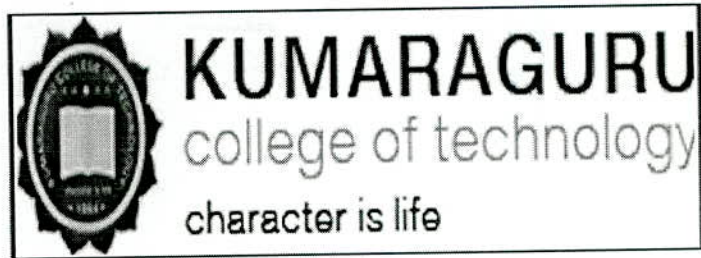
Grand Total Credits: 69

ELECTIVES

Code No.	Course Title	Course Type	L	T	P	J	C
PROGRAM ELECTIVE I							
P18ITT1011	Advanced Database Technologies	Theory	3	0	0	0	3
P18ITT1012	Recommender System	Theory	3	0	0	0	3
P18ITT1013	Artificial Intelligence	Theory	3	0	0	0	3
PROGRAM ELECTIVE II							
P18ITI2314	Data Visualization	Embedded	3	0	0	4	5
P18ITI2315	Streaming Analytics	Embedded	3	0	0	4	5
P18ITI2316	Deep learning	Embedded	3	0	0	4	5
PROGRAM ELECTIVE III							
P18ITT2017	Natural Language Processing	Theory	3	0	0	0	3
P18ITT2018	Text Mining	Theory	3	0	0	0	3
P18ITT2019	IoT for Data Science	Theory	3	0	0	0	3
PROGRAM ELECTIVE IV							
P18ITT3020	Cloud computing	Theory	3	0	0	0	3
P18ITT3021	Big Data Security	Theory	3	0	0	0	3
PROGRAM ELECTIVE V							
P18ITT3022	Reinforcement learning	Theory	3	0	0	0	3
P18ITT3023	Social Media Analytics	Theory	3	0	0	0	3

AUDIT COURSES

Course Title	Course Type	L	T	P	J	C
English for Research Paper Writing	Theory	2	0	0	0	0
Value Education	Theory	2	0	0	0	0
Constitution of India	Theory	2	0	0	0	0
Pedagogy Studies	Theory	2	0	0	0	0
Stress Management by Yoga	Theory	2	0	0	0	0



M.TECH –MASTER OF TECHNOLOGY MANAGEMENT

15th BOARD OF STUDIES MEETING

Department of Textile Technology

DATE: 8-2-2018

Program Educational Objectives:

1. Graduates will be professionals, who would evaluate, deploy and manage technology in organizations
2. Graduates will be mid to higher level management professionals with responsibilities in engineering management, data analysis, information technology, business operations, textile production, or health care management
3. Graduates will be professionals in leading research and development operations in technical enterprises
4. Graduates would function as educators or researchers in academic institutions

Program Outcomes:

Upon completion of M.Tech (Technology Management) program, the student will be able to:

1. Apply skills and competencies in technology and management and manage engineering and business organizations
2. Work with interdisciplinary teams involving engineers, managers and technical professionals
3. Work as technical or managerial professionals in specialized areas such as data analysis, engineering management, information technology,

business operations, textile or apparel production operations or
healthcare management

4. Take the lead in establishing complex engineering systems, managing research and development operations or undertaking major management projects for industry
5. Undertake teaching, higher studies or research in India or overseas.

CURRICULAM AND SYLLABUS

SEMESTER I											
Sl No.	Course code	Course name	Credits				Contact Hours per week	Marks		Total	Exam duration in hrs.
			L	T	P	Total		CAM	ESE		
1		Mathematics and Statistical Concepts	2	1	-	3	3	50	50	100	3
2		Business Operations and Strategy	2	1	-	3	3	50	50	100	3
3		Engineering Economics	2	1	-	3	3	50	50	100	3
4		Professional Elective - 1	2	1	-	3	3	50	50	100	3
5		Professional Elective - 2	2	1	-	3	3	50	50	100	3
6		Open Elective - 1	2	1	-	3	3	50	50	100	3
Total						18	18			600	
SEMESTER II											
Sl No.	Course code	Course name	Credits				Contact Hours per week	Marks		Total	Exam duration in hrs.
			L	T	P	Total		CAM	ESE		
1		Concepts in Business Analytics	2	1	-	3	3	50	50	100	3
2		Concepts in Technology Management	2	1	-	3	3	50	50	100	3
3		Project Management	2	1	-	3	3	50	50	100	3
4		Professional Elective - 3	2	1	-	3	3	50	50	100	3
5		Open Elective - 2	2	1	-	3	3	50	50	100	3
6		Open Elective - 3	2	1	-	3	3	50	50	100	3
Total						18	18			600	

SUMMER INTERNSHIP											
Sl No.	Course code	Course name	Credits				Contact Hours per week	Marks		Total	Exam duration in hrs.
			L	T	P	Total		CAM	ESE		
1		Capstone / KCT – CBE Internship	0	0	12	6	3	100	-	100	-
Total Credits						6	3			100	

SEMESTER III											
Sl No.	Course code	Course name	Credits				Contact Hours per week	Marks		Total	Exam duration in hrs.
			L	T	P	Total		CAM	ESE		
1		Capstone: Industry / International Internship - 1	0	0	24	12	3	100	-	100	-
Total Credits						12	3			100	

SEMESTER IV											
Sl No.	Course code	Course name	Credits				Contact Hours per week	Marks		Total	Exam duration in hrs.
			L	T	P	Total		CAM	ESE		
1		Capstone: Industry / International Internship - 1	0	0	24	12	3	100	100	200	3
Total Credits						12	3			200	

PROFESSIONAL ELECTIVES/CONCENTRAION

1.TextileTechnology		
Course Code	Course	Credits
	Management of Textile Production	3 credits
	Apparel Production	3 credits
	Apparel Technology Management	3 credits

2.Business Management		
Course Code	Course	Credits
	Human Capital Management	3 credits
	Materials Management	3 credits
	Engineering Finance	3 credits

3.Data Analytics		
Course Code	Course	Credits
	Programming for Data Analysis	3 credits
	Machine Learning and Applications	3 credits
	Data and Visual Analytics	3 credits

4.Engineering Management		
Course Code	Course	credits
	Manufacturing Enterprise	3 credits
	Quality Management	3 credits
	Supply Chain Management	3 credits

5.Information Technology		
Course Code	Course	credits
	Advanced Concepts in Cloud computing	3 credits
	Concepts in Cyber Security	3 credits
	Projects in Software Engineering	3 credits

Group 6: Health Informatics and Management		credits
Group Courses		
	Healthcare Systems	3 credits
	Health Informatics	3 credits
	Advanced Health Systems Management	3 credits

CREDIT DISTRIBUTION

NORMS

Proposed

SEMESTER	CREDITS
Professional core	18
Professional Electives	9
Open electives	9
Summer internship	06
Internship	12
Project	12
TOTAL	66

Category of courses	Credit %	Credits
Professional core	50-55%	30-33
Professional electives	10-15%	6-9
Open electives	10%	6
Project work/ Prototyping/ Study abroad	25%	15
Total		60 credits

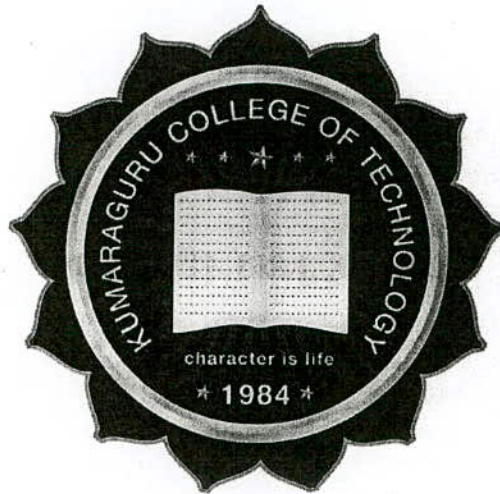
KUMARAGURU COLLEGE OF TECHNOLOGY

COIMBATORE – 641 049

REGULATION 2018

CURRICULUM & SYLLABI

M.E. ENVIRONMENTAL ENGINEERING



I TO IV SEMESTER

DEPARTMENT OF CIVIL ENGINEERING

KUMARAGURU COLLEGE OF TECHNOLOGY

COIMBATORE – 641 049

REGULATION 2018

M.E. ENVIRONMENTAL ENGINEERING

CURRICULUM

(I TO IV SEMESTER)

Model Curriculum for M.E (Civil) – Specialization in Environmental Engineering						
Semester – I						
Sr.No.	Course type/Code	Course name	Teaching Scheme			Credits
			Th	Tuto	Lab	
1	Core 1/ P18EET101	Statistical Methods for Environmental Engineers	3	0	0	3
2	Core 2/ P18EET102	Environmental Chemistry & Microbiology	3	0	0	3
3	Program Elective – I	Elective – I 1. Transport of Water and Wastewater 2. Urban and rural sanitation 3. Environmental Policies and Legislations 4. Environmental Toxicology and Health	3	0	0	3
4	Program Elective – II	Elective – II 1. Surface Water Quality Modeling & Control 2. Environmental Analysis: Techniques and instrumentation 3. Environmental Impact Assessment 4. Sustainable Engineering Concepts and Life cycle Analysis	3	0	0	3
5	Core Lab I/ P18EEP111	Environmental Chemistry & microbiology laboratory	0	0	2	1
6	Core Lab II/ P18EEP112	Unit operations Laboratory	0	0	2	1
7	MLC	Research Methodology and IPR	2	0	0	2
8	Audit I	Audit course	2	0	0	2
		Total	16	0	4	18

Semester – II						
Sr.No.	Course type/Code	Course name	Teaching Scheme			Credits
			Th	Tuto	Lab	
1	Core III/ P18EET201	Biological treatment of wastewater	3	0	0	3
2	Core IV/ P18EET202	Air and Noise Pollution Control	3	0	0	3
3	Program Elective – III	<u>Elective – III</u> 1. Environmental systems modeling 2. Industrial Wastewater treatment 3. Ecology and Environmental quality management 4. Waste to energy conversion	3	0	0	3
4	Program Elective – IV	<u>Elective – IV</u> 1. Remote sensing and GIS for environmental planning and management 2. Geoenvironmental Engineering 3. Advanced wastewater treatment techniques 4. Occupational Health and safety 5. Environmental Engineering structures	3	0	0	3
5	Core Lab III/ P18EEP211	Soft Computing & modeling lab	0	0	2	1
6	Core Lab IV/ P18EEP212	Laboratory quality analysis of Air and Noise pollution	0	0	2	1
7	Core / P18EEP221	Mini Project	0	0	4	2
8	Audit 2	Audit course – 2	2	0	0	2
Total			14	0	8	18
Semester – III						
Sr.No.	Course type/Code	Course name	Teaching Scheme			Credits
			Th	Tuto	Lab	
1	Program Elective – V	<u>Elective – V</u> 1. Cleaner Production and Environmental Auditing 2. Groundwater Flow & Contaminant Transport 3. Solid and Hazardous waste management. 4. Membrane technologies for	3	0	0	3

		water and wastewater Treatment				
2	Open Elective	<u>Open Elective</u> 1. Climate change and adaptation 2. Renewable energy 3. Big data analysis 4. Introduction to soft computing	3	0	0	3
3		Industrial training/Internship – 2 weeks (end of II semester holidays)	-	-	-	1
	Dissertation/P18EEP321	Dissertation – I	0	0	20	10
		Total	6	0	0	17
Semester – IV						
Sr.No.	Course type/Code	Course name	Teaching Scheme			Credits
			Th	Tuto	Lab	
1	Dissertation/P18EEP321	Dissertation – II	0	0	32	16
		Total	--	--	--	16

Total credits = (18+ 18+17+16) = 69

LIST OF PROFESSIONAL ELECTIVES

COURSE CODE	COURSE NAME
ELECTIVE - I	
P18EEE111	Transport of water and waste water
P18EEE112	Urban and Rural Sanitation
P18EEE113	Environmental Policies and Legislations
P18EEE114	Environmental Toxicology and Health
ELECTIVE - II	
P18EEE115	Surface Water Quality Modeling & Control
P18EEE116	Environmental Analysis: Techniques and instrumentation
P18EEE117	Environmental Impact Assessment
P18EEE118	Sustainable Engineering Concepts And Life Cycle Analysis
ELECTIVE - III	
P18EEE211	Environmental systems modeling
P18EEE212	Industrial Wastewater treatment
P18EEE213	Ecology and Environmental quality management
P18EEE214	Waste to Energy Conversion
ELECTIVE - IV	
P18EEE215	Remote sensing and GIS for environmental planning and management
P18EEE216	Geo-Environmental Engineering
P18EEE217	Advanced wastewater treatment techniques
P18EEE218	Occupational Health and safety
P18EEE219	Environmental Engineering structures
ELECTIVE - V	
P18EEE311	Cleaner Production and Environmental Auditing
P18EEE312	Groundwater Flow & Contaminant Transport through
P18EEE313	Solid and Hazardous waste management
P18EEE314	Membrane Technologies for water and wastewater treatment
OPEN ELECTIVE	
P18EEE315	Climate change and adaptation
P18EEE316	Renewable energy
P18EEE317	Big Data Technologies
P18EEE318	Introduction to Soft Computing

Audit course 1 & 2

1. English for research paper writing
2. Disaster management
3. Sanskrit for Technical knowledge
4. Value addition
5. Constitution of India
6. Pedagogy studies
7. Stress Management by Yoga
8. Personality Development through Life Enlightenment skills



KUMARAGURU
college of technology
character is life

14th Academic Council Meeting Minutes



Minutes of the 14th Meeting of Academic Council of the Autonomous Body

The 14th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 15.07.2017 from 11.00 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

- | | |
|-------------------------|---|
| 1. Dr.R.S.Kumar | Chairman-Academic Council / Principal |
| 2. Dr.K.Sundararaj | HOD / AE |
| 3. Prof.C.Vasantharaj | Prof & HOD / AUT |
| 4. Dr. N. Saraswathy | HOD i/c/ BT |
| 5. Dr.J.Premalatha | Prof. & HOD / Civil |
| 6. Dr.P.Devaki | HOD / CSE |
| 7. Dr.Rani Thottungal | Prof. & HOD / EEE |
| 8. Dr.S.A.Pasupathy | Prof. & HOD i/c / ECE |
| 9. Dr.M.Ezhilarasi | Prof. & HOD / EIE |
| 10. Dr.J.Srinivasan | Prof. & HOD / FT |
| 11. Dr.J.Senthil | Prof. & HOD / IT |
| 12. Dr.V.Muthukumaran | Prof. & HOD / ME |
| 13. Dr. R. Venkatesan | Prof. & HOD / MCE |
| 14. Dr.Vijila Kennedy | Director / MBA |
| 15. Dr. V. Geetha | Prof.&HOD / MCA |
| 16. Dr.Bhaarathi Durai | Prof. & HOD / TXT |
| 17. Prof.K.Ramprakash | Prof. i/c of PG / ECE |
| 18. Dr. T.Arunachalam | Prof. & HOD/ S&H |
| 19. Dr.R.Manivel | Prof. Mech. (Prof..i/c. R&D) |
| 20. Dr.P.K.Giridharan | Prof. i/c of PG / Mechanical Engineering |
| 21. Prof.P.Thirumoorthi | Assoc.Prof / EEE Department |
| 22. Prof.T.R.Sukumar | Deputy Controller of Examinations |
| 23. Dr.J.Vijay Prakash | Deputy Controller of Examinations |
| 24. Prof S. Bhaskar | Center for Academic Excellence (Member Secretary) |

Members Nominated by Anna University:

- | | |
|--------------------|---|
| 25. Dr.M.Meenakshi | Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai. |
|--------------------|---|

26. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics
Technology (MIT Campus), Anna University
Chennai.

Members nominated by KCT:

27. Mr.R.Ramesh

Executive Director, Janatics India Pvt Limited,
E-25, SIDCO Industrial Estate, Coimbatore.

Student representatives (UG/PG):

28. Ms.Fenitza – Roll no - 14BEI009

UG Student Representative-IV year EIE

29. Mr. Sivasubramani– Roll No-14BME143

UG Student Representative-IV year ME

30. Mr. Sanjay.S - Roll No-14BCS081

UG Student Representative-IV year CSE

31. Ms. Poonguzhali - Roll No-14BTT036

UG Student Representative-IV year TXT

32. Mr. Yukendhar.G.S.- Roll No-14BME177

UG Student Representative-IV year ME

33. Mr. Manish.J - Roll No-14BME206

UG Student Representative-IV year ME

34. Ms. Sreenithi.S – Roll No-16MBA022

PG Student Representative-II year MBA

01. Welcome Address

Dr.R.S.Kumar, Principal, KCT and Chairman – Academic council welcomed the members to the 14th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Prof.T.R.Sukumar, Coordinator Autonomous and were approved by the academic council - refer Annexure I

- a. Minutes of the 13th Academic Council meeting held on 06.08.2016.
- b. Minutes of the Standing Committee meeting held on 14.07.2017.
- c. Newly inducted members to the Academic Council.
- d. Amendments made in Regulation 2014 and Regulation 2015.

03. Amendments – UG/ PG- Regulation 2015

Sl.No	Existing	Amended
1	Eligibility to appear for end semester examinations-overall 80% attendance	Eligibility to appear for end semester examinations-75% attendance in individual courses.
2	CAM Nullification- nullified in the 5 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course	CAM Nullification- nullified in the 4 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course
3	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 8 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 6 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.

