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**TKM COLLEGE  
OF ENGINEERING**  
(GOVERNMENT AIDED AND AUTONOMOUS)



celebrating 60 years of excellence

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**MINUTES OF MEETING**

3<sup>rd</sup> ACADEMIC COUNCIL MEETING  
12<sup>TH</sup> JUNE 2023

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**TKM COLLEGE OF ENGINEERING**  
**(GOVERNMENT AIDED AND AUTONOMOUS)**  
**KOLLAM-691005**  
**3<sup>rd</sup> ACADEMIC COUNCIL MEETING HELD**  
**AT 10.30 AM ON 12 JUNE 2023**

**ACADEMIC COUNCIL**

The Third Academic Council was held online on June 12, 2023, at 10.30 a.m. through Google meet Platform.

**Agenda of Meeting**

1. Welcome and Introductory Remarks by the Chairman
2. Previous minutes and action taken report
3. Discussion and Approval of B.Tech Curriculum 2023
4. Approval of following syllabus Recommended by BoS
  - 4.1 B.Tech Syllabus -S1 & S2
  - 4.2 B.Arch Syllabus-S1 & S2
  - 4.3 MCA Syllabus-S1 & S2
5. Introduction of Post Doctoral fellowship
6. Any Other item

**Members**

1. Dr. T. A. Shahul Hameed, Chairman
2. Sri S. Kasthuriengan, Professor (Retired), IISC, Bangalore
3. Dr. Sameer S. M., Dean(Academics), NIT Calicut
4. Sri. P H Kurian., IAS (Rtd)
5. Sri. Chandra Koduru., Vice President & Head, India Operations at eClinical Solutions(Absent)
6. Sri. Afsal Musaliar., Managing Director, Supreme Group of Companies, Kollam
7. Sri. Anwar Musaliar., Program Manager, Ernst and Young
8. Dr. Ajayan K. R., Professor & Head , Department of Electronics & Communication, College of Engineering, Thiruvananthapuram
9. Dr. Salim A., Professor, Department of Computer Science and Engineering, Government Engineering College, Thrissur
10. Dr. Hari V. S., Professor, Department of Electronics & Communication, College of Engineering, Chengannur
11. Dr. Sajeeb R., HoD, Civil Engg. Dept.
12. Dr. Dileep P. N., HoD, Mechanical Engg. Dept.
13. Dr. Sabeena Beevi K., HoD, Electrical and Electronics Engg. Dept
14. Prof. Shabeer S., HoD, Electronics and Communication Engg. Dept.
15. Dr. Saibi R., HoD, Chemical Engineering Dept.
16. Dr. Dimple A. Shajahan., HoD, Computer Science and Engineering Dept.



17. Dr. Annie John., HoD, Architecture Dept.
18. Dr. Fousia M. Shamsudeen., HoD, MCA Dept.
19. Dr. Teena Liza John., HoD, Mathematics Dept.
20. Dr. Shemim S. S., HoD, Physics Dept.
21. Dr. Habeeb Muhammed M. A., HoD, Chemistry Dept.
22. Dr. Manesh Rasheed., HoD, Physical Education Dept.
23. Dr. Imthias Ahammed., HoD, Self-Financing PG Programs
24. Dr. Anu V. Thomas., Controller of Examinations
25. Dr. Ansamma John., Dean, UG
26. Dr. Adarsh S., Dean, PG
27. Dr. Ashfak. A., Dean, Student Affairs
28. Dr. Sadiq A., Dean, Research
29. Dr. Mohammed Sadhikh, Dean, Entrepreneurship & Continuing Education(Absent)
30. Dr. Reby Roy K. E., Dean, International Collaborations & Placements
31. Dr. Sudheer A., Dean, Alumni Affairs (Absent)
32. Dr. Bijuna Kunju K., Professor, Electrical and Electronics Engg. Dept
33. Dr. Shafi K. A., Professor, Mechanical Engineering Department
34. Dr. Santhosh Kumar K G., Associate Professor, Department of Architecture
35. Dr. Anzar S M., Assistant Professor, Electronics and Communication Engg. Dept.
36. Dr. Muhammed Siddik A., Dean(Administration), (Member Secretary)



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## **Agenda item : 1**

### **Welcome and Introductory remarks by the chairman**

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The meeting started with a silent prayer. A moment of silence observed in memory of Janab Thangal Kunju Musaliar, the founder. The Chairman welcomed all members of the Academic Council.