04. Approval of Results

Prof. T.R.Sukumar, Deputy Controller of Examinations presented the results for UG/PG Nov/Dec-2016 and April/May-2017 and the same was approved by the academic council - refer **Annexure - II**

05. Approval of Curriculum & Syllabus for Regulation 2017 UG (BE/BTech) for semester 1 and 2

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 1 and semester 2) and curriculum for sem 3 to sem 8 of Regulation-2017 for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering	semester 1 and semester 2	The academic council granted approval for the curriculum and syllabus (semester 1 and 2) and curriculum (from sem 3 to sem 8) for 13 UG-programmes-refer Annexure-III
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		
5	Computer Science & Engineering		
6	Electrical & Electronics Engineering		
7	Electronics & Communication Engineering		
8	Electronics & Instrumentation Engineering		
9	Fashion Technology		
10	Information Technology		
11	Mechanical Engineering		
12	Mechatronics Engineering		
13	Textile Technology		

06. Approval of MBA-Regulation-2017, Curriculum & Syllabus of R-2017 for semesters 1 to 4

The HoD of MBA presented the Regulation-2017, curriculum and syllabus for MBA –R17 (semester 1 to semester 4):

Sl.No.	Programme	Approval
1.	MBA	The academic council granted approval for the Regulation-2017,curriculum and syllabus (semester 1 to semester 4) for MBA programme of R17-refer Annexure-IV

07. Approval of MCA-Regulation-2017, Curriculum & Syllabus of R-2017 for semesters 1 to 6

The HoD of MCA presented the Regulation -2017, curriculum and syllabus for MCA of R-17 (semester 1 to semester 6):

Sl.No.	Programme	Approval
1.	MCA	The academic council granted approval for the Regulation-2017,curriculum and syllabus (semester 1 and semester 2) and curriculum from sem3 to sem 6 for MCA programme –R17 -refer Annexure-V

08. Any other matter with the permission of the Chair:-

NIL

09.Suggestion by the external members of the Academic Council:-

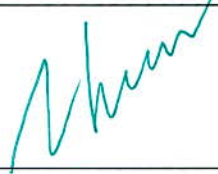



List attached

10. Vote of Thanks

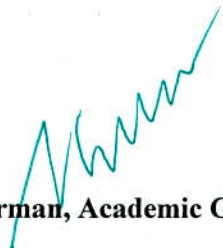
Prof.T.R.Sukumar, Deputy Controller of Examinations proposed vote of thanks.

Approved by

Signature

Dr.R.S.Kumar	Chairman - Academic Council / Principal	
Nominee of Anna University		
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai.	
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	
Expert Nominated by Governing Body		
Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, Coimbatore	

The meeting came to an end at 4.15 PM.


Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information

07. Suggestions by Anna University nominees and Experts of the KCT Academic Council:-

01. Appreciated the content of the Regulation -2017 as very impressive.
02. The comprehensive examinations under R-2017 can include additional contact hours / tutorial hours and may be shown in the time table. Two tests can be conducted for comprehensive examinations course (like GATE exam Paper I and Paper II) for 3 credits.
03. A bench marking methodology may be adopted to distinguish internship and project work.
04. Question paper pattern need to be suggested for end semester exam to facilitate course mapping as per OBE.
05. Elective list is too long. Number of electives may be decided based on the expertise available to handle the electives.
06. Quality of project done in the industry is to be in high order.
07. All Open Elective uniform 3 credits.
08. Out of 3 open elective 2 should be technical and 1 may be from life skills / Humanities. Option exercised by student.
09. Any online certificate courses (Like., NPTEL) should have a end semester examinations for 100 marks.
10. Process, assessment and validation is needed for vital non credit courses.
11. No rescaling for end semester marks for re-test. Proper assessment methodology may be framed for students (genuine cases) requesting for re-test. And also there should be a cap for maximum marks awarded. For institutional representation 15 marks and Medical Cases 7.5 marks may be awarded after proper assessment.
12. The process and assessment of the summer track should be in tune with regular track without any deviation.
13. The member appreciated the methodology followed for implementing the course "Internet of Things" in the curriculum.
14. A committee can be formed along with external members to decide about the credit transfer from Foreign Universities / National Institutions.
15. Latest trends including Nano – Technology can be offered.
16. Expertise of faculty to be ensured for professional Electives.
17. For End Semester Examination 100% Internal QP setting is approved with external member scrutiny.
18. The curriculum is to be inspirational.



Coordinator Autonomous




Principal / Chairman Academic Council



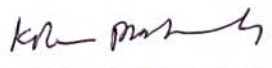

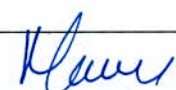
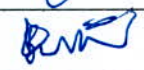

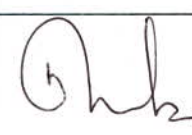

Academic Council

14th Meeting held on 15.07.2017 at 10 a.m. at Kumaraguru College of Technology campus

Date:15.07.2017

Members

Sl.No.	Name of the members	Address	Signature
01	Dr.R.S.Kumar	Chairman, Academic Council & Principal	
02	Dr.K.Sundararaj	Prof & HOD / Aeronautical Engineering	
03	Prof.C.Vasantharaj	Prof & HOD / Automobile Engineering	
04	Dr. N. Saraswathy	HOD i/c / Bio-Technology	
05	Dr. J. Premalatha	Prof & HOD / Civil Engineering	
06	Dr.P.Devaki	Prof & HOD / Computer Science & Engineering	
07	Dr.Rani Thottungai	Prof & HOD / Electrical & Electronics Engineering	
08	Dr.S.A.Pasupathy	Prof & HOD i/c / Electronics & Communication Engineering	
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	
10	Dr.Vijila E Kennedy	Director / MBA	
11	Dr.V. Geetha	Prof & HOD / MCA	
12	Dr.V.Muthukumaran	Prof & HOD / Mechanical Engineering	
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	
14	Dr.J.Srinivasan	Prof & HOD / Fashion Technology	
15	Dr.J.Senthil	Prof & HOD / Information Technology	
16	Dr. T.Arunachalam	Prof & HOD / Science & Humanities	
17	Dr.Bhaarathi Dhurai	Prof & HOD / Textile Technology	
18	Dr.P.K.Giridharan	Prof. i/c of PG / Mechanical Engineering	

19	Prof.K.Ramprakash	Prof. i/c of PG / Electronics and Communication Engineering	
20	Dr.J.Vijay Prakash	Deputy Controller of Examinations	
Teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the College			
21	Dr.R.Manivel	Prof. Mech. (Prof..i/c. R&D)	
22	Pro.P.Thirumoorthi	Assoc.Prof / EEE Department	
23	Prof. T. R. Sukumar	Associate Professor/Mechanical Engineering Department/Deputy Controller of Examinations	
Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,			
24	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	—
25	Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	—
26	Mr.R.Ramesh (KCT Alumni – 84-88 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	
27	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	—
28	Mr.Hariharan Ganesan (Hari) KCT Alumni	Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix, #20, HMT Road, Yeshwantpur, Bangalore – 560 022.	—
Nominee of the University			
29	Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai- 600 025	

30	Dr.T.Senthilkumar	Dean Department of Automobile Engineering Bharathidasan Institute of Technology (BIT Campus), Anna University, Tiruchirappalli – 620 024..	
31	Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai – 600 044	<i>N. Nachimuthu</i> 15/07/17
Faculty member nominated by the Principal (Member Secretary)			
32	Prof.S.Bhaskar	Center for Academic Excellence	<i>S. Bhaskar</i> 15/07/2017
Students Representative			
33	14BEI009	Fenitza	BE-Electronics and Instrumentation Engineering <i>M. Fenitza</i>
34	14BME143	Sivasubramani	BE-Mechanical Engineering <i>Sivasubramani</i>
35	14BCS081	Sanjay.S	BE-Computer Science and Engineering <i>S. Sanjay</i>
36	14BTT036	Poonguzhali	B.Tech-Textile Technology <i>Poonguzhali</i>
37	14BME177	Yukendhar.G.S.	BE-Mechanical Engineering <i>Yukendhar</i>
38	14BME206	Manish.J	BE-Mechanical Engineering <i>Manish</i>
39	16MBA022	Sreenithi.S	MBA <i>S. Sreenithi</i>

Regulations-2017 Committee Representatives

40 Dr. Vinodhar Stephen Assoc prof / Biotechnology
Rapeal

VSh



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Office of the Coordinator Autonomous

Amendments made in UG / PG

Curriculum & Syllabi and Regulation-2014 & 2015

Annexure – I

Amendments Made in
Regulation 2014 & 2015

UG & PG



Sl.No	Existing	Amended
1	Eligibility to appear for end semester examinations-overall 80% attendance	Eligibility to appear for end semester examinations-75% attendance in individual courses.
2	CAM Nullification- nullified in the 5 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course	CAM Nullification- nullified in the 4 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course
3	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 8 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 6 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.
4	Summer Track Programme – Applicable only for lack of attendance Course fee – Rs 3000/-	Summer Track Programme – Applicable only for lack of attendance and improvement of CAM Course fee – Rs 5000/-

TABLE AGENDA

- 01. Approval of the 13th ACM minutes
- 02. ACM New Members Appointed
- 03. Approval of the minutes of the Standing Committee meeting

New Members Appointed



01. Dr.K.Sundararaj – Chairman, Board of Examiner, Department of Aeronautical Engineering
02. Dr.J.Senthil – Director / Chairman, Board of School of Computing
03. Dr.S.A.Pasupathy, Chairman, Board of Examiner, Department of Electronics and Communication Engineering
04. Dr.R.Venkatesan, Chairman, Board of Examiner, Department of Mechatronics Engineering

Amendments Made in
Regulation 2014 & 2015

UG & PG



Sl.No	Existing	Amended
1	Eligibility to appear for end semester examinations-overall 80% attendance	Eligibility to appear for end semester examinations-75% attendance in individual courses.
2	CAM Nullification- nullified in the 5 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course	CAM Nullification- nullified in the 4 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course
3	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 8 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 6 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.
4	Summer Track Programme – Applicable only for lack of attendance Course fee – Rs 3000/-	Summer Track Programme – Applicable only for lack of attendance and improvement of CAM Course fee – Rs 5000/-



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MEMBERS LIST OF THE

14TH ACADEMIC COUNCIL

Meeting



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ANNEXURE – I

01. AGENDA OF THE 14TH ACADEMIC COUNCIL

MEETING NOTICE CIRCULATED TO MEMBERS



coordinator autonomous <coordinator.autonomous@kct.ac.in>

Kumaraguru College of Technology-14th Academic Council meeting-15th July 2017 (Sat) -reg

coordinator autonomous <coordinator.autonomous@kct.ac.in>

Thu, Jun 22, 2017 at 1:21 PM

To: Hods <hods@kct.ac.in>, head ece <hod.ece@kct.ac.in>, HoD Automobile <hod.auto@kct.ac.in>, head science and humanities <hod.sci@kct.ac.in>, Principal KCT <principal@kct.ac.in>, head mca <hod.mca@kct.ac.in>, vijila@kctbs.ac.in, Giridharan PK <giridharan.pk.mec@kct.ac.in>, RAMPRAKASH k <ramprakash.k.ece@kct.ac.in>, Manivel R <manivel.r.mec@kct.ac.in>, THIRUMOORTHY P <thirumoorthi.p.eee@kct.ac.in>, Guhan M <selvan.cm@srmuniv.ac.in>, selvanm@gmail.com, director.et@srmuniv.ac.in, niranjan.p@c-a-m.com, ramesh@janatics.co.in, sudha11@yahoo.com, sudha.rengarajan@intel.com, hariharan.Ganesan@weirgroup.com, meena68@annauniv.edu, Senthilkumar Thamilkolundu <kmtsenthil@gmail.com>, nmuthu@mitindia.edu, Centre for Academic Excellence <cefd@kct.ac.in>, coes <coes@kct.ac.in>
Cc: Shankar Vanavarayar <sv@kct.ac.in>

Dear Sir / Madam,

Sub:Kumaraguru College of Technology - 14th Academic Council-meeting-15.07.2017.

Greetings!

The 14th Academic Council meeting of Kumaraguru College of Technology, Coimbatore-49 has been scheduled on 15th July 2017 (Saturday). Please find enclosed the letter for inviting you to attend the meeting and the agenda for the meeting.
Kindly make it convenient to attend the meeting.

Thanking you,

Yours truly

Dr.R.S.Kumar**Principal / Chairman-Academic Council**

KCT-AC Meeting-Agenda.docx
335K



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www.kct.ac.in

[An Autonomous
Institution
Established in 1984
Affiliated to
Anna University Chennai
Approved by
AICTE, New Delhi
Accredited by NAAC]

Ref: KCT/ACM/M14/2017-18

Date: 20.06.2017

Dear Sir / Madam,

Sub: Kumaraguru College of Technology – 14th Meeting of the Academic Council of Academic
Autonomy - Reg.

We wish to inform that the 14th Meeting of the Academic Council of Academic Autonomy of
Kumaraguru College of Technology, Coimbatore, is scheduled to be held at 10.00 am on Saturday the
15th July 2017 at the Committee Room of Dr.Mahalingam Vigyan Bhavan.

AGENDA OF THE MEETING

- (1) Approval of the minutes of the Standing Committee meeting.
- (2) Approval of UG Regulation-2017 curriculum & syllabi for semester1 and semester2 &
curriculum for semester 3 to semester 8.
- (3) Amendments made in Regulation-2014 & 2015.
- (4) Approval of PG-MBA-Regulation-2017 curriculum & syllabi for semester 1 to semester 4.
- (5) Approval of PG-MCA-Regulation-2017 curriculum & syllabi for semester 1 and semester 2
& curriculum for semester 3 to semester 6.
- (6) Approval of the results for UG / PG Nov / Dec-2016 and Apr / May -2017 examinations.
- (7) Approval of the minutes of the Finance Committee meeting.
- (8) Any other matter with the permission of the Chairman, Academic Council.

Kindly make it convenient to attend the meeting as per schedule.

Thanking you

Yours truly,

**Principal
Dr.R.S.Kumar
(Chairman, Academic Council)**

To

The Members concerned



P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA
Voice: +91 422 266 11 00 Fax: +91 422 266 94 06
info @kct.ac.in



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ANNEXURE – II

Enclosed the following copy of the xerox submitted in the **14th** Academic Council Meeting.

- 01.** Minutes of the **13th** meeting of the Academic Council.

- 02.** Minutes of the **17th** meeting of the Standing Committee.



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01. Minutes of the 13th

Academic Council

Meeting



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Minutes of the 13th

Academic Council

Meeting



Minutes of the 13th Meeting of Academic Council of the Autonomous Body

The 13th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 06.08.2016 from 10.00 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

- | | |
|-------------------------|---|
| 1. Dr.R.S.Kumar | Chairman-Academic Council / Principal |
| 2. Mr.M.Senthilkumar | HOD i/c / AE |
| 3. Prof.C.Vasantharaj | Prof & HOD / AUT |
| 4. Dr. N. Saraswathy | HOD i/c/ BT |
| 5. Dr.J.Premalatha | Prof. & HOD / Civil |
| 6. Dr.P.Devaki | HOD / CSE |
| 7. Dr.Rani Thottungal | Prof. & HOD / EEE |
| 8. Dr.K.Malarvizhi | Prof. & HOD i/c / ECE |
| 9. Dr.M.Ezhilarasi | Prof. & HOD / EIE |
| 10. Dr.J.Srinivasan | Prof. & HOD / FT |
| 11. Dr.J.Senthil | Prof. & HOD / IT |
| 12. Dr.V.Muthukumaran | Prof. & HOD / MEI |
| 13. Dr. R. Venkatesan | Prof. & HOD / MCE |
| 14. Dr.Vijila Kennedy | Director / MBA |
| 15. Dr.V. Geetha | Prof.&HOD / MCA |
| 16. Dr.Bhaarathi Durai | Prof. & HOD / TXT |
| 17. Prof.K.Ramprakash | Prof. i/c of PG / ECE |
| 18. Dr. T.Arunachalam | Prof. & HOD/ S&H |
| 19. Dr.R.Manivel | Prof. Mech. (Prof..i/c. R&D) |
| 20. Dr.P.K.Giridharan | Prof. i/c of PG / Mechanical Engineering |
| 21. Prof.P.Thirumoorthi | Assoc.Prof / EEE Department |
| 22. Prof.T.R.Sukumar | Deputy Controller of Examinations |
| 23. Dr.J.Vijay Prakash | Deputy Controller of Examinations |
| 24. Prof S. Bhaskar | Center for Academic Excellence (Member Secretary) |

Members Nominated by Anna University:

- | | |
|--------------------|---|
| 25. Dr.M.Meenakshi | Professor, Department of Electronics and
Communication Engineering, CEG Campus,
Anna University, Chennai. |
|--------------------|---|

26. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics
Technology (MIT Campus), Anna University
Chennai.

Student representatives (UG/PG):

27. Ms.Tanmay Mukherjee – Roll No-14BME156	UG Student Representative-III year ME
28. Mr.Vineeth Kumar D – Roll No-13BEC170	UG Student Representative-IV year ECE
29. Mr. U.Gowthama Prabu - Roll No-14BBT021	UG Student Representative-III year BT
30. Mr. N.Pradeep Kumar - Roll No-15MIE06	PG Student Representative-II year IE
31. Ms. V.Nandhini - Roll No-15MCO07	PG Student Representative-II year CS
32. Ms. R.R.Mirra - Roll No-15MBT04	PG Student Representative-II year BT

01. Welcome Address

Dr.R.S.Kumar, Principal, KCT and Chairman – Academic council welcomed the members to the 13th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Prof.T.R.Sukumar, Coordinator Autonomous and were approved by the academic council:

- a. Minutes of the 12th Academic Council meeting held on 25.07.2015.
- b. Minutes of the Standing Committee meeting held on 26.07.2016.
- c. Newly inducted members to the Academic Council.
- d. Amendments made in Regulation 2014 and Regulation 2015.
- e. Amendments made in Regulation 2015 - UG –sem 1 and sem 2(batch 2015 & 2016).

a) UG Regulation 2013 amendments

Change of course code

- i. ME - U13MCP604 - Mechatronics Laboratory instead of U13MCP601-Mechatronics Laboratory

b) UG Regulation 2014 amendments UG (BE/B.Tech) and PG (MCA):

The academic council granted approval for the amendments made in Regulation-2014 – refer
Annexure-1.

c) Regulation 2015 amendments: UG (BE/B.Tech)

The academic council granted approval for the amendments made in Regulation-2015 as follows:-



1. UG – curriculum and syllabus for Regulation-2015 of semester 1 and semester 2 (batch-2015) – refer annexure-II
2. UG – curriculum and syllabus for Regulation-2015 of semester 1 and semester 2 (batch-2016) – refer annexure-III
3. Amendments made in Regulation-2015 – refer annexure – IV

d) Regulation 2015 amendments: PG (ME/M.Tech/MCA/MBA)

The academic council granted approval for the amendments made in Regulation-2015- refer Annexure-V.

03. Approval of Results

Prof. T.R.Sukumar, Deputy Controller of Examinations presented the results for UG/PG Nov/Dec-2015 and April/May-2016 and the same was approved by the academic council.

04. Approval of Curriculum & Syllabus for Regulation 2015 UG (BE/B.Tech) for semesters 3 to 8

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 3 to semester 8) Regulation-2015 for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering	semester 3 to semester 8	The academic council granted approval for the curriculum and syllabus (Semester 3 to 8) for 13 UG-programmes-refer Annexure-VI
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		
5	Computer Science & Engineering		
6	Electrical & Electronics Engineering		
7	Electronics & Communication Engineering		
8	Electronics & Instrumentation Engineering		
9	Fashion Technology		
10	Information Technology		
11	Mechanical Engineering		
12	Mechatronics Engineering		
13	Textile Technology		

05. Approval of Curriculum & Syllabus for MBA-Regulation-2015 for semesters 1 to 4

The HoD of MBA presented the curriculum and syllabus for MBA –Regulation-2015 (semester 1 to semester 4):

Sl.No.	Programme	Approval
1.	MBA	The academic council granted approval for the curriculum and syllabus (Semester 1 to 4) for MBA programme –Regulation-2015-refer Annexure-VII

06. Any other matter with the permission of the Chair:-

The Academic Council granted approval for retaining used answer booklets for 2 years from the period of completion of the semester examinations.

07.Suggestion by the external members of the Academic Council:-


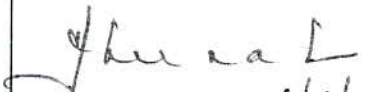

List attached

08.Vote of Thanks

Prof.S.Bhaskar, Center for Academic Excellence, proposed vote of thanks.

Approved by

Signature

Dr.R.S.Kumar	Chairman-Academic Council / Principal	
Nominee of Anna University		
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai.	 6/8/16.
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	 06/08/16

The meeting came to an end at 4.00 PM.



Chairman, Academic Council /Principal

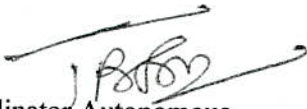
To: All the members

**Copy to: Chairman for kind information
Correspondent for kind information
Joint Correspondent for kind information**



07. Suggestions by Anna University nominees of the KCT Academic Council:-

01. The courses can be combined without diluting course content in ECE department curriculum and syllabus.
02. Mark for Paper publication in UG project may have a rethink for all UG phase –II projects.
03. Object Oriented programming and C++ course should have practical content for FT department.
04. The total credit for all UG programmes should be in the range of 180 to 182.
05. Some of the laboratory courses may have 2 credits also.
06. The members suggested to have less theory courses in 3rd year and final year curriculum to meet the requirement of placement training and internship.
07. The members suggested to have 60 to 65% of theory courses and 40 to 45% of the practical courses in curriculum and syllabus.
08. The members also suggested to collect feedback from students about curriculum and syllabus during 4th semester and end of 7th semester to know whether it met the requirements.
09. Break system for students with arrears greater than 6 credits in 1st semester can be thought of to be implemented from 6th semester onwards and thereafter.
10. To start with comprehensive exam can be offered in 7th semester for 3 credits. In future it can be made compulsory.



Coordinator Autonomous



Principal / Chairman Academic Council



Academic Council

13th Meeting held on 06.08.2016 at 10 a.m. at Kumaraguru College of Technology campus

Date:06.08.2016

Special Invitee

Shri. Shankar Vanavarayar	Joint Correspondent	Signature
---------------------------	---------------------	-----------

Members

01	Dr.R.S.Kumar	Chairman, Academic Council & Principal	
02	Mr.M.Senthilkumar	Prof & HOD i/c / Aeronautical Engineering	
03	Prof.C.Vasantharaj	Prof & HOD / Automobile Engineering	
04	Dr. N. Saraswathy	HOD i/c / Bio-Technology	
05	Dr. J. Premalatha	Prof & HOD / Civil Engineering	
06	Dr.P.Devaki	Prof & HOD / Computer Science & Engineering	
07	Dr.Rani Thottungal	Prof & HOD / Electrical & Electronics Engineering	
08	Dr.K.Malarvizhi	Prof & HOD i/c / Electronics & Communication Engineering	
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	
10	Dr.Vijila E Kennedy	Director / MBA	
11	Dr.V. Geetha	Prof & HOD / MCA	
12	Dr.V.Muthukumaran	Prof & HOD / Mechanical Engineering	
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	
14	Dr.J.Srinivasan	Prof & HOD / Fashion Technology	
15	Dr.J.Senthil	Prof & HOD / Information Technology	
16	Dr. T.Arunachalam	Prof & HOD / Science & Humanities	
17	Dr.Bhaarathi Dhurai	Prof & HOD / Textile Technology	
18	Dr.P.K.Giridharan	Prof. i/c of PG / Mechanical Engineering	

19	Prof.K.Ramprakash	Prof. i/c of PG / Electronics and Communication Engineering	—
20	Dr.J.Vijay Prakash	Deputy Controller of Examinations	<i>JV</i>

Teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the College

21	Dr.R.Manivel	Prof. Mech. (Prof..i/c. R&D)	<i>Manivel</i>
22	Pro.P.Thirumoorthi	Assoc.Prof / EEE Department	<i>Absent</i>
23	Prof. T. R. Sukumar	Associate Professor/Mechanical Engineering Department/Deputy Controller of Examinations	<i>T.R.S</i>

Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,

24	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	<i>Absent</i>
25	Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014 India	<i>Absent</i>
26	Mr.R.Ramesh (KCT Alumni – 84-88 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	<i>Absent</i>
27	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	<i>Absent</i>
28	Mr.Hariharan Ganesan (Hari) KCT Alumni	Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix, #20, HMT Road, Yeshwantpur, Bangalore – 560 022.	<i>Absent</i>

Nominee of the University

29	Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai- 600 025	<i>Meenakshi</i>
----	----------------	---	------------------

30	Dr.T.Senthilkumar	Dean Department of Automobile Engineering Bharathidasan Institute of Technology (BIT Campus), Anna University, Tiruchirappalli – 620 024..		Absent
31	Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai – 600 044		N. Nachimuthu
Faculty member nominated by the Principal (Member Secretary)				
32	Prof.S.Bhaskar	Center for Academic Excellence		S. Bhaskar 06/08/2016
Students Representative				
33	14BME156	Tanmay Mukherjee	BE-Mechanical Engineering	Tanmay
34	13BEC170	Vineeth Kumar D	B.E.Electronics & Communication Engineering	Vineeth
35	14BBT021	Gowthama Prabu U	B.Tech Biotechnology	Gowthama
36	15MIE06	Pradeep kumar.N	ME-Industrial Engineering	Pradeep
37	15MCO007	Nandhini. V	ME-Communication Engineering	Nandhini
38	15MBT004	Mirra R R	M.Tech. Biotechnology	Mirra



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02. Minutes copy of the 17th meeting

of the

Standing Committee.



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(An Autonomous Institution affiliated to Anna University, Chennai)

Office of the Coordinator Autonomous

KCT/COE/G-SCM/113/2017-2018

Date: 14.07.2017

Minutes of the meeting of Standing Committee of the Academic Council

A meeting of the Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore, was held on Tuesday, 14th July 2017 at 11.00 am in the 'B' Block Conference Hall.

The following members were present for the meeting.

Dr.R.S.Kumar	Principal
Dr. J. Premalatha	HODi/c / CE.
Dr.V.Muthukumaran	HOD / ME.
Dr.R.Venkatesan	HOD/MCE
Dr.S.A.Pasupathy	HOD i/c / ECE
Dr.K.Sundararaj	HOD / Aero
Prof.C.Vasantharaj	Prof & HOD / Auto
Dr.M.Ezhilarasi	Prof & HOD / EIE
Dr.Rani Thottungal	HOD / EEE
Dr.P.Devaki	HOD / CSE.
Dr.J.Senthil	HOD / IT
Dr.Bhaarathi Dhurai	HOD / TXT.
Dr.J.Srinivasan	HOD / FT.
Dr.N.Saraswathy	HOD i/c/ BT
Dr.V. Geetha	HOD i/c / MCA.
Prof.K.Ramprakash	Prof i/c PG /Dept of ECE
Dr.P.K.Giridharan	Prof i/c PG /Dept of ME
Dr. T.Arunachalam	HOD/S&H
Prof.T.R.Sukumar	Deputy Controller of Examinations
Dr.J.Vijay Prakash	Deputy Controller of Examinations
Prof.S.Bhaskar	Center for Academic Excellence

The following points were discussed in the meeting:

01. Dr.R.S.Kumar, Principal presented the CBCS UG-Regulation-2017.
- 02 All the Head of the Departments have presented curriculum & syllabus for first year UG curriculum & syllabus for sem 1 and sem 2 and curriculum for sem 3 to sem 8 of R-2017.
- 03 Amendments made in Regulation-2014 & 2015 presented in the meeting.
- 04 MBA-Regulation-2017, curriculum and syllabus for sem 1 to sem 4 presented.
05. MCA-Regulation-2017, curriculum and syllabus for sem 1 and sem 2 and curriculum for sem 3 to sem 6 presented.

The committee approved all the above points.

The meeting ended at 5.00pm.


Chairman, Academic Council / Principal

To

All the members concerned

Copy submitted to the Co-Chairman, for kind information
Copy submitted to the Correspondent, for kind information
Copy submitted to Joint Correspondent for kind information





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Annexure – III

COPY OF THE POWER POINT PRESENTATION.



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Academic Council 15th July 2017

Welcome

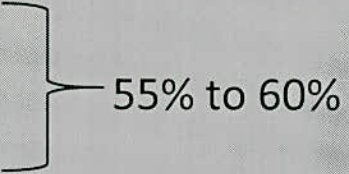


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R17 Regulation

Key changes from R15 to R17 Regulation



Topics	Regulations – 15 (R15)	Regulations – 17 (R17)
Categorization of courses	<ul style="list-style-type: none"> ➤ HS ➤ BS ➤ ES ➤ PC ➤ PE ➤ PW ➤ OE 	<ul style="list-style-type: none"> • Humanities and Social Science (HS) [10%] • Basics Science (BS) [15%] • Engineering Science (ES) [10%] • Professional Core (PC) [30% to 40%] • Professional Elective (PE) [10% to 15%] • Project Work (PW) [7% to 15%] • Open Elective (OE) [5%] • e-RIDE (Employment Enhancement courses (EEC) - Research/Innovation/Design/Entrepreneurship) [5%] • Vital credit [1%] <div style="text-align: right; margin-top: 10px;">  </div>
Credit Assignment	<ul style="list-style-type: none"> ➤ 1L=1C ➤ 2T=1C ➤ 2P=1C 	<ul style="list-style-type: none"> • 1 Lecture Period= 1Credit • 1 Tutorial Period= 1Credit • 2 Practical Period= 1Credit • 2 Project Period = 1Credit
Credit Range	182 to190	166 to 175 + 2 (Vital Units)

Topics	Regulations – 15 (R15)	Regulations – 17 (R17)
Course Registration		
Credit Range in a semester	➤ Regular semester = maximum 30 credits	<ul style="list-style-type: none"> • Registration via ERP • Regular Semester = 16 to 30 credits, if 30 Credit one 3 Credit course self study. • Summer Track = 0 to 12 credits
Extended Track	➤ NA	<ul style="list-style-type: none"> • Second Semester onwards. • Students can register for minimum permissible number of credits and complete the course within seven years. <p>(Prior approval of mentor, HoD, parent is warranted. Necessary fee for additional semesters will apply)</p>

Topics	Regulations – 15 (R15)	Regulations – 17 (R17)
Summer Track	➤ NA	Who can register? Students <ul style="list-style-type: none"> • with lack of attendance in regular semester • Failed in End Semester Examination (ESE) • Failed in previous summer track • Courses without pre-requisites in the 7th and 8th semester can be registered after the 4th semester when offered in the Summer track
Assessment		
CAM – ESE Weightage for all courses	➤ CAM – 50 Marks ➤ ESE – 50 Marks (Except, Human Excellence Courses and One-credit Industry courses where CAM = 100 Marks)	<ul style="list-style-type: none"> • Continuous assessment Marks (CAM) – 50 Marks • End Semester Examination (ESE) – 50 Marks (Except, Human Excellence Courses and Industry courses, few Open Elective, few e-RIDE courses where CAM = 100 Marks)

Topics	Regulations – 15 (R15)	Regulations – 17 (R17)
Question Paper	<p>QP Pattern – Internal Test I & II + ESE</p> <ul style="list-style-type: none"> • 5 Pattern with detailed format provided. • Separate pattern for ESE given 	<p>QP Pattern – CAT I & II + ESE</p> <ul style="list-style-type: none"> • 4 -6 Patterns which can be used for both CAT and ESE • Faculty has autonomy to choose the pattern and are responsible to communicate in advance with Course plan to students for CAT I & II
Retest	<p>➤ Available</p>	<ul style="list-style-type: none"> • No Retest • For genuine cases, recommended by DCC, Rescaling of ESE for the missed CAT will be done (Missed CAT mark= ESE X CAT Weightage) • Institutional representation - 15 % of ESM • Medical reasons - 5% of the ESM
Attendance Requirement	<p>➤ ESE ≥ 75%</p>	<ul style="list-style-type: none"> • CAT I, II & ESE ≥ 75% (Theory) • If a student has RA due to lack of attendance in course C1, he/she cannot register for a course C2, (which has C1 as a pre-requisite) in the next regular semester. Therefore, he/she has to register for C1 in the Summer Track/ opportunity

Topic	Regulations – 15 (R15)	Regulations – 17 (R17)
Eligibility For The Award Of Degree	<p>➤ Student should have successfully completed the course requirements</p>	<ul style="list-style-type: none"> • Student should have successfully completed the course requirements. • Successfully completed the NCC / NSS / NSO/ other vital units requirements.
Passing Requirements	<p>Theory courses, Practical courses, Project only course</p> <ul style="list-style-type: none"> •50% in CAT •50% in ESE 	<p>Theory courses, Practical courses, Project only courses</p> <ul style="list-style-type: none"> • No change <p>Embedded courses – Theory to Practice</p> <ul style="list-style-type: none"> •RA for the component only • Needs to pass in both components

Topic	Regulations – 15 (R15)	Regulations – 17 (R17)
Reappearance Criteria	<p>If a student gets RA in the regular semester,</p> <ul style="list-style-type: none"> ➤ He/she can appear TWICE in the arrear exam by retaining the CAM earned during the regular semester. ➤ CAM gets nullified in the fourth attempt 	<p>Once RA grade is obtained in a regular semester, then student has two options:-</p> <ul style="list-style-type: none"> • The student has to register for the Summer track, re-earn his/her CAM and then appear for the ESE. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • The student can retain the earned CAM during the regular semester, and appear for the ESE for the second time. If he/she fails in the second attempt (1 Regular attempt and 1 Arrear attempt), then the student shall re-register for the course in the Summer track. <p>If the student fails in Human Excellence he/she will re-register when it's offered next.</p>

Topics	Regulations – 15 (R15)	Regulations – 17 (R17)
Open electives	<ul style="list-style-type: none"> ➤ 3 courses for a total of 9 credits 	<ul style="list-style-type: none"> • Baskets of options available including 1 credit courses • Micro (9 Credits) / Minor (15 Credits) specialization can be offered
Programme specialization	<ul style="list-style-type: none"> ➤ Not indicated in consolidated statement 	<ul style="list-style-type: none"> • Elective: streams available
Special Credit courses	<ul style="list-style-type: none"> ➤ SIP ➤ Comprehensive Exams ➤ Minor projects ➤ Industry Internships – no Credits 	<p>e-RIDE courses (1 to 3 credits) Total 9 Credits</p> <ul style="list-style-type: none"> • Comprehensive exams mandatory in 7th sem • Research / Industry internships • Mini projects • Certification courses • Skill Development • Technical Courses (Online/Offline) • Humanities courses (Online/Offline)

Topics	Regulations – 15 (R15)	Regulations – 17 (R17)
Vital non-credit (Personality Development) courses	<ul style="list-style-type: none"> ➤ NCC ➤ NSS ➤ NSO ➤ YRC ➤ Clubs- any one enrolment ➤ Sports ➤ Yoga 	<ul style="list-style-type: none"> • Mandatory for students to earn 2 Credits • Each credits corresponds to 40 hours activity. • Four categories of vital units: <ul style="list-style-type: none"> ❖ Industry connect (Industrial Visit, In-plant Training) ❖ Wellness education (NSO) ❖ Club/professional/NCC/NSS/YRC activities ❖ Co-curricular activities (Paper presentation, publication, poster presentation, Technical events.)



THANK YOU!