<b>Resolution of Agenda item No. 1</b>
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<b>Noted</b>
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## **Agenda Item : 2**

### **Previous minutes and Action taken report**

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The previous minutes and the action taken report are presented before the academic council.

<b>Resolution of Agenda item No. 2</b>
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<b>The Academic council approved the previous minutes and action taken report of second academic council meeting.</b>
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## **Agenda Item : 3**

### **Discussion and approval of B.Tech Curriculum 2023**

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Academic Council approved the B.Tech Curriculum 2023 framework on its second meeting held on 27 May 2023 and advised all BoS to prepare the branch specific curriculum based on the approved framework. All BoS submitted the department specific curriculum 2023

The detailed curriculum of all B.Tech programs recommended by BoS are discussed in the meeting and the Curriculum 2023 were Approved by the Academic Council



**Resolution of Agenda item 3:**

**B.Tech Curriculum 2023 of following program are approved**

- a. Civil Engineering**
- b. Mechanical Engineering**
- c. Electrical & Electronics Engineering**
- d. Electronics & Communication Engineering**
- e. Computer Science & Engineering**
- f. Chemical Engineering**
- g. Electrical & Computer Engineering**

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**Agenda Item : 4**

**Consideration of Approval first and second semester syllabus Recommended by BoS**

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**4.1 B.Tech Syllabus 2023 Scheme- S1&S2**

Academic Council approved the B.Tech Curriculum 2023 framework on its second meeting held on 27 May 2023 and advised all BoS to prepare the syllabus of first and second semester based on the approved framework.

The detailed first and second semester syllabus of all B.Tech programs are submitted by the respective BoS.

The first and second semester syllabus 2023 of all B.Tech program recommended by respective BoS were discussed in the meeting and Approved

**Resolution of Agenda item No. 4.1:**

**The Academic Council has approved the syllabus for the first and second semester of the following B.Tech program, which is based on the B.Tech Curriculum 2023.**

- a. Civil Engineering**
- b. Mechanical Engineering**
- c. Electrical & Electronics Engineering**
- d. Electronics & Communication Engineering**
- e. Computer Science & Engineering**
- f. Chemical Engineering**
- g. Electrical & Computer Engineering**



## **4.2 B. Arch Syllabus 2023 Scheme- S1&S2**

Academic Council approved the B.Arch Curriculum 2023 on its second meeting held on 27 May 2023 and advised the BoS to prepare the syllabus of first and second semester based on the approved curriculum.

The detailed first and second semester syllabus of B.Arch programs recommended by the BArch BoS were discussed and approved.

### **Resolution of Agenda item No. 4.2:**

**The Academic Council has approved the syllabus for the first and second semester of the B.Arch program, which is based on the B.Arch Curriculum 2023.**

## **4.3 MCA Syllabus 2023 Scheme- S1&S2**

Academic Council approved the MCA Curriculum 2023 on its second meeting held on 27 May 2023 and advised the BoS to prepare the syllabus of first and second semester based on the approved curriculum. MCA BoS discussed the matter and recommended their syllabus.

The detailed first and second semester syllabus of MCA programs were discussed in the meeting and approved

### **Resolution of Agenda item No. 4.3**

**The Academic Council has approved the syllabus for the first and second semester of the MCA program, which is based on the MCA Curriculum 2023.**

## **Agenda Item : 5**

### **Introduction of Post Doctoral Fellowship programme**

Research council of TKMCE in its meeting RC01 held on 02 June 2023, proposed to start Post doctoral Fellowship (PDF) and a draft regulation of PDF program was submitted to Chairman, Academic council.

The Academic council recommended the proposal to Governing body, TKMCE for approval.