OVERALL DEGREE DETAILS

2016-2017 Academic Year programme completed batch

APRIL / MAY 2017 EXAMINATIONS- (UG)*

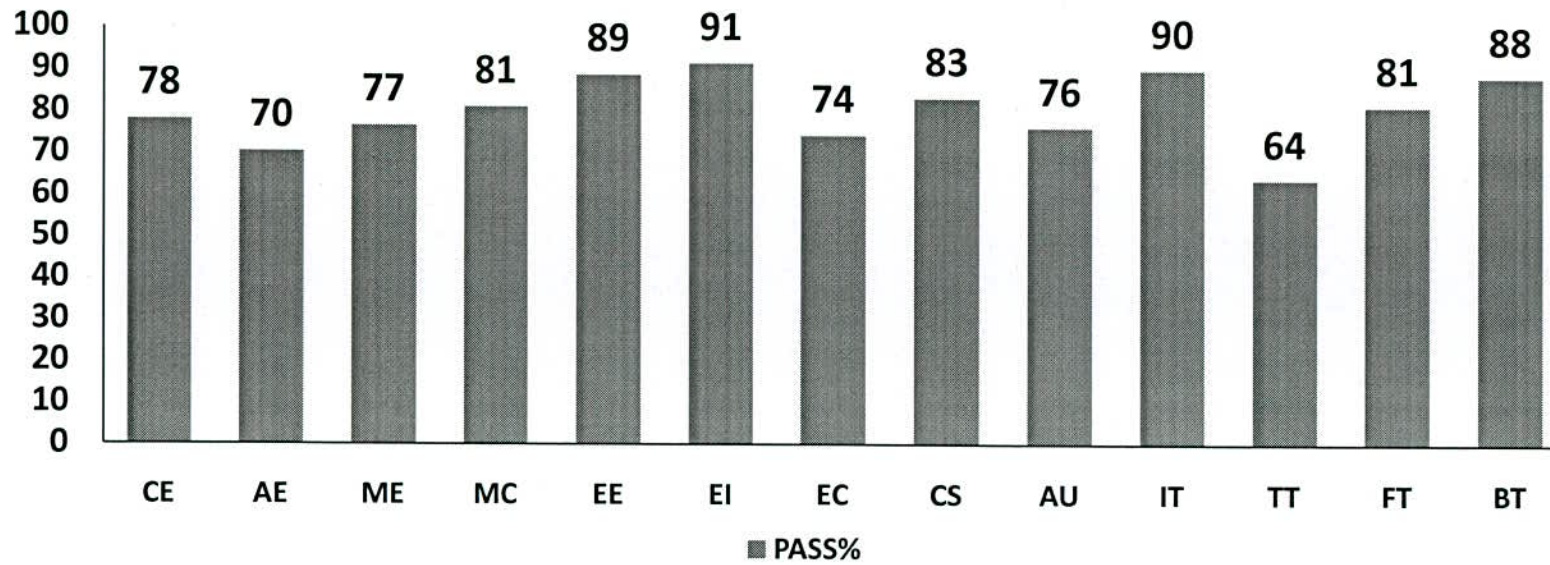
- **TOTAL NUMBER OF STUDENTS APPEARED(UG) : 1334**
- **DEGREE COMPLETED STUDENTS (UG) : 1061**
- **PASS % (UG): 79.54%**

* excluding arrear ,special supplementary and revaluation



**BRANCHWISE DEGREE DETAILS (2016 – 2017 ACADEMIC YEAR)
APRIL 2017 EXAMINATIONS (UG)**

80 %



DEGREE	TOTAL NO OF STUDENTS	TOTAL NO OF STUDENTS PASSED	PASS%	FCD	%	FC	%	SC	%
UG	1061	1004	79.54	174	16.40	829	78.13	58	5.47



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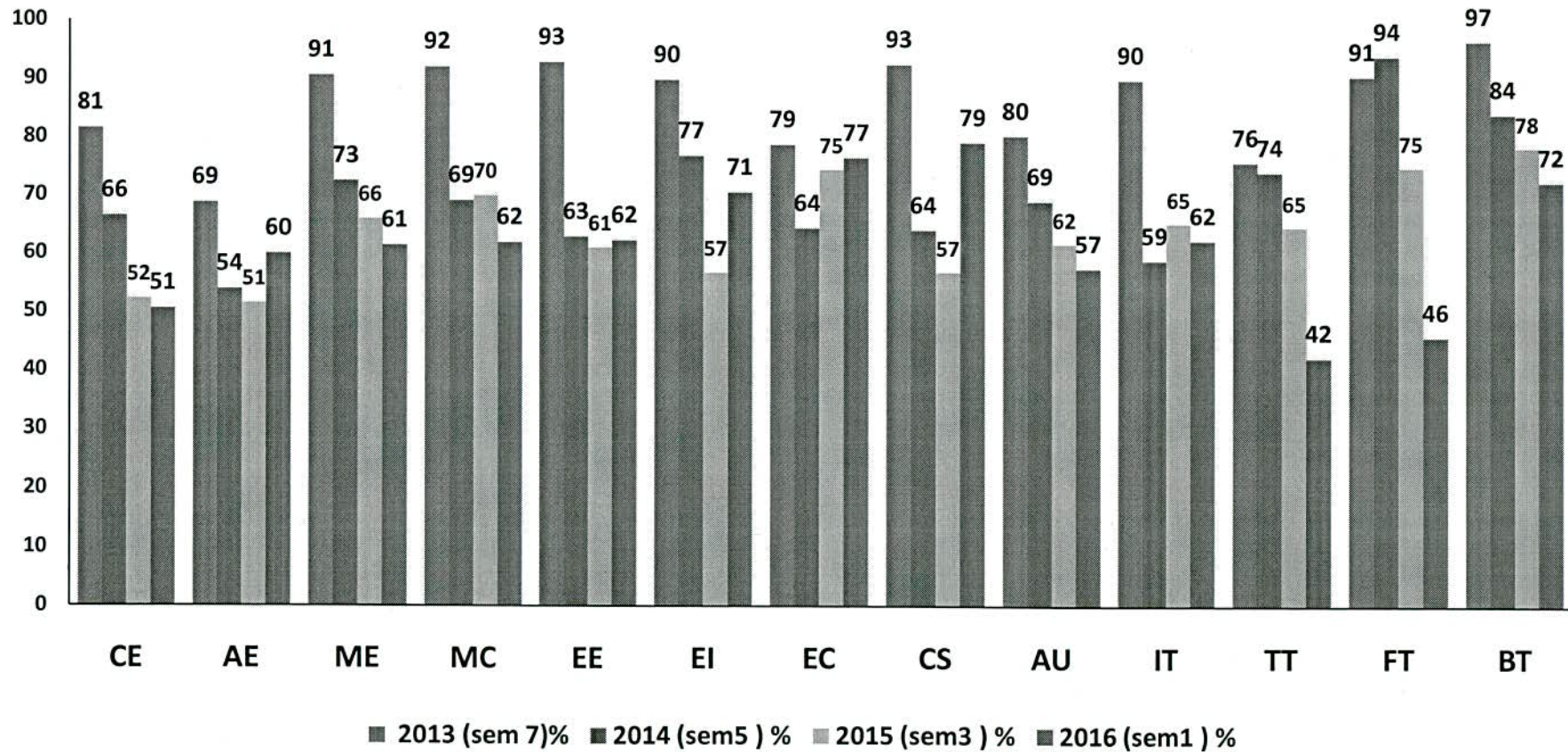
Results – UG Programmes

Nov / Dec – 2016



**OVERALL BRANCHWISE RESULT PERFORMANCE (ALL B.E / B.TECH PROGRAMME)
NOV / DEC 2016 EXAMINATIONS**

OVERALL PASS %	
2013 (sem 7)%	86
2014 (sem5) %	69
2015 (sem3) %	64
2016 (sem1) %	64





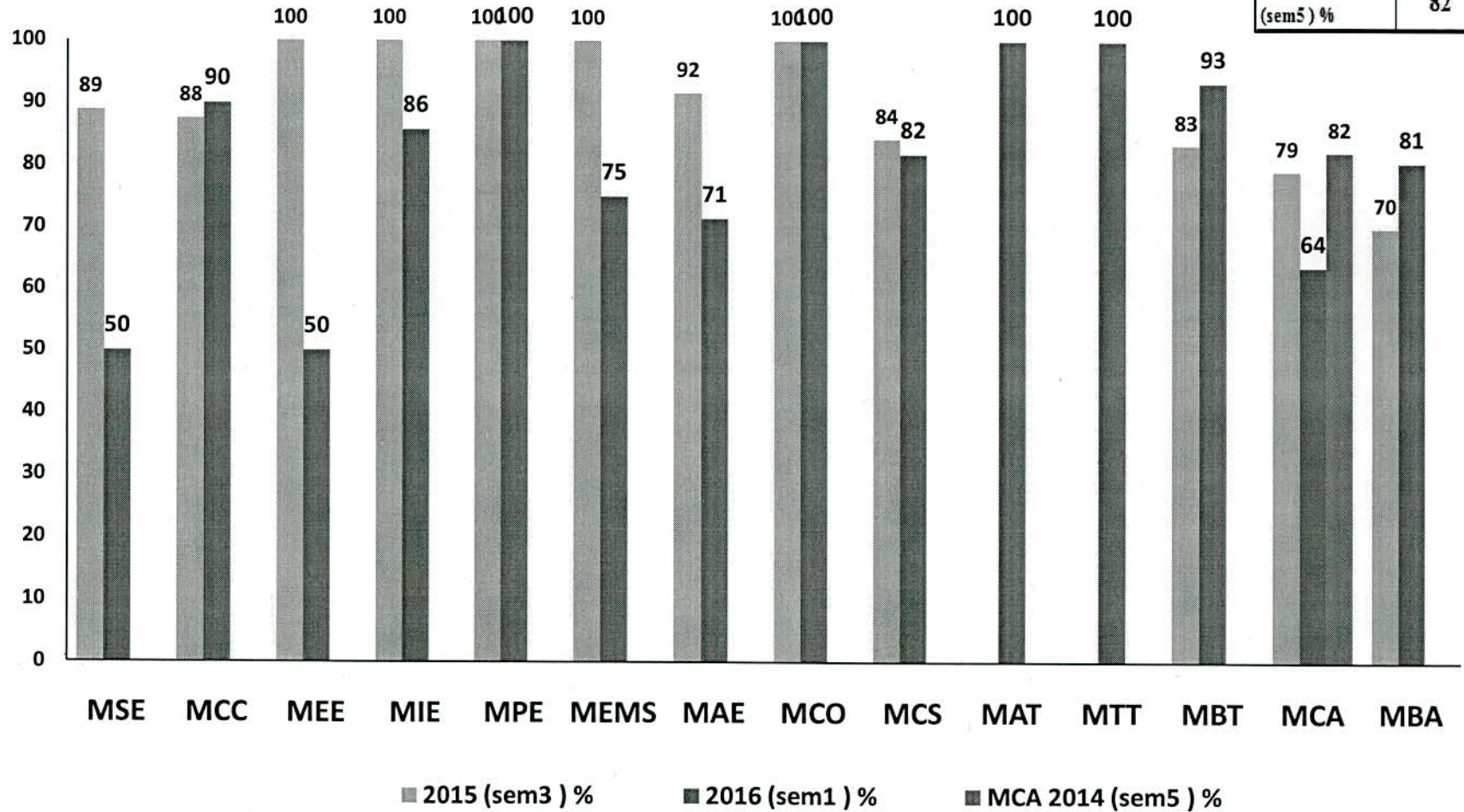
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Results – PG Programmes

Nov / Dec 2016

OVERALL BRANCHWISE RESULT PERFORMANCE (ALL M.E / M.TECH / MCA / MBA DEGREE PROGRAMME) NOV / DEC 2016 EXAMINATIONS

OVERALL PASS %	
2015 (sem3) %	79
2016 (sem1) %	78
MCA 2014 (sem5) %	82



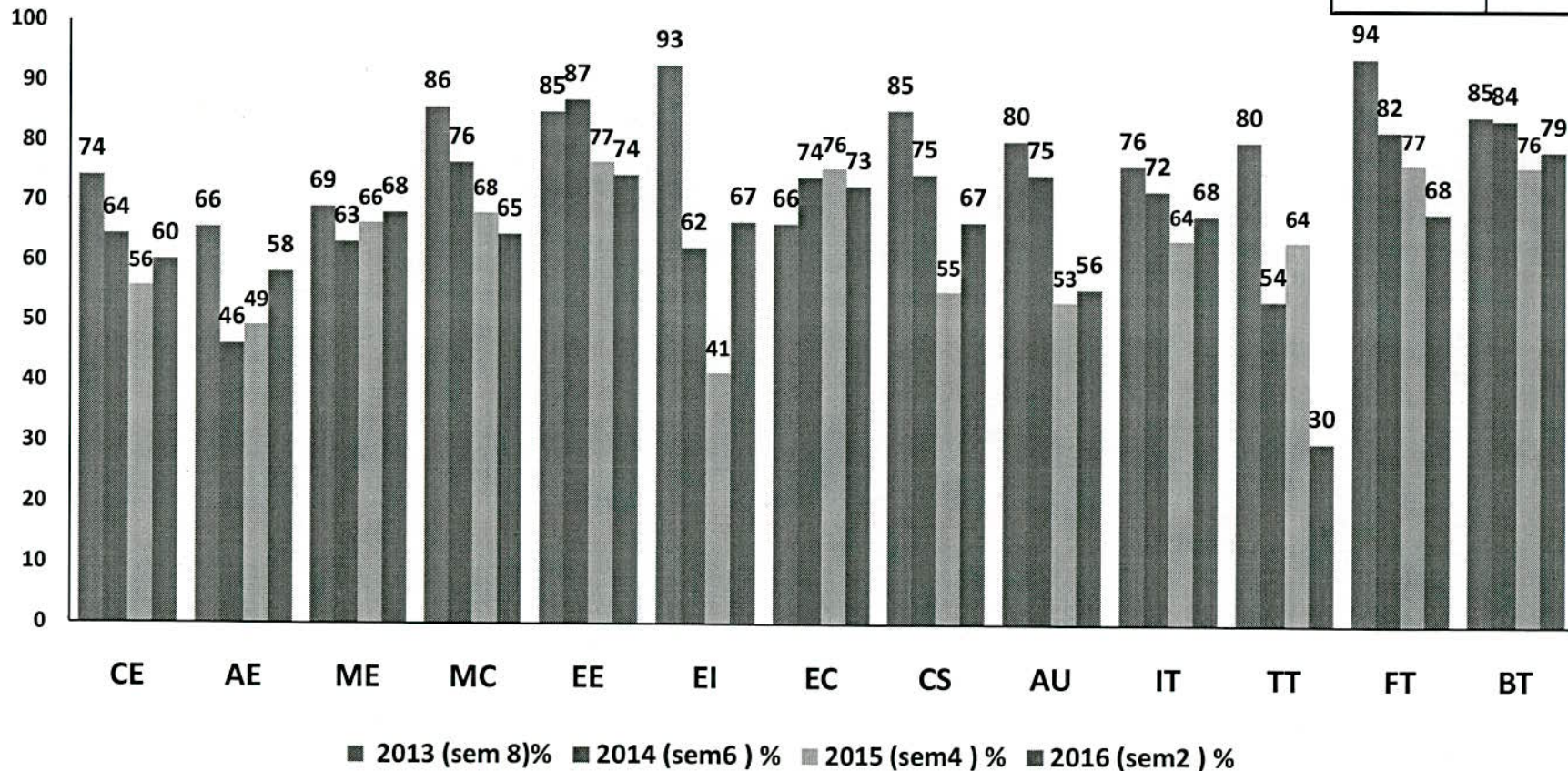
Results – UG Programmes

Apr / May 2017



**OVERALL BRANCHWISE RESULT PERFORMANCE (ALL B.E / B.TECH PROGRAMME)
APR / MAY 2017 EXAMINATIONS**

OVERALL PASS %	
2013 (sem 8)%	78
2014 (sem6) %	71
2015 (sem4) %	64
2016 (sem2) %	65





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Results – PG Programmes

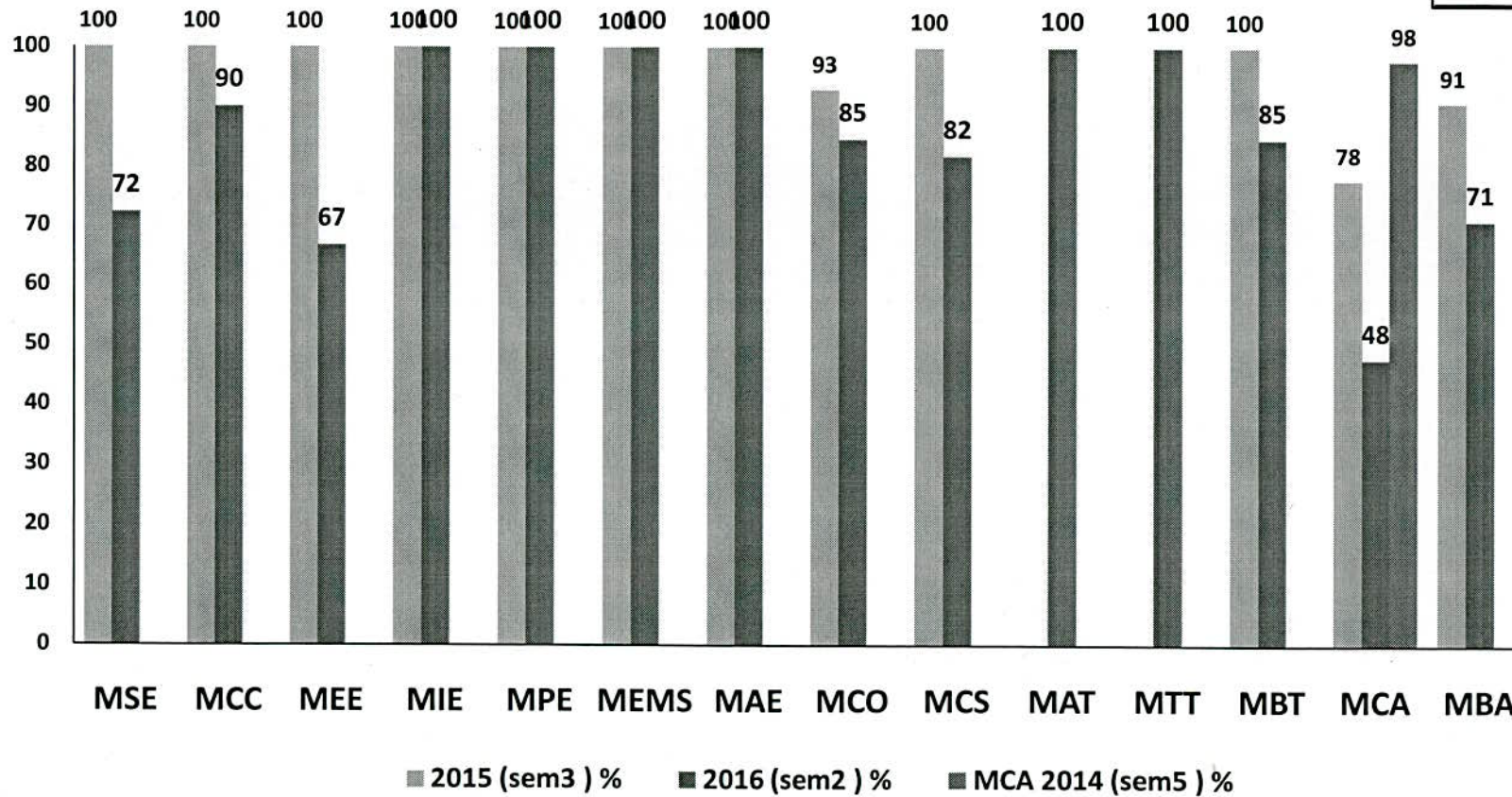
April / May – 2017



OVERALL BRANCHWISE RESULT PERFORMANCE (ALL M.E / M.TECH / MCA / MBA DEGREE PROGRAMME) - APR / MAY 2017 EXAMINATIONS

OVERALL PASS %

2015 (sem3) %	91
2016 (sem1) %	74
MCA 2014 (sem5) %	98





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13th Academic Council Meeting Minutes



Office of the Coordinator Autonomous

August 06, 2016

Minutes of the 13th Meeting of Academic Council of the Autonomous Body

The 13th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on **06.08.2016 from 10.00 a.m. to 04.00 p.m.** in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

- | | |
|-------------------------|---|
| 1. Dr.R.S.Kumar | Chairman-Academic Council / Principal |
| 2. Mr.M.Senthilkumar | HOD i/c / AE |
| 3. Prof.C.Vasantharaj | Prof & HOD / AUT |
| 4. Dr. N. Saraswathy | HOD i/c/ BT |
| 5. Dr.J.Premalatha | Prof. & HOD / Civil |
| 6. Dr.P.Devaki | HOD / CSE |
| 7. Dr.Rani Thottungal | Prof. & HOD / EEE |
| 8. Dr.K.Malarvizhi | Prof. & HOD i/c / ECE |
| 9. Dr.M.Ezhilarasi | Prof. & HOD / EIE |
| 10. Dr.J.Srinivasan | Prof. & HOD / FT |
| 11. Dr.J.Senthil | Prof. & HOD / IT |
| 12. Dr.V.Muthukumaran | Prof. & HOD / MEI |
| 13. Dr. R.Venkatesan | Prof. & HOD / MCE |
| 14. Dr.Vijila Kennedy | Director / MBA |
| 15. Dr.V. Geetha | Prof.&HOD / MCA |
| 16. Dr.Bhaarathi Durai | Prof. & HOD / TXT |
| 17. Prof.K.Ramprakash | Prof. i/c of PG / ECE |
| 18. Dr. T.Arunachalam | Prof. & HOD/ S&H |
| 19. Dr.R.Manivel | Prof. Mech. (Prof..i/c. R&D) |
| 20. Dr.P.K.Giridharan | Prof. i/c of PG / Mechanical Engineering |
| 21. Prof.P.Thirumoorthi | Assoc.Prof / EEE Department |
| 22. Prof.T.R.Sukumar | Deputy Controller of Examinations |
| 23. Dr.J.Vijay Prakash | Deputy Controller of Examinations |
| 24. Prof S. Bhaskar | Center for Academic Excellence (Member Secretary) |

Members Nominated by Anna University:

- | | |
|--------------------|---|
| 25. Dr.M.Meenakshi | Professor, Department of Electronics and
Communication Engineering, CEG Campus,
Anna University, Chennai. |
|--------------------|---|

26. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics Technology (MIT Campus), Anna University Chennai.

Student representatives (UG/PG):

27. Ms.Tanmay Mukherjee – Roll No-14BME156	UG Student Representative-III year ME
28. Mr.Vineeth Kumar D – Roll No-13BEC170	UG Student Representative-IV year ECE
29. Mr. U.Gowthama Prabu - Roll No-14BBT021	UG Student Representative-III year BT
30. Mr. N.Pradeep Kumar - Roll No-15MIE06	PG Student Representative-II year IE
31. Ms. V.Nandhini - Roll No-15MCO07	PG Student Representative-II year CS
32. Ms. R.R.Mirra - Roll No-15MBT04	PG Student Representative-II year BT

01. Welcome Address

Dr.R.S.Kumar, Principal, KCT and Chairman – Academic council welcomed the members to the 13th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Prof.T.R.Sukumar, Coordinator Autonomous and were approved by the academic council:

- a. Minutes of the 12th Academic Council meeting held on 25.07.2015.
- b. Minutes of the Standing Committee meeting held on 26.07.2016.
- c. Newly inducted members to the Academic Council.
- d. Amendments made in Regulation 2014 and Regulation 2015.
- e. Amendments made in Regulation 2015 - UG –sem 1 and sem 2(batch 2015 & 2016).

a) UG Regulation 2013 amendments

Change of course code

- i. ME - U13MCP604 - Mechatronics Laboratory instead of U13MCP601-Mechatronics Laboratory

b) UG Regulation 2014 amendments UG (BE/B.Tech) and PG (MCA):

The academic council granted approval for the amendments made in Regulation-2014 – refer Annexure-1.

c) Regulation 2015 amendments: UG (BE/B.Tech)

The academic council granted approval for the amendments made in Regulation-2015 as follows:-



1. UG – curriculum and syllabus for Regulation-2015 of semester 1 and semester 2 (**batch-2015**) – **refer annexure-II**
2. UG – curriculum and syllabus for Regulation-2015 of semester 1 and semester 2 (**batch-2016**) – **refer annexure-III**
3. Amendments made in Regulation-2015 – **refer annexure – IV**

d) Regulation 2015 amendments: PG (ME/M.Tech/MCA/MBA)

The academic council granted approval for the amendments made in Regulation-2015- **refer Annexure-V.**

03. Approval of Results

Prof. T.R.Sukumar, Deputy Controller of Examinations presented the results for UG/PG Nov/Dec-2015 and April/May-2016 and the same was approved by the academic council.

04. Approval of Curriculum & Syllabus for Regulation 2015 UG (BE/BTech) for semesters 3 to 8

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 3 to semester 8) Regulation-2015 for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering	semester 3 to semester 8	The academic council granted approval for the curriculum and syllabus (Semester 3 to 8) for 13 UG-programmes- refer Annexure-VI
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		
5	Computer Science & Engineering		
6	Electrical & Electronics Engineering		
7	Electronics & Communication Engineering		
8	Electronics & Instrumentation Engineering		
9	Fashion Technology		
10	Information Technology		
11	Mechanical Engineering		
12	Mechatronics Engineering		
13	Textile Technology		

05. Approval of Curriculum & Syllabus for MBA-Regulation-2015 for semesters 1 to 4

The HoD of MBA presented the curriculum and syllabus for MBA –Regulation-2015 (**semester 1 to semester 4**):

Sl.No.	Programme	Approval
1.	MBA	The academic council granted approval for the curriculum and syllabus (Semester 1 to 4) for MBA programme –Regulation-2015- refer Annexure-VII

06. Any other matter with the permission of the Chair:-

The Academic Council granted approval for retaining used answer booklets for 2 years from the period of completion of the semester examinations.

07.Suggestion by the external members of the Academic Council:-



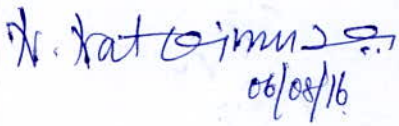
List attached

08.Vote of Thanks

Prof.S.Bhaskar, Center for Academic Excellence, proposed vote of thanks.

Approved by

Signature

Dr.R.S.Kumar	Chairman-Academic Council / Principal	
Nominee of Anna University		
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai.	 6/8/16.
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	 06/08/16

The meeting came to an end at 4.00 PM.



Chairman, Academic Council /Principal



To: All the members

Copy to: Chairman for kind information
Correspondent for kind information
Joint Correspondent for kind information



07. Suggestions by Anna University nominees of the KCT Academic Council:-

01. The courses can be combined without diluting course content in ECE department curriculum and syllabus.
02. Mark for Paper publication in UG project may have a rethink for all UG phase –II projects.
03. Object Oriented programming and C++ course should have practical content for FT department.
04. The total credit for all UG programmes should be in the range of 180 to 182.
05. Some of the laboratory courses may have 2 credits also.
06. The members suggested to have less theory courses in 3rd year and final year curriculum to meet the requirement of placement training and internship.
07. The members suggested to have 60 to 65% of theory courses and 40 to 45% of the practical courses in curriculum and syllabus.
08. The members also suggested to collect feedback from students about curriculum and syllabus during 4th semester and end of 7th semester to know whether it met the requirements.
09. Break system for students with arrears greater than 6 credits in 1st semester can be thought of to be implemented from 6th semester onwards and thereafter.
10. To start with comprehensive exam can be offered in 7th semester for 3 credits. In future it can be made compulsory.


Coordinator Autonomous





Principal / Chairman Academic Council



Academic Council

13th Meeting held on 06.08.2016 at 10 a.m. at Kumaraguru College of Technology campus

Date:06.08.2016

Special Invitee

Shri. Shankar Vanavarayar	Joint Correspondent	Signature
---------------------------	---------------------	-----------

Members

01	Dr.R.S.Kumar	Chairman, Academic Council & Principal	
02	Mr.M.Senthilkumar	Prof & HOD i/c / Aeronautical Engineering	
03	Prof.C.Vasantharaj	Prof & HOD / Automobile Engineering	
04	Dr. N. Saraswathy	HOD i/c / Bio-Technology	
05	Dr. J. Premalatha	Prof & HOD / Civil Engineering	
06	Dr.P.Devaki	Prof & HOD / Computer Science & Engineering	
07	Dr.Rani Thottungal	Prof & HOD / Electrical & Electronics Engineering	
08	Dr.K.Malarvizhi	Prof & HOD i/c / Electronics & Communication Engineering	
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	
10	Dr. Vijila E Kennedy	Director / MBA	
11	Dr.V. Geetha	Prof & HOD / MCA	
12	Dr.V.Muthukumaran	Prof & HOD / Mechanical Engineering	
13	Dr. R. Venkatesan	Prof & HOD / Mechatronics Engineering	
14	Dr.J.Srinivasan	Prof & HOD / Fashion Technology	
15	Dr.J.Senthil	Prof & HOD / Information Technology	
16	Dr. T.Arunachalam	Prof & HOD / Science & Humanities	
17	Dr.Bhaarathi Dhurai	Prof & HOD / Textile Technology	
18	Dr.P.K.Giridharan	Prof. i/c of PG / Mechanical Engineering	

19	Prof.K.Ramprakash	Prof. i/c of PG / Electronics and Communication Engineering	—
20	Dr.J.Vijay Prakash	Deputy Controller of Examinations	<i>JV</i>
Teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the College			
21	Dr.R.Manivel	Prof. Mech. (Prof..i/c. R&D)	<i>Manivel</i>
22	Pro.P.Thirumoorthi	Assoc.Prof / EEE Department	<i>Absent</i>
23	Prof. T. R. Sukumar	Associate Professor/Mechanical Engineering Department/Deputy Controller of Examinations	<i>T.R.S</i>
Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,			
24	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	<i>Absent</i>
25	Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014 India	<i>Absent</i>
26	Mr.R.Ramesh (KCT Alumni – 84-88 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	<i>Absent</i>
27	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	<i>Absent</i>
28	Mr.Hariharan Ganesan (Hari) KCT Alumni	Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix, #20, HMT Road, Yeshwantpur, Bangalore – 560 022.	<i>Absent</i>
Nominee of the University			
29	Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai- 600 025	<i>Meenakshi</i>

30	Dr.T.Senthilkumar	Dean Department of Automobile Engineering Bharathidasan Institute of Technology (BIT Campus), Anna University, Tiruchirappalli – 620 024..		Absent
31	Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai – 600 044		N. Nachimuthu
Faculty member nominated by the Principal (Member Secretary)				
32	Prof.S.Bhaskar	Center for Academic Excellence		S. Bhaskar
Students Representative				
33	14BME156	Tanmay Mukherjee	BE-Mechanical Engineering	Tanmay
34	13BEC170	Vineeth Kumar D	B.E.Electronics & Communication Engineering	Vineeth
35	14BBT021	Gowthama Prabu U	B.Tech Biotechnology	Gowthama
36	15MIE06	Pradeep kumar.N	ME-Industrial Engineering	Pradeep
37	15MCO007	Nandhini. V	ME-Communication Engineering	N. Nandhini
38	15MBT004	Mirra R R	M.Tech. Biotechnology	Mirra



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Office of the Coordinator Autonomous

Amendments

in

UG (BE/B.Tech) Regulation-2014

Annexure – I

**KUMARAGURU COLLEGE OF TECHNOLOGY,
COIMBATORE**

**ACADEMIC UG-REGULATION
2014 (UG-R14)
Amendments**

Requirements for completion of a semester

R14	
Existing	Amended
80% overall attendance	Eligibility to write ESM exam of a course $\geq 75\%$

Lack of Attendance

In \leq 3 courses of a semester	R14	<ul style="list-style-type: none">• Has to attend summer term enabling course to earn attendance and CAM•Withdrawal from summer term enabling course and exam not permitted.
In \geq 4 courses of a semester	R14	<ul style="list-style-type: none">•Cannot write end semester exams of all courses (theory + practical) of that semester•Has to get readmitted in the subsequent year

CAM (R14/R15)

CAM compositions	Existing			Amended	
	Internal test	3	40 marks	2	30 marks
	Assignments	--	10 marks	--	10 marks
	Group presentation	--	--	1	10 marks
Total			50 marks	Total	50 marks

Project

Phase	Assessment	Details	Existing	Amended	Total marks
Phase I	Internal assessment	No. of Reviews: 02 min	100 marks	--	100 marks
	External assessment	NIL	--	--	
Phase II	Internal assessment	No. of reviews: 03	50 marks	--	100 marks
	External assessment (50 marks)	Project report	10	--	
		Presentation	20	10	
		Response to queries	20	--	
		Publication quality	--	10	

Question Paper Related (R14)

Question paper related	Number of Choices in question paper	One choice increased in internal tests and end semester question paper
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Thank You



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Amendments

in

MCA- Regulation-2014 & 2015

Annexure – I

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**AMENDMENTS MADE
IN
MCA R14 & R15**

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MCA R14 – REVISED 2016

S.NO	CLAUSE NO.	EXISTING	REVISED (10.06.2016)
1	9. Requirements for Completion of a Semester	<ul style="list-style-type: none">• Minimum of 80 % overall attendance	<ul style="list-style-type: none">• Minimum of 75% of Course Attendance
2	12.2 Mark Distribution Table -3(a)	3 Internal Tests	2 Internal Tests
3	Pattern for End Semester Exam Table – 3(b)	No Choice in Part D	Choice of Question given in Part D

MCA R15 – AMENDMENTS

S.NO	CLAUSE NO.	EXISTING	AMENDMENTS
1	9. Requirements for Completion of a Semester	<ul style="list-style-type: none"> • Minimum of 80 % overall attendance • On Duty: 20 % of attendance + 5% relaxation can be provided on recommendation. 	<ul style="list-style-type: none"> • Minimum of 75% of Course Attendance
2	12.2 Mark Distribution Table -3(a)	3 Internal Tests	2 Internal Tests
3	Pattern for End Semester Exam Table – 3(b)	No Choice in Part D	Choice of Question given in Part D



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Amendments

in

UG- Regulation-2015 (batch-2015 & batch-2016)

Annexure – II & III

Regulation-2015
Academic year 2015-16
Changes in Curriculum and Syllabi

SL NO	Existing	Revised
1	U15GHP201 in II semester	U15SIP201 introduced in II semester with 2 credits

Regulation-2015

Academic year 2016-17

Changes in Curriculum and Syllabi

SL NO	Existing	Revised
1	U15SIP201 for all branches in second semester	U15SIP101 for EEE/EIE/ECE/CSE/FT branches in first semester and U15SIP201 for CE/AE/AUE/ME /MCE/ IT /TXT/BT branches in second semester
2	U15GHP101 for all branches in first semester only	Reintroducing Human Excellence subjects: U15GHP101 in first semester and U15GHP201 in second semester for all branches
3.	U15AET201- Elements of Aeronautics in Second Semester	U15EE7211 -Basic Electrical and Electronics Engineering in Second Semester

Credits and Periods for the new courses

SL NO	COURSE CODE	COURSE NAME	CREDITS	PERIODS
1	U15SIP101	Social Immersion Project (EEE/EIE/ECE/CSE/FT)	2	3
2	U15SIP201	Social Immersion Project (CE/AE/AUE/ME/MCE/ IT / TXT/BT)	2	3
3	U15GHP101	Personal Values I	1	1
4	U15GHP201	Personal Values II	1	1
5	U15EE7211	Basic Electrical and Electronics Engineering	3	4

Changes in Credits and Contact Periods in the following courses:

Sl No.	COURSE CODE	NAME OF THE COURSE	EXISTING		PROPOSED	
			C	P	C	P
1	U15MET101	Engineering Graphics	4	6	3	5
2	U15MET201	Engineering Graphics	4	6	3	5
3	U15CSP101	Structured Programming Laboratory Using "C"	2	4	1	3
4	U15CSP102	Computer Hardware Lab	2	4	1	3
5	U15MEP101	Engineering Practices Laboratory	2	4	1	3
6	U15EEP101	Basics of Electric Circuits Lab	2	4	1	3
7	U15FTP101	Textile Production and Process Lab	2	4	1	3
8	U15ITP101	Computer Hardware and Peripherals Laboratory	2	4	1	3
9	U15AEP201	CAD Laboratory	2	4	1	3
10	U15AUP201	CAD Laboratory	2	4	1	3
11	U15BTP201	Biomolecules and Genetics Laboratory	2	4	1	3
12	U15CSP201	Structured Programming Laboratory Using "C"	2	4	1	3

Contd..