### **Resolution of Agenda item No. 5**

**The Academic council recommended the proposal to Governing body, TKMCE for approval.**



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**Agenda Item : 6****Any other item**

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**6.1 Nomination of two subject expert in all BoS-Ratification**

BoS	Academic Council nominated members
Civil Engineering	1) Dr Job Thomas, Professor, School of Civil Engg, CUSAT
	2) Dr George K Varghese, Associate Professor, Department of Civil Engg, NIT Calicut
Mechanical Engineering	1) Dr Tide P S-Professor, School of Engineering, CUSAT
	2) Dr R Manu Professor, Dept of Mechanical Engineering, NIT Calicut
Chemical Engineering	1) Dr S Ramanathan, Professor, IIT Madras
	2) Dr T R SreeKrishnan, Professor, IIT Delhi
Electrical & Electronics Engg	1) Dr Sishaj P Simon, Associate Professor, NIT Trichy
	2) Dr Shihabudheen K V, Assistant Professor, Dept of Electrical Engineering, NIT Calicut
Electronics & Communication	1) Dr Nithin V George, Associate Professor,



Engg	IIT Gandhinagar
	2) Dr Mujeeb, Senior Professor, CUSAT
Computer Science	1) Dr Murali krishna K , Associate Professor & Head, Dept of CSE, NIT Calicut
	2) Dr John Jose, Associate Professor, Dept of CSE, IIT Guwahati
Architecture	1) Dr Amitava Sarkar, Associate Professor, Dept of Architecture, School of Planning and Architectue, Vijayawada
	2) Dr Arjun Mukherji, Department of Architecture and Regional Planning, IIT Kharagpur
MCA	1) Dr Abdul Nazeer K A, Professor Department of CSE, NIT Calicut
	2) Dr Vinod Chandra S S, Professor, Department of CSE, University of Kerala.
Engineering Science	1) Dr. Sunil Jacob John Professor Department of Mathematics NIT, Calicut
	2) Dr. Maneesh Chandran Assistant Professor Department of Physics NIT, Calicut
	3) Dr. Jobin Cyriac Associate Professor Chemistry, IIST, Thiruvananthapuram



Humanities & Management	1. Dr. Rathesh C Assistant Professor Department of Economics Fathima Mata National College (Autonomous) Kollam
	2. Dr. Mercy Famila Assistant Professor Department of English Fathima Mata National College (Autonomous) Kollam

**Resolution Agenda item No. 6.1 :**

Academic council ratified the nomination of subject expert to various BoS

**Agenda 6.2 MOOC list approval-Recommended by BoS-MCA**

BoS-MCA recommended MOOC list for 2023-25 batch.

Sl no	Course Id	Course Code	Discipline	Course Name	Institute
1	noc23-cs02	MCAM091	Computer Science & Engineering	Introduction to programming in C	IITK
2	noc23-cs15	MCAM092	Computer Science and Engineering	Programming, Data Structures And Algorithms Using Python	CMI
3	noc23-cs41	MCAM093	Computer Science and Engineering	DataBase Management System	IITKGP
4	noc23-cs16	MCAM094	Computer Science and Engineering	Design and analysis of algorithms	CMI
5	noc23-cs11	MCAM095	Computer Science and Engineering	Machine Learning, ML	KTH Royal Institute of Technology



6	noc23-cs17	MCAM096	Computer Science and Engineering	Data Science for Engineers	IITM
7	noc23-cs43	MCAM097	Computer Science and Engineering	DataMining	IITKGP
8	noc23-cs42	MCAM098	Computer Science and Engineering	Cloud Computing	IITKGP
9	noc23-cs27	MCAM099	Computer Science and Engineering	Cloud Computing and Distributed Systems	IITK
10	noc23-cs65	MCAM100	Computer Science and Engineering	Foundation of Cloud IoT Edge ML	IITP
11	noc23-cs40	MCAM101	Computer Science and Engineering	Introduction To Soft Computing	IITKGP
12	noc23-cs25	MCAM102	Computer Science and Engineering	User-centric Computing for Human-Computer Interaction	IITG
13	noc23-ge05	MCAM103	Multidisciplinary	Introduction to Research	IITM
14	noc23-cs22	MCAM104	Computer Science and Engineering	Discrete Mathematics	IIT Ropar
15	noc23-ma24	MCAM105	Mathematics	Probability And Statistics	IITKGP
16	noc23-cs30	MCAM106	Computer Science and Engineering	Getting Started with Competitive Programming	IIT Gandhinagar
17	noc23-cs53	MCAM107	Computer Science and Engineering	Problem Solving Through Programming In C	IITKGP
18	noc23-cs50	MCAM108	Computer Science and Engineering	Programming in Modern C++	IITKGP
19	noc23-cs49	MCAM109	Computer Science and Engineering	Programming In Java	IITKGP



20	noc23-cs20	MCAM110	Computer Science and Engineering	The Joy of Computing using Python	IIT Ropar
21	noc23-cs29	MCAM111	Computer Science and Engineering	Introduction to Database Systems	IITM
22	noc23-cs18	MCAM112	Computer Science and Engineering	Introduction to Machine Learning	IITM
23	noc23-cs08	MCAM113	Computer Science and Engineering	Data Analytics with Python	IITR
24	noc23-cs56	MCAM114	Computer Science and Engineering	Deep Learning	IITKGP
25	noc23-cs24	MCAM115	Computer Science and Engineering	Deep Learning – IIT Ropar	IIT Ropar
26	noc23-cs23	MCAM116	Computer Science and Engineering	Reinforcement Learning	IITM
27	noc23-cs51	MCAM117	Computer Science and Engineering	Introduction To Internet Of Things	IITKGP
28	noc23-cs05	MCAM118	Computer Science and Engineering	An Introduction to Artificial Intelligence	IITD
29	noc23-cs09	MCAM119	Computer Science and Engineering	Artificial Intelligence: Knowledge Representation And Reasoning	IITM
30	noc23-cs19	MCAM120	Computer Science and Engineering	Social Networks	IIT Ropar
31	noc23-cs13	MCAM121	Computer Science and Engineering	Privacy and Security in Online Social Media	IITH
32	noc23-cs44	MCAM122	Computer Science and Engineering	Ethical Hacking	IITKGP



33	noc23-cs46	MCAM123	Computer Science and Engineering	Object Oriented System Development Using UML, Java And Patterns	IITKGP
34	noc23-cs48	MCAM124	Computer Science and Engineering	Computer Networks And Internet Protocol	IITKGP
35	noc23-cs35	MCAM125	Computer Science and Engineering	Advanced Computer Networks	IIT Indore IIT Gandhinagar
36	noc23-cs07	MCAM126	Computer Science and Engineering	Advanced Computer Architecture	IITD
37	noc23-cs57	MCAM127	Computer Science and Engineering	Compiler Design	IITKGP
38	noc23-cs47	MCAM128	Computer Science and Engineering	Blockchain and its Applications	IITKGP
39	noc23-cs52	MCAM129	Computer Science and Engineering	Introduction To Industry 4.0 And Industrial Internet Of Things	IITKGP
40	noc23-ma46	MCAM130	Statistics	Predictive Analytics - Regression and Classification	CMI
41	noc23-ma39	MCAM131	Mathematics	Essentials Of Data Science With R Software- 1:	IITK
42	noc23-ma40	MCAM132	Mathematics	Essentials Of Data Science With R Software-2:Sampling	IITK



**Resolution Agenda item No. 6.2 :**

**Academic council approved the list of MOOC proposed by the BoS-MCA**

### **Agenda 6.3**

#### **Transitory Course identification by all BoS (2022 scheme to 2023 scheme)**

Academic Council advised all BoS to prepare the transitory course list for the students migrate from 2022 scheme to 2023 scheme.

### **Agenda 6.4**

#### **Syllabus of 3rd to 8th semester B.Tech, 3rd to 10th semester BArch & 3rd, 4th semester MCA -2023 scheme**

Academic Council advised all BoS to prepare the higher semester detailed syllabus and to get recommendations from respective BoS by 15<sup>th</sup> September 2023.

The Chairman proposed the tentative schedule of next academic council meeting as first week of October 2023.

Chairman thanked all members for active participation and valuable suggestion's given.

Meeting ended on 12.00 noon.

**Chairman**

**Academic Council**

**TKM College of Engineering**