Changes in Credits and Contact Periods in the following courses:

Sl No.	COURSE CODE	NAME OF THE COURSE	EXISTING		PROPOSED	
			C	P	C	P
13	U15CSP202	Digital systems and Design Laboratory	2	4	1	3
14	U15CSP211	Computing Laboratory	2	4	1	3
15	U15CEP201	Construction materials Laboratory	2	4	1	3
16	U15EEP212	Electrical and Electronic Circuits Laboratory	2	4	1	3
17	U15ECP201	Electric Circuits and Simulation Laboratory	2	4	1	3
18	U15ECP202	Electronic Devices Laboratory	2	4	1	3
19	U15MEP201	Engineering Practices Laboratory	2	4	1	3
20	U15MEP202	Thermal Engineering and Fluid Mechanics Lab	2	4	1	3
21	U15EIP201	Circuits and Devices Lab	2	4	1	3
22	U15EEP211	Basis of Electrical and Electronics Engineering Laboratory	2	4	1	3
23	U15ECP207	Electronic Devices and Circuits Laboratory	2	4	1	3
24	U15TXP201	Fiber Analytical laboratory	2	4	1	3

Change in Course Codes in the following laboratory courses:

SL NO	EXISTING COURSE CODE	COURSE NAME	PROPOSED COURSE CODE
1	U15CSP201	Digital systems and Design Laboratory	U15CSP202
2	U15ENT201	Business communication and presentation skills	U15ENP201



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Amendments

in

UG- Regulation-2015

Annexure – IV

**KUMARAGURU COLLEGE OF TECHNOLOGY,
COIMBATORE**

**ACADEMIC UG-REGULATION
2015 (UG-R15)
Amendments**

Role of Class Advisors

- To guide students enrollment and registration of the courses
- To authorize the final registration of the courses at the beginning of each semester

Requirements for completion of a semester

R14	
Existing	Amended
80% overall attendance	Eligibility to write ESM exam of a course $\geq 75\%$

Lack of Attendance

In \leq 3 courses of a semester	R15	Reregister for course in subsequent year or when offered next
In \geq 4 courses of a semester	R15	<ul style="list-style-type: none"> •Cannot write end semester exams of all courses (theory + practical) of that semester •Has to get readmitted in the subsequent year
Lack of attendance in a professional or open elective	R15	The student may register for the same or any other professional or open elective course when offered next.
Grade for courses that are reregistered	R15	Grade 'O-outstanding' will not be offered for range of marks from 90 to 100. For range of marks from 80 to 100, grade 'A+ Excellent' will be offered.

Fails in a Course / Arrears

	R15	
Fails in a course	Option 1: Retain CAM Follows existing procedure of writing supplementary exam / end semester exam	5 th attempt – CAM gets nullified
	Option -2: Re-earn CAM <ul style="list-style-type: none"> •Reregisters for the course in subsequent year or when offered next •Existing CAM gets nullified •Re-earns CAM by taking up internal tests, assignments, group discussions •Attending classes is optional •If fails in end semester examination after re-earning CAM, option -1 only will be provided subsequently. 	
No. of arrears	<p>If a student has arrears in 1st semester courses amounting to greater than 06 credits, the student will not be permitted to register for courses of 5th semester.</p> <p>If a student has arrears in 2nd semester courses amounting to greater than 06 credits, the student will not be permitted to register for courses of 6th semester.</p> <p>If a student has arrears in 3rd semester courses amounting to greater than 06 credits, the student will not be permitted to register for courses of 7th semester.</p> <p>If a student has arrears in 4th semester courses amounting to greater than 06 credits, the student will not be permitted to register for courses of 8th semester.</p>	

CAM (R15)

CAM	No minimum CAM – not a criteria to write End Semester Exams				
CAM compositions	Option 1			Option 2	
	Internal test	2	30 marks	2	30 marks
	Assignments	02 online tests / quiz / written	10 marks	01 minor project	20 marks
	Group presentation	1	10 marks		
Total			50 marks	Total	50 marks

Project

Phase	Assessment	Details	Existing	Amended	Total marks
Phase I	Internal assessment	No. of Reviews: 02 min	100 marks	--	100 marks
		External assessment	NIL	--	
Phase II	Internal assessment	No. of reviews: 03	50 marks	--	100 marks
		Project report	10	--	
		Presentation	20	10	
		Response to queries	20	--	
		Publication quality	--	10	
	External assessment (50 marks)				

Question Paper Related (R14/R15)

Question paper related	Number of Choices in question paper	One choice increased in internal tests and end semester question paper (previously only one question was extra. After amendment 2 questions are extra)
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One credit Courses

Course	Existing	Amended
One credit courses related	One credit courses will be graded, but will not be considered for CGPA calculation	<ul style="list-style-type: none">•. 03 one credit courses will be considered in lieu of one professional elective course of 8th semester.•Grade of such professional elective course will be the average grade of the 03 considered one credit course

Human excellence courses

Human excellence courses	Number of courses	07 courses in curriculum of all UG programs
	Assessment	<ul style="list-style-type: none">•CAM (internally assessed on a continuous bases) for 100 marks•Assessment criteria - Yoga demo (40), assignment (10), internally assessed term end exam (50)

Comprehensive examination (R15)

Comprehensive examination (R15)	Semester	7
	Credit	3
	Mode	Self study professional additional elective
	Registration	Only once
	Pass	Can drop one professional elective in 8 th semester

Thank You



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Amendments

in

Regulation-2015 (ME / M.Tech / MCA / MBA)

Annexure – V

**KUMARAGURU COLLEGE OF TECHNOLOGY,
COIMBATORE**

**ACADEMIC PG-REGULATION
2015 (PG-R15)
Amendments**

Requirements for completion of a semester

R15	
Existing	Amended
80% overall attendance	Eligibility to write ESM exam of a course $\geq 75\%$

CAM (R15)

	Existing			Amended	
	CAM compositions	Internal test	3	40 marks	2
Assignments		--	10 marks	--	10 marks
Total			50 marks	Total	50 marks

Question Paper Related (R15)

Question paper related	Number of Choices in question paper	One choice provided in the last section of end semester question paper
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MCA R15 – AMENDMENTS

S.NO	CLAUSE NO.	EXISTING	AMENDMENTS
1	9. Requirements for Completion of a Semester	<ul style="list-style-type: none"> • Minimum of 80 % overall attendance • On Duty: 20 % of attendance + 5% relaxation can be provided on recommendation. 	<ul style="list-style-type: none"> • Minimum of 75% of Course Attendance
2	12.2 Mark Distribution Table -3(a)	3 Internal Tests	2 Internal Tests
3	Pattern for End Semester Exam Table – 3(b)	No Choice in Part D	Choice of Question given in Part D

MBA-Amendments in Regulation-2015

1. Mandatory Courses – Two mandatory courses in each concentrations instead of three mandatory courses at present(p23 -p27)
2. Attendance – 75% attendance for each course instead of 80% at present and no overall 80 %(6.1.1 - p9) and relaxation norms as per KCT Regulations.
3. Extra credit courses offered (3,P6) accounting for 3 credits.
4. Opening up the electives for third and fourth semester instead of opening up only for third semester. (4.6 , p8)

Thank You



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MEMBERS LIST OF THE

13TH ACADEMIC COUNCIL

Meeting



Academic Council

MEMBERS OF THE ACADEMIC COUNCIL (As on 06.08.2016)

Special Invitee

Shri. Shankar Vanavarayar	Joint Correspondent
---------------------------	---------------------

Members

01	Dr.R.S.Kumar	Chairman, Academic Council & Principal
02	Mr.M.Senthilkumar	HOD i/c / Aeronautical Engineering
03	Prof.C.Vasantharaj	Prof & HOD / Automobile Engineering
04	Dr. N. Saraswathy	HOD i/c / Bio-Technology
05	Dr. J. Premalatha	Prof & HOD / Civil Engineering
06	Dr.P.Devaki	Prof &HOD / Computer Science & Engineering
07	Dr.Rani Thottungal	Prof & HOD / Electrical & Electronics Engineering
08	Dr.K.Malarvizhi	Prof & HOD i/c / Electronics & Communication Engineering
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering
10	Dr.Vijila E Kennedy	Director,MBA
11	Dr.V. Geetha	Prof & HOD / MCA
12	Dr.V.Muthukumaran	Prof & HOD / Mechanical Engineering
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering
14	Dr.J.Srinivasan	Prof & HOD / Fashion Technology
15	Dr.J.Senthil	Prof & HOD / Information Technology
16	Dr. T.Arunachalam	Prof & HOD / Science & Humanities
17	Dr.Bhaarathi Dhurai	Prof & HOD / Textile Technology
18	Dr.P.K.Giridharan	Prof. i/c of PG / Mechanical Engineering

19	Prof.K.Ramprakash	Prof. i/c of PG / Electronics and Communication Engineering
20	Dr.J.Vijay Prakash	Deputy Controller of Examinations

Teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the College

21	Dr.R.Manivel	Prof. Mech. (Prof..i/c. R&D)
22	Pro.P.Thirumoorthi	Assoc.Prof / EEE Department
23	Prof. T. R. Sukumar	Associate Professor/Mechanical Engineering Department/Deputy Controller of Examinations

Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,

24	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	selvan.cm@srmuniv.ac.in selvancm@gmail.com director.et@srmuniv.ac.in +91-44-27456020 099400 36004
25	Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	Niranjan.P@c-a-m.com Tel: (91) 422 3995010 Fax: (91) 422 3995001 98947 90810
26	Mr.R.Ramesh (KCT Alumni – 84-88 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	ramesh@janatics.co.in Tel: +91 422 2672800 Fax: +91 422 2672304 98943 18377
27	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	Sudha11@yahoo.com Sudha.rengarajan@intel.com Direct: +91 80 2605 3939 Cell: +91 99803 93108 Fax: +91 80 2605 5251
28	Mr.Hariharan Ganesan (Hari) KCT Alumni	Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix, #20, HMT Road, Yeshwantpur, Bangalore – 560 022.	Hariharam.Ganesan@weirgroup.com Tele: +91 80 4044 9091 Cell: +91 96209 11677 Fax: +91 80 4044 9001

Nominee of the University

29	Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai- 600 025	meena68@annauniv.edu Cell: 9444302041.
30	Dr.T.Senthilkumar	Dean Department of Automobile Engineering Bharathidasan Institute of Technology (BIT Campus), Anna University, Tiruchirappalli – 620 024..	kmtsenthil@gmail.com Cell:9443267846
31	Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai – 600 044	nmuthu@mitindia.edu Tele: 044-22516332,22516115 Cell: 9444981996 Fax: 044-22232403

Faculty member nominated by the Principal (Member Secretary)

32	Prof.S.Bhaskar	Center for Academic Excellence
----	----------------	--------------------------------

Students Representative

33	14BME156	Tanmay Mukherjee	BE-Mechanical Engineering	
34	13BEC170	Vineeth Kumar D	B.E.Electronics & Communication Engineering	
35	14BBT021	Gowthama Prabu U	B.Tech Biotechnology	
36	15MIE06	Pradeep kumar.N	ME-Industrial Engineering	
37	15MCO007	Nandhini. V	ME-Communication Engineering	
38	15MBT004	Mirra R R	M.Tech. Biotechnology	



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ANNEXURE – I

01. AGENDA OF THE 13TH ACADEMIC COUNCIL

MEETING NOTICE CIRCULATED TO MEMBERS



coordinator autonomous <coordinator.autonomous@kct.ac.in>

Kumaraguru College of Technology-13th Academic Council meeting-06 August 2016 (Sat) -reg

coordinator autonomous <coordinator.autonomous@kct.ac.in>

Mon, Aug 1, 2016 at 4:02
PM

To: Hods <hods@kct.ac.in>, head ece <hod.ece@kct.ac.in>, HoD Automobile <hod.auto@kct.ac.in>, head science and humanities <hod.sci@kct.ac.in>, Principal KCT <principal@kct.ac.in>, head mca <hod.mca@kct.ac.in>, vijila@kctbs.ac.in, Giridharan PK <giridharan.pk.mec@kct.ac.in>, RAMPRAKASH k <ramprakash.k.ece@kct.ac.in>, Manivel R <manivel.r.mec@kct.ac.in>, THIRUMOORTHY P <thirumoorthi.p.eee@kct.ac.in>, Guhan M <selvan.cm@srmuniv.ac.in>, selvanm@gmail.com, director.et@srmuniv.ac.in, niranjan.p@c-a-m.com, ramesh@janatics.co.in, sudha11@yahoo.com, sudha.rengarajan@intel.com, hariharan.Ganesan@weirgroup.com, meena68@annauniv.edu, Senthilkumar Thamilkolundu <kmtsenthil@gmail.com>, nmuthu@mitindia.edu, Centre for Academic Excellence <cefd@kct.ac.in>, coes <coes@kct.ac.in>
Cc: Shankar Vanavarayar <sv@kct.ac.in>

Dear Sir,

Sub:Kumaraguru College of Technology - 13th Academic Council-meeting-06.08.2016.

Greetings!

The 13th Academic Council meeting of Kumaraguru College of Technology, Coimbatore-49 has been scheduled on 06th August 2016 (Saturday). Please find enclosed the letter for inviting you to attend the meeting and the agenda for the meeting.


Kindly make it convenient to attend the meeting.

Thanking you,

Yours truly

Dr.R.S.Kumar

Principal / Chairman-Academic Council

 **KCT-13th-AC meeting-6.8.16.pdf**
345K



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www.kct.ac.in

[An Autonomous
Institution
Established in 1984
Affiliated to
Anna University Chennai
Approved by
AICTE, New Delhi
Accredited by NAAC]

Ref: KCT/ACM/M13/2016-17

Date: 01.08.2016

Dear Sir / Madam,

Sub: Kumaraguru College of Technology – 13th Meeting of the Academic Council of Academic
Autonomy - Reg.

We wish to inform that the 13th Meeting of the Academic Council of Academic Autonomy of
Kumaraguru College of Technology, Coimbatore, is scheduled to be held at 10.00 am on Saturday the
06th August 2016 at the Committee Room of Dr.Mahalingam Vigyan Bhavan.

AGENDA OF THE MEETING

- (1) Approval of the minutes of the Standing Committee meeting.
- (2) Approval of UG Regulation-2015 curriculum & syllabi for semester 3 to semester 8.
- (3) Amendments made in Regulation-2014 & 2015.
- (4) Approval of PG-MBA-Regulation-2015 curriculum & syllabi for semester 1 to semester 4.
- (5) Approval of the results for UG / PG Nov / Dec-2015 and Apr / May -2016 examinations.
- (6) Approval of the minutes of the Finance Committee meeting.
- (7) Any other matter with the permission of the Chairman, Academic Council.

Kindly make it convenient to attend the meeting as per schedule.

Thanking you

Yours truly,

Principal
Dr.R.S.Kumar
(Chairman, Academic Council)

To

Members concerned



P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA
Voice : +91 422 266 11 00 Fax : +91 422 266 94 06
info @kct.ac.in



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ANNEXURE – II

Enclosed the following copy of the xerox submitted in the 13th Academic Council Meeting.

- 01.** Minutes of the **12th** meeting of the Academic Council.

- 02.** Minutes of the **16th** meeting of the Standing Committee.



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01. Minutes copy of the 12th

Academic Council

meeting



Minutes of the 12th Meeting of Academic Council of the Autonomous Body

The 12th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 25.07.2015 from 10 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

- | | |
|----------------------------|---|
| 1. Dr.R.S.Kumar | Chairman-Academic Council / Principal |
| 2. Dr.S.Elangovan | Prof. & HOD / AE |
| 3. Prof.C.Vasantharaj | Prof & HOD / AUT |
| 4. Dr. N. Sarasvathy | HOD i/c/ BT |
| 5. Dr.J.Premalatha | Prof. & HOD / Civil |
| 6. Dr.P.Devaki | HOD i/c / CSE |
| 7. Dr.Rani Thottungal | Prof. & HOD / EEE |
| 8. Dr.Rajeswari Mariappan | Prof. & HOD / ECE |
| 9. Dr.M.Ezhilarasi | Prof. & HOD / EIE |
| 10. Dr.J.Srinivasan | Prof. & HOD / FT |
| 11. Dr.Ramalatha Marimuthu | Prof. & HOD / IT |
| 12. Dr.P.K.Giridharan | Prof. & HOD / Mechanical |
| 13. Dr. S.A.Pasupathy | Prof. & HOD i/c / MCE |
| 14. Dr.Vijila Kennedy | Director / MBA |
| 15. Dr.V. Geetha | Prof.&HOD i/c / MCA |
| 16. Dr.Bhaarathi Durai | Prof. & HOD / TXT |
| 17. Dr.A.Vasuki | Head i/c of PG / ECE |
| 18. Dr. S. Gopal | Prof. & HOD/ S&H |
| 19. Dr.S.Thangasamy | Prof. & Dean (R& D) |
| 20. Dr.V.Muthukumaran | Head i/c of PG / Mechanical Engineering |
| 21. Prof.T.R.Sukumar | Deputy Controller of Examinations |
| 22. Dr.J.Vijay Prakash | Deputy Controller of Examinations |
| 23. Prof S. Bhaskar | Center for Academic Excellence (Member Secretary) |

Members nominated by KCT:

- | | |
|-------------------|---|
| 24. Mr.Niranjan.P | Executive Director, Cameron Manufacturing India Pvt Ltd, 3rd Floor, TIDEL Park, Coimbatore. |
| 25. Mr.R.Ramesh | Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Coimbatore. |

S. Ramesh
C.A.E / KCT

26. Ms.Sudha Rengarajan

Enterprise Architect, Intel Technology India Pvt Ltd,
Devarabeesanahalli, Hobli, Bangalore.

Members Nominated by Anna University:

27. Dr.V. Selladurai

Principal, Coimbatore Institute of Technology,
Aerodrome Post, Coimbatore.

28. Dr.M.Kannan

Associate Professor / Head i/c, Department of
Electronics Engineering, Anna University, Chennai.

29. Dr.N.Devarajan

Professor, Department of Electrical Engineering,
Government College of Technology, Coimbatore.

Student representatives (UG/PG):

30. Mr. C.Sivakumar-Roll No-14MIE021

PG Student Representative-IIInd year IE

31. Ms. S.Suwathikaa – Roll No-12BBT053

UG Student Representative-IVth year BT

32. Ms. S.Dharani- Roll No-12BCE010

UG Student Representative-IVth year IE

33. Ms. R.Dhasharathi-Roll No-14MCO008

PG Student Representative-IIInd year COS

34. Ms. M.Rahul-Roll No-12BCS086

UG Student Representative-IVth year CSE

35. Mr. R.Aravindh Krishna-Roll No-12BME015

UG Student Representative-IVth year ME

01. Welcome Address

Dr.R.S.Kumar, Principal, KCT and Chairman – Academic council welcomed the members to the 12th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Prof.S.Bhaskar, Center for Academic Excellence and were approved by the academic council:

- a. Minutes of the 11th Academic Council meeting held on 25.07.2014.
- b. Minutes of the Standing Committee meeting held on 07.07.2015.
- c. Newly inducted members to the academic council
- d. Amendments in regulation 2013 and regulation 2014

UG Regulation 2013 amendments:

Change of course code:

- i. CSE /IT U13 MAT402 Signal and systems instead of U13 MAT401 Signal and systems
- ii. EIE/CSE/IT MCE U13ECT511 Digital signal processing in 5th semester as a common course instead of U13ECT512

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UG Regulation 2014 amendments:

- i. Project phase – I (Max. 2 credits)
- ii. Assessment of Human Excellence courses.

UG/PG Regulation 2014 amendments:

- i. Separate Grade sheet for supplementary exams
- ii. 2 presentation assignment pattern
- iii. Internal test question paper pattern-4

MCA Regulation 2014 amendments:

- i. Three internal tests instead of two internal tests

03. Approval of CBCS Regulation 2015 (UG-BE/BTech and PG-ME/M.Tech)

The CBCS regulations mentioned below were presented by Prof.S.Bhaskar, Center for Academic Excellence and were approved by the academic council:

Sl.No.	Regulation	Approval
1.	CBCS Regulation 2015 (UG-BE/B.Tech) (norms & rules)	The academic council granted approval for the CBCS Regulation 2015 (UG-BE/BTech and PG-ME/M.Tech)
2.	CBCS Regulation 2015 (PG-ME/M.Tech) (norms & rules)	

04. Approval of Results

Prof. T.R.Sukumar, Deputy Controller of Examinations presented the results for UG/PG Nov/Dec-2014 and April/May-2015 and the same was approved by the academic council.

05. Approval of Curriculum & Syllabus for Regulation 2013 UG (BE/BTech) for semesters 5 to 8

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 5 to semester 8) Regulation-2013 (R13) for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1.	Aeronautical Engineering	Semester 5 to semester 8	The academic council granted approval for the curriculum and syllabus (Semester 5 to 8) for the 13 UG programmes
2.	Automobile Engineering		
3.	Biotechnology		
4.	Civil Engineering		
5.	Computer Science & Engineering		
6.	Electrical & Electronics Engineering		
7.	Electronics & Communication Engineering		
8.	Electronics & Instrumentation Engineering		
9.	Fashion Technology		
10.	Information Technology		
11.	Mechanical Engineering		
12.	Mechatronics Engineering		
13.	Textile Technology		

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06. Approval of Curriculum & Syllabus for Regulation 2014 UG (BE/BTech) for semesters 3 to 8

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 3 to semester 8) Regulation-2014 (R14) for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering	Semester 3 to semester 8	The academic council granted approval for the curriculum and syllabus (Semester 3 to 8) for the 13 UG programmes
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		
5	Computer Science & Engineering		
6	Electrical & Electronics Engineering		
7	Electronics & Communication Engineering		
8	Electronics & Instrumentation Engineering		
9	Fashion Technology		
10	Information Technology		
11	Mechanical Engineering		
12	Mechatronics Engineering		
13	Textile Technology		

07. Approval of revised Curriculum & Syllabus for Regulation 2014 PG (ME/M.Tech) for semesters 3 & 4

The Hods presented the revised curriculum and syllabus for PG (ME / M.Tech)-(semester 3 and semester 4) Regulation-2014 (R14) for 12 PG programmes:

Sl.No.	Programme	Semesters	Approval
1.	Biotechnology	Semester 3 and semester 4	The academic council granted approval for the revised curriculum and syllabus (Semester 3 & 4) for the 12 PG programmes
2.	Structural Engineering		
3.	Computer Science & Engineering		
4.	Power Electronics & Drives		
5.	Applied Electronics		
6.	Communication Systems		
7.	Embedded System Technologies		
8.	Industrial Engineering		
9.	Energy Engineering		
10.	CAD/CAM		
11.	Textile Technology		
12.	Apparel Technology		

08. Ratification of MCA Regulation 2014 (R14) , MCA R14 Curriculum & Syllabus for semesters 1 to 6

The HoD of MCA presented the MCA regulation 2014 curriculum and syllabus for semester 1 to semester 6

Sl.No.	Programme	Approval
1.	MCA	The academic council ratified:

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		<ul style="list-style-type: none"> ◦ MCA^o- Regulation 2014 (R14) ◦ MCA R14 curriculum and syllabus for semester 1 to semester 6.
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09. Ratification of MBA Regulation 2014 (R14)

The Director of MBA presented the:

1. MBA Regulation 2014

Sl.No.	Programme	Approval
1.	MBA	The academic council ratified: <ul style="list-style-type: none"> ◦ MBA – Regulation 2014 (R14)

10. Approval of Curriculum & Syllabus for CBCS Regulation 2015 UG(BE/BTech) for semesters 1 and 2

The HoD of Science and Humanities presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 1 and semester 2) CBCS Regulation-2015 (R15) with minor modification only in curriculum (not syllabus) of Regulation-2014 of 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1.	Aeronautical Engineering	Semester 1 and semester 2	The academic council granted approval for the curriculum and syllabus under CBCS Regulation 2015 (R15) (Semester 1 and 2) for the 13 UG programmes
2.	Automobile Engineering		
3.	Biotechnology		
4.	Civil Engineering		
5.	Computer Science & Engineering		
6.	Electrical & Electronics Engineering		
7.	Electronics & Communication Engineering		
8.	Electronics & Instrumentation Engineering		
9.	Fashion Technology		
10.	Information Technology		
11.	Mechanical Engineering		
12.	Mechatronics Engineering		
13.	Textile Technology		

11. Approval of Curriculum & Syllabus for CBCS Regulation 2015 PG(ME/M.Tech) for semesters 1 to 4

The Hods presented the curriculum and syllabus for PG (ME / M.Tech)-(semester 1 to semester 4) CBCS Regulation-2015 (R15) for 12 PG programmes:

Sl.No.	Programme	Semesters	Approval
1	Biotechnology	Semester 1	The academic council
2	Structural Engineering		

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[Handwritten Signature]

3	Computer Science & Engineering	to semester 4	granted approval for the curriculum and syllabus (Semester 1 to 4) for the 12 PG programmes
4	Power Electronics & Drives		
5	Applied Electronics		
6	Communication Systems		
7	Embedded System Technologies		
8	Industrial Engineering		
9	Energy Engineering		
10	CAD/CAM		
11	Textile Technology		
12	Apparel Technology		

12. Approval of MCA - CBCS Regulation 2015, Curriculum & Syllabus for MCA- CBCS R15 for semesters 1 to 6

The HoD of MCA presented the MCA-CBCS regulation 2015, curriculum and syllabus for MCA –R15 (semester 1 to semester 6):

Sl.No.	Programme	Approval
1.	MCA	The academic council approved: <ul style="list-style-type: none"> • MCA – CBCS Regulation 2015 (R15) • MCA R15 curriculum and syllabus for semester 1 to semester 6.

13. Approval of MBA - CBCS Regulation 2015

The Director of MBA presented the MBA-CBCS regulation 2015:

Sl.No.	Programme	Approval
1.	MBA-CBCS regulation 2015	The academic council granted approval for the MBA – CBCS Regulation 2015

Suggestion by the external members of the Academic Council:

1. The members suggested to consider offering self study courses to UG programmes. It was informed that self study courses were offered to PG programmes as an experiment and based on the outcome, the pattern may be extended to the UG programmes.
2. The members suggested to have the percentage of “Professional Core courses” in the curriculum closer to the maximum percentage suggested by AICTE.

Vote of Thanks

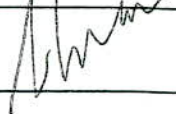






Prof.S.Bhaskar, Center for Academic Excellence, proposed vote of thanks.

S. a



Approved by

Signature

Dr.R.S.Kumar	Chairman-Academic Council Principal	
Nominee of Anna University		
Dr.V. Selladurai	Principal, Coimbatore Institute of Technology, Coimbatore	
Dr.M.Kannan	Associate Professor / Head i/c Department of Electronics Engineering Anna University, Chennai	 25/7/15
Dr.N.Devarajan	Professor, Department of Electrical & Electrical Engineering, Government College of Technology, Coimbatore.	
Expert Nominated by Governing Body		
Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Coimbatore	
Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, Coimbatore	
Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, Coimbatore	

The meeting came to an end at 4.00 PM.

S.P.
C. BHASKARAN
CRE/KCT


Chairman, Academic Council /Principal

To: All the members

Copy to: Co-Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information





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02. Minutes copy of the 16th meeting

of the

Standing Committee.

Kumaraguru College of Technology, Coimbatore 641 049
(An Autonomous Institution affiliated to Anna University, Chennai)

Office of the Coordinator Autonomous

KCT/COE/G-SCM/113/2016-2017

26.07.2016

Minutes of the meeting of Standing Committee of the Academic Council

A meeting of the Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore was held on Tuesday, 26th July 2016 at 3.30 pm in the 'B' Block Conference Hall.

The following members were present for the meeting.

Standing Committee Members

Dr.R.S.Kumar	Principal
Dr. J.Premalatha	HOD / CE.
Dr.V.Muthukumar	HOD / ME.
Dr. R.Venkatesan	HOD / MCE
Mr.M.Senthikumar	HOD i/c. / Aero
Dr.M.Ezhilarasi	Prof & HOD / EIE
Dr.Rani Thottungal	HOD / EEE
Dr.K.Malarvizhi	HOD / ECE.
Dr.P.Devaki	HOD / CSE.
Dr.J.Senthil	HOD / IT
Dr.Bhaarathi Dhurai	HOD / TXT.
Dr.J.Srinivasan	HOD / FT.
Dr. N. Sarasvathi	HOD i/c / BT
Prof.C.Vasantharaj	Prof & HOD / AU
Dr.V. Geetha	HOD / MCA.
Dr.Vijila E Kennedy	Director / MBA
Dr. T.Arunachalam	Prof & HOD / Science & Humanities
Prof.T.R.Sukumar	Deputy Controller of Examinations
Dr.J.Vijay Prakash	Deputy Controller of Examinations



The following points were discussed in the meeting:

01. The curriculum and syllabus (semester 3 to semester 8) for Regulation-2015 for UG is presented and approved.
02. The amendments made in the following is presented and approved.
 - a) Amendments made in Regulation-2014 –UG (BE/B.Tech) PG (MCA).
 - b) Amendments made in Regulation-2015- UG (BE/B.Tech) PG (ME/M.Tech/MCA)
 - c) Amendments made in Regulation-2015-UG-semester 1 and semester 2 (batch 2015 & 2016).
03. The curriculum and syllabus for MBA – Regulation-2015 for semester 1 to semester 4 is presented and approved.

The meeting ended at 4 pm.



Chairman, Academic Council / Principal

To

All the members concerned

Copy submitted to the Chairman, for kind information

Copy submitted to the Correspondent, for kind information

Copy submitted to Joint Correspondent for kind information





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Annexure – III

COPY OF THE POWER POINT PRESENTATION.



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**Welcome to the Respected Members of the
Academic Council of
Kumaraguru College of Technology
(Autonomous)
06th August 2016**



Meeting of the 13th Academic Council

Meeting - Agenda

1. Approval of the 12th Academic Council meeting minutes
2. Academic Council members and approval of the new members of the Academic Council
3. Approval of the minutes of the Standing Committee meeting
 - a. Approval of the amendments made in the regulation-2014 and Regulation 2015 – UG / PG / PG-MCA
 - b. Approval of the amendments made in curriculum & Syllabi for UG (BE/B.Tech) Semester 1 and Semester 2 of Regulation – 2015 (batch 2015 & batch 2016)



OVERALL DEGREE DETAILS

2015-2016 Academic Year programme completed batch

APRIL / MAY 2016 EXAMINATIONS- (UG / PG)*

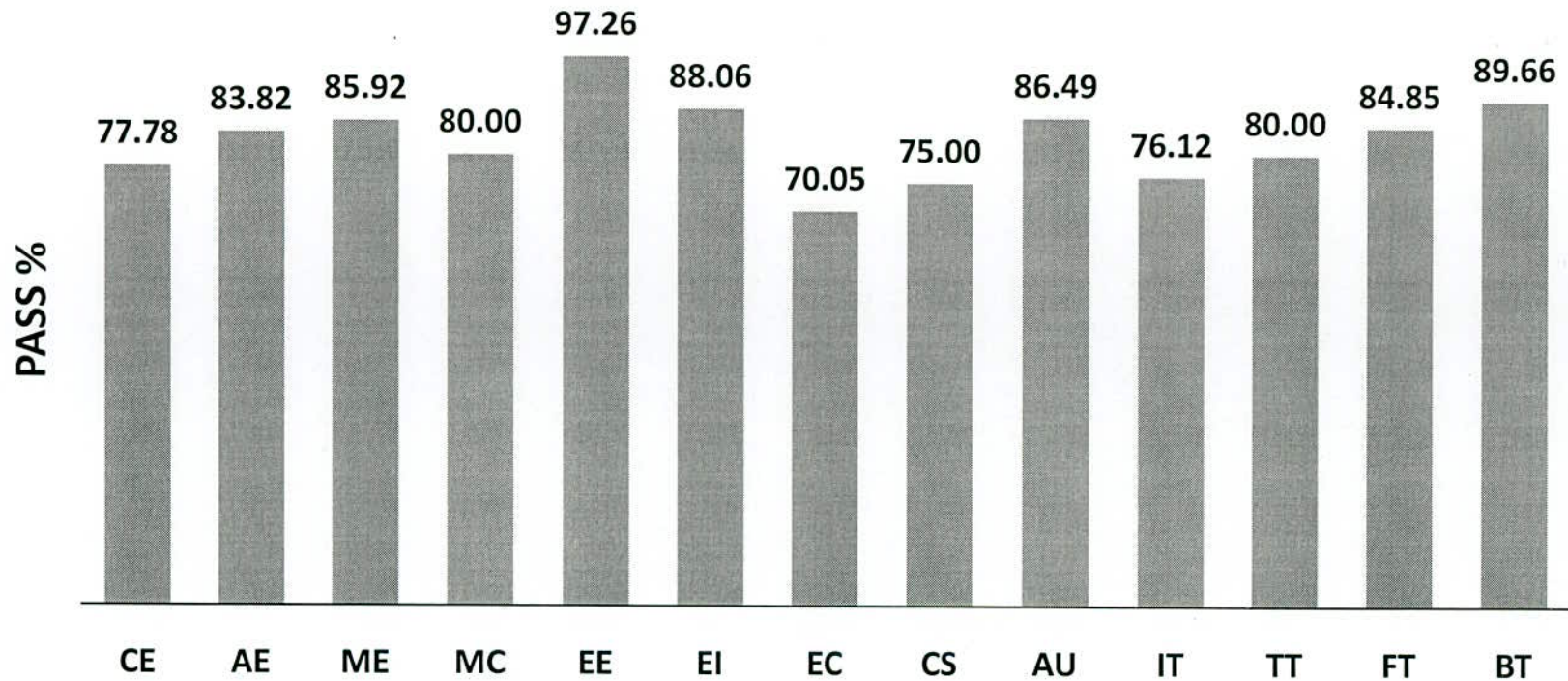
- **TOTAL NUMBER OF STUDENTS APPEARED(UG) : 1236**
- **DEGREE COMPLETED STUDENTS (UG) : 1004**
- **PASS % (UG): 81.23%**
- **TOTAL NUMBER OF STUDENTS APPEARED (PG) : 505**
- **DEGREE COMPLETED STUDENTS(PG): 399**
- **PASS % (PG) : 79.00 %**

* excluding arrear ,special supplementary and revaluation



**BRANCHWISE DEGREE DETAILS (2015 – 2016 ACADEMIC YEAR)
APRIL 2016 EXAMINATIONS (UG)**

81.23%

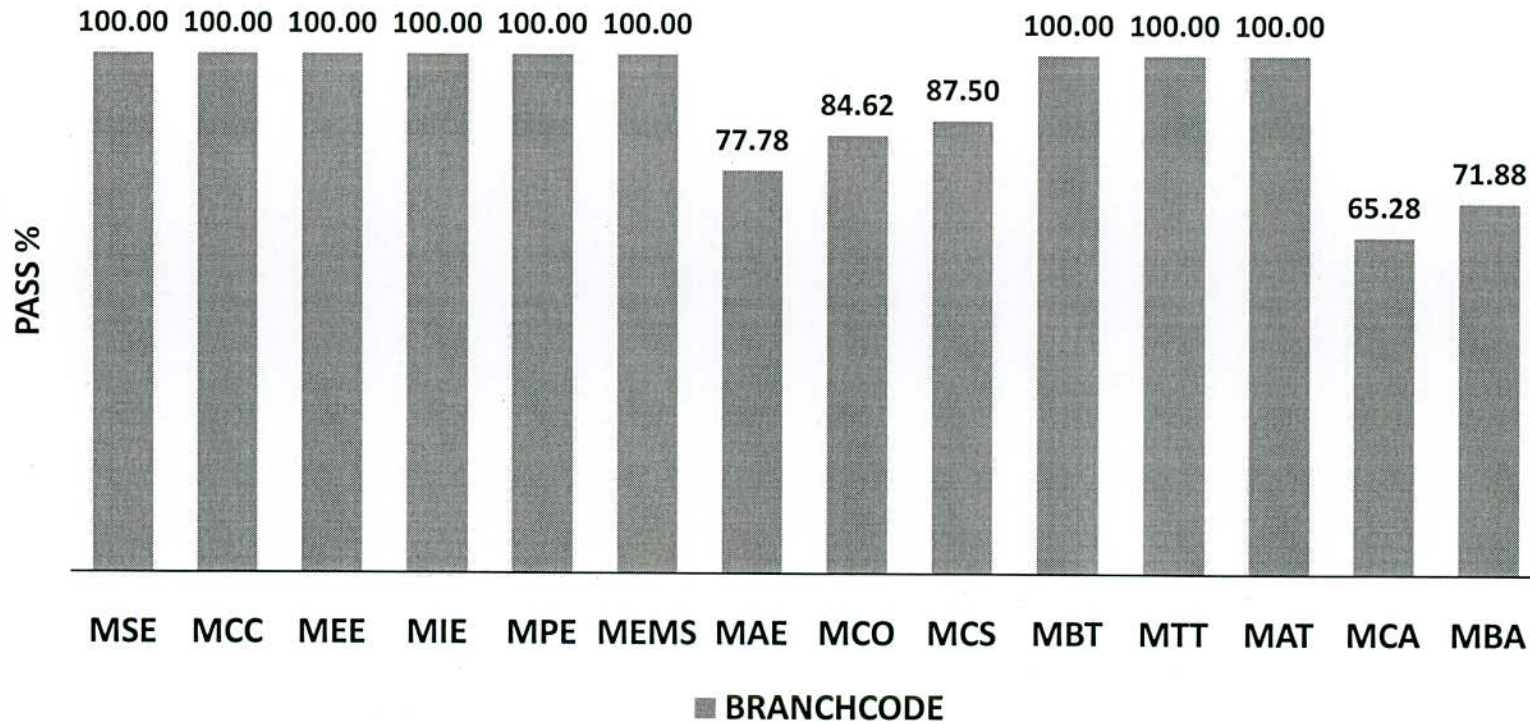


DEGREE	TOTAL NO OF STUDENTS	TOTAL NO OF STUDENTS PASSED	PASS%	FCD	%	FC	%	SC	%
UG	1236	1004	81.23	216	21.51	749	74.60	39	3.88



BRANCHWISE DEGREE DETAILS (2015 – 2016 ACADEMIC YEAR)
APRIL 2016 EXAMINATIONS (PG)

79 %



DEGREE	TOTAL NO OF STUDENTS	TOTAL NO OF STUDENTS PASSED	PASS%	FCD	%	FC	%	SC	%
PG	505	399	79.00	45	11.28	237	85.46	13	3.26



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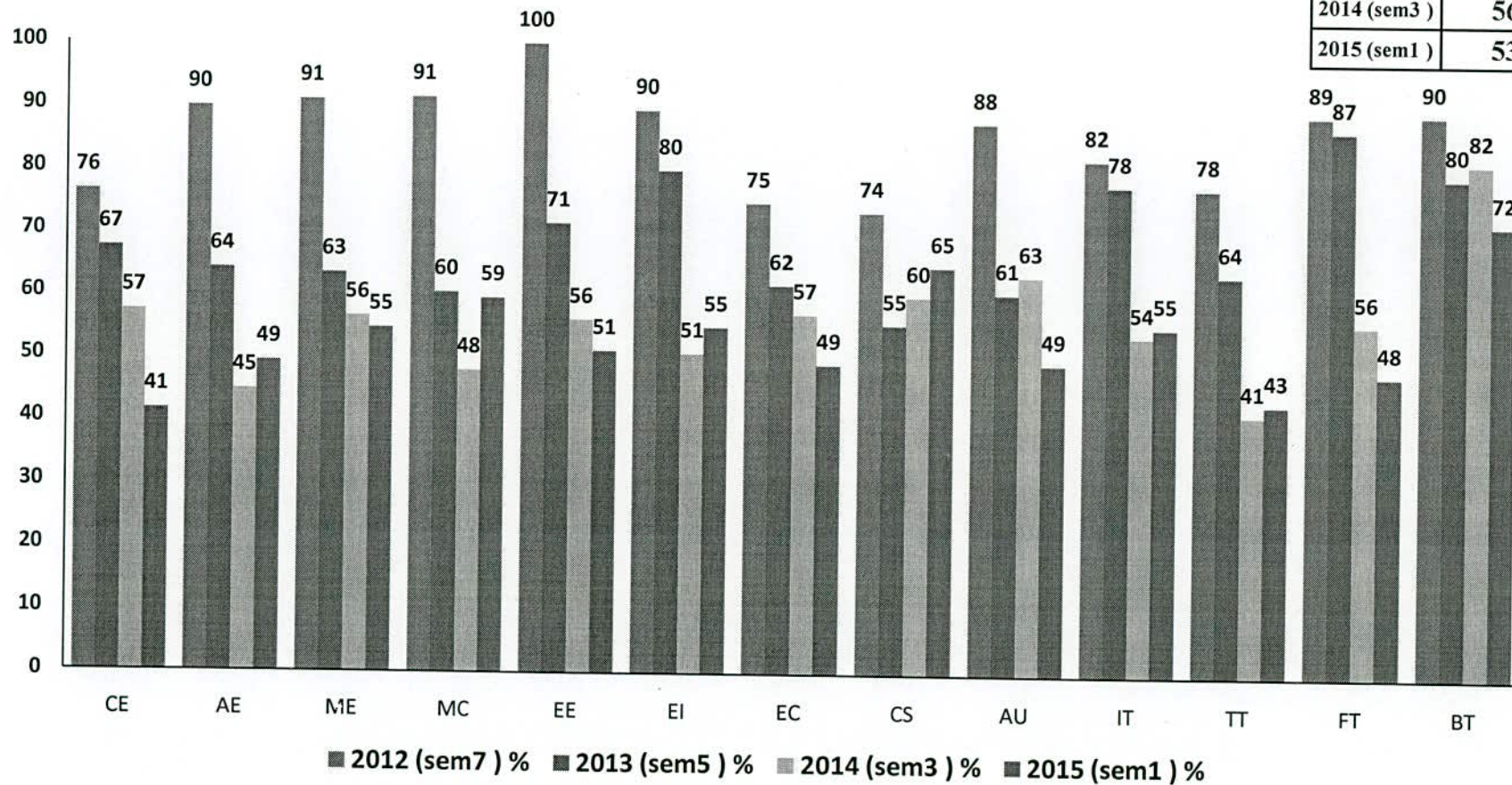
Results – UG Programmes

Nov / Dec – 2015



**OVERALL BRANCHWISE RESULT PERFORMANCE (ALL B.E / B.TECH DEGREE PROGRAMME)
NOV / DEC 2015 EXAMINATIONS**

OVERALL PASS %	
2012 (sem7)	84
2013 (sem5)	66
2014 (sem3)	56
2015 (sem1)	53





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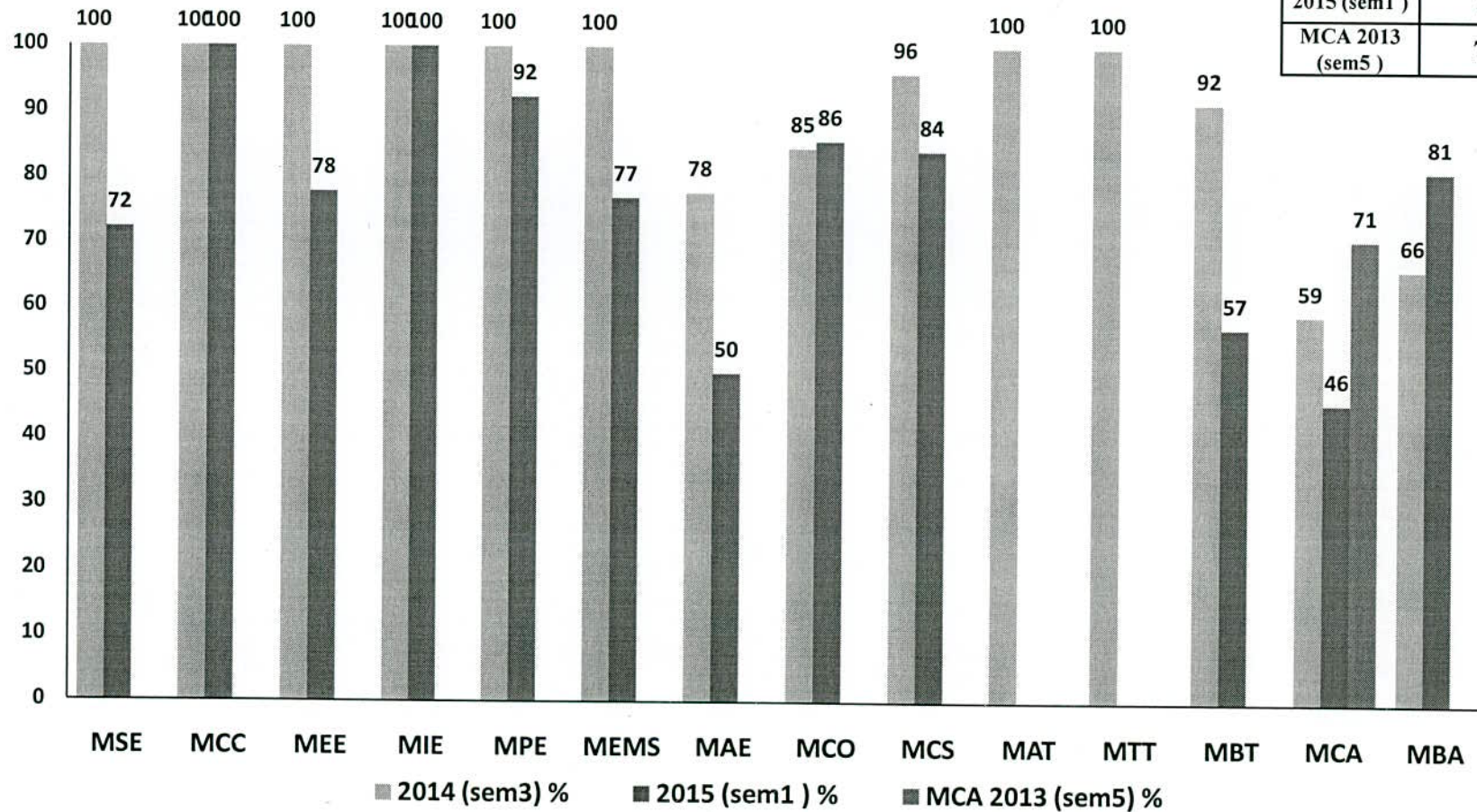
Results – PG Programmes

Nov / Dec – 2015



**OVERALL BRANCHWISE RESULT PERFORMANCE (ALL M.E / M.TECH / MCA / MBA DEGREE PROGRAMME)
NOV / DEC 2015 EXAMINATIONS**

OVERALL PASS %	
2014 (sem3)	75
2015 (sem1)	76
MCA 2013 (sem5)	71





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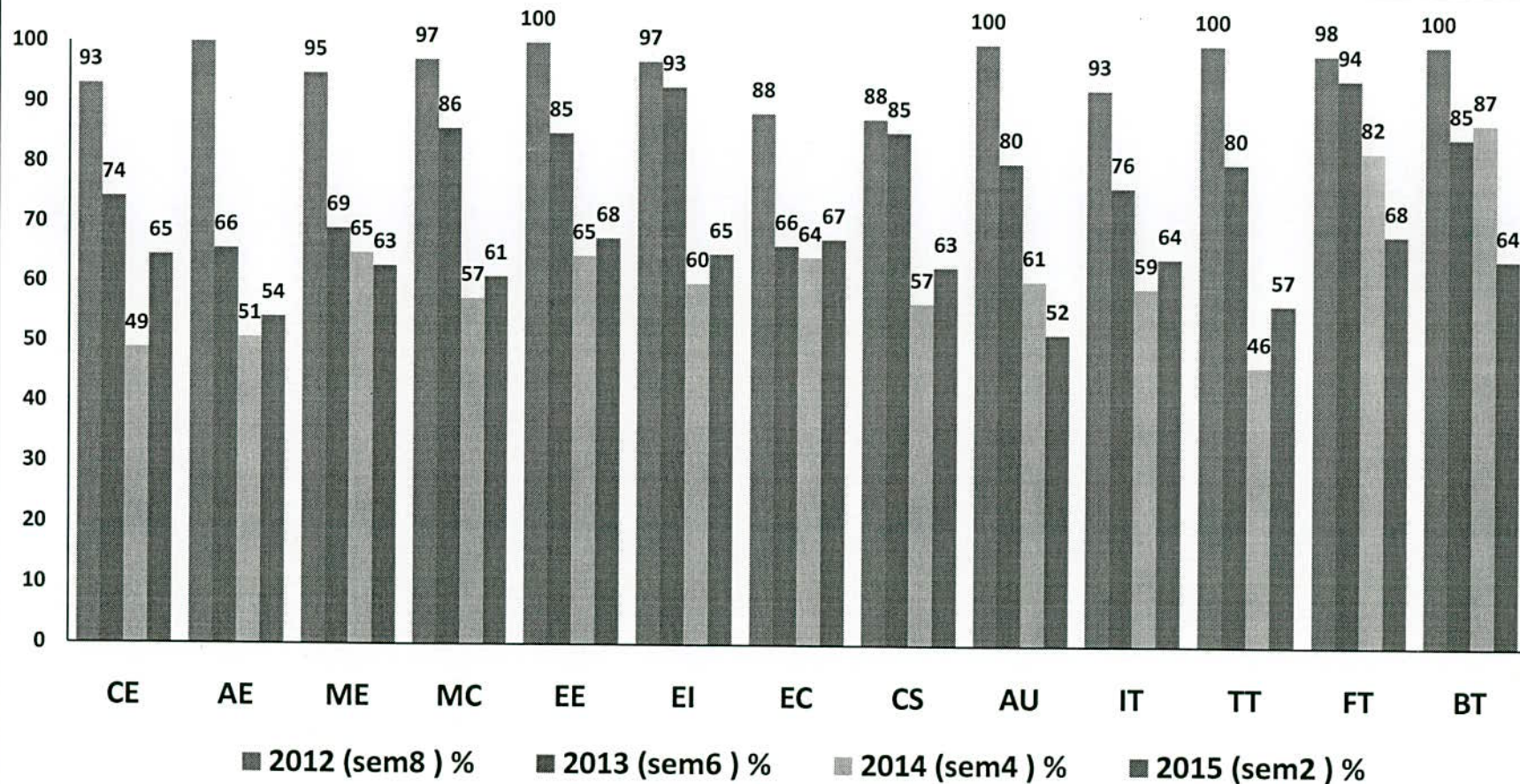
Results – UG Programmes

April / May – 2016



**OVERALL BRANCHWISE RESULT PERFORMANCE (ALL B.E / B.TECH PROGRAMME)
APR / MAY 2016 EXAMINATIONS**

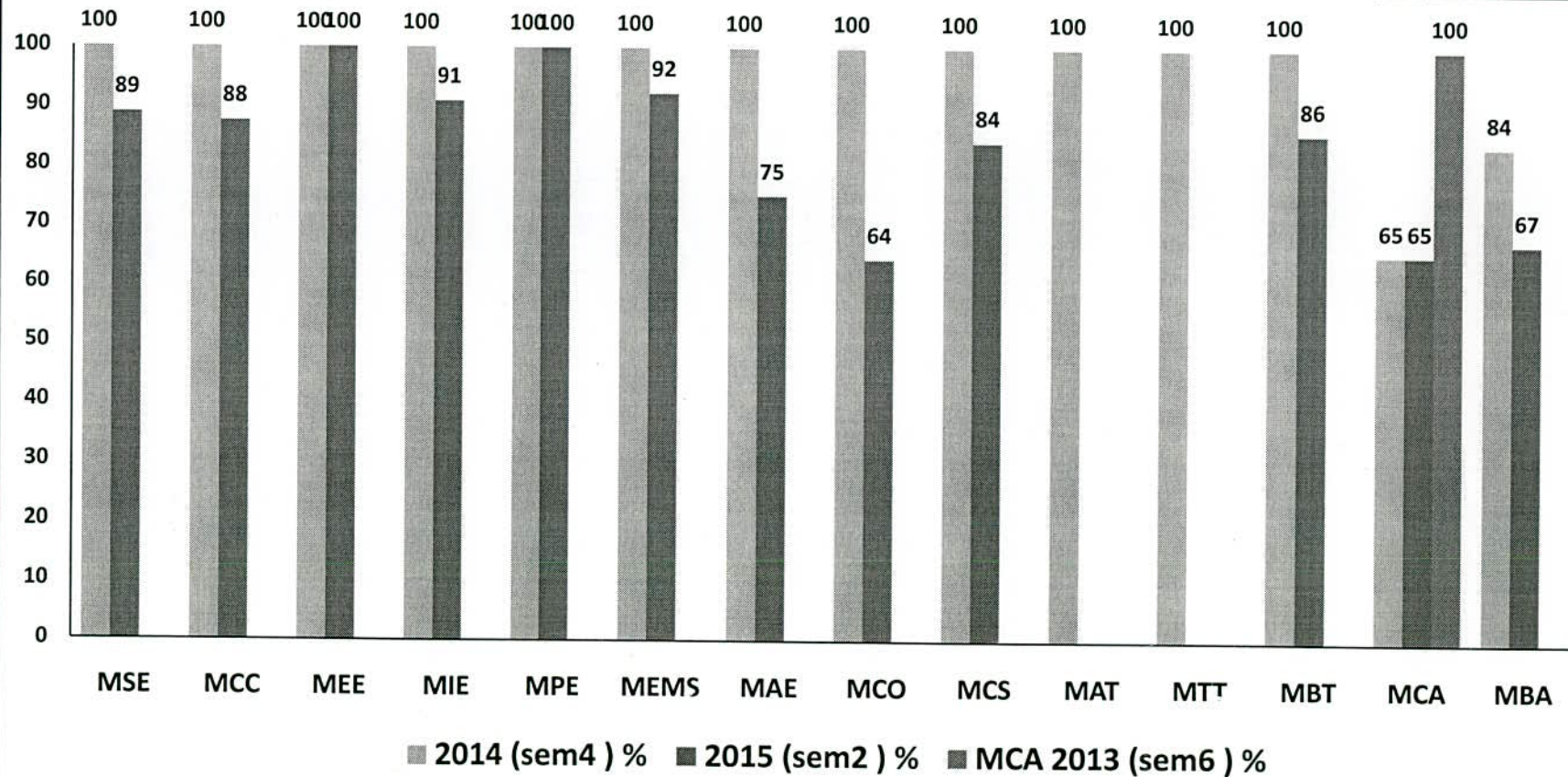
OVERALL PASS %	
2012 (sem8)	95
2013 (sem6)	78
2014 (sem4)	62
2015 (sem2)	66





**OVERALL BRANCHWISE RESULT PERFORMANCE (ALL M.E / M.TECH / MCA / MBA DEGREE PROGRAMME)
APR / MAY 2016 EXAMINATIONS**

OVERALL PASS %	
2014 (sem4)	85
2015 (sem2)	74
MCA 2013 (sem6)	100





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Thank you