

Dr. N. Mahalingam
Founder Chairman

Dr. M. Manickam
Chairman

Mr. M. Hari Hara Sudhan
Correspondent

Dr. C. Ramaswamy
Secretary

Dr. P. Govindasamy
Principal

MCET/IQAC/NAAC/Criterion VI/6.1/6.1.1

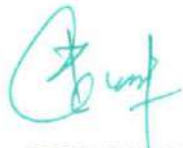
TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following are the details of the governance of institution that reflects the effective leadership in tune with the vision and mission of the Institution pertaining to the metric 6.1.1.

We hereby enclosed the constitution, meeting minutes of the prominent bodies which are functioning in tune with the vision and mission of the Institution, for your kind reference.


Steering Committee Coordinator




PRINCIPAL
PRINCIPAL
Dr. Mahalingam College of
Engineering and Technology
Pollachi - 642 003.

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Describe the vision and mission statement of the institution on the nature of governance, perspective plans and participation of the teachers in the decision making bodies of the institution within a maximum of 500 words.

Prominent bodies Functioning in the Institution

**Governing Council, Academic Council,
Board of Studies, Autonomous Finance Committee**

Dr. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY
POLLACHI – 642 003

17th GOVERNING COUNCIL

Minutes of the Meeting held on 07.10.2021 at 11.30 AM

MEMBERS PRESENT

1	Dr.M.Manickam,M.Sc.,M.B.A Executive Chairman Sakthi Sugars Limited Coimbatore – 641 018	CHAIRMAN
2	Thiru. M.Balasubramaniam, M.Com., M.B.A., Managing Director, Sakthi Finance Limited, & Correspondent, Kumaraguru College of Technology, Saravanampatti, Coimbatore, - 641 049	Vice Chairman
3	Thiru. M.Harihara Sudhan, B.E., M.Sc., Executive Director, ABT Limited , Coimbatore 641 018	Correspondent
4	Thiru. M.Srinivaasan, B.E., M.B.A., (USA) Managing Director Sri Chamundeswari Sugars Limited No. 88/5, Richmond Road, Bangalore – 560 025	Nominee of Management
5	Dr.C.Ramaswamy, M.E., F.I.V., Secretary, NIA Educational Institutions Pollachi – 642 003	Nominee of Management
6	Prof.C.A.Babu Division of Electrical Engineering School of Engineering Cochin University of Science and Technology Kochi – 682 022.	Nominee of the University Grants Commission
7	Dr. J.Jeyanthi, Professor & Head Department of Industrial Bio-Technology Engineering Government College of Technology Coimbatore – 641013	Nominee of the State Government

8	Dr.S.Thanigaiarasu Professor Department of Aerospace MIT Campus Anna University, Chennai – 600 025	Nominee of the Anna University, Chennai
9	Dr.I.Rajendran , Faculty of Mechanical Engineering Dr. Mahalingam College of Engineering & Technology, Pollachi – 642 003.	Nominee of the Faculty of the Institution
10	Ms.K.Kalaiselvi Faculty of Science and Humanities Dr. Mahalingam College of Engineering & Technology Pollachi – 642 003.	Nominee of the Faculty of the Institution
11	Dr. A. Rathinavelu Principal, Dr. Mahalingam College of Engineering & Technology, Pollachi – 642 003	Member -Secretary

The following members of Governing Council conveyed their inability to attend the meeting due to their prior engagements and requested for leave of absence.

S. No	Name & Address of the Members	Position
1.	Dr. B.K.Krishnaraj Vanavarayar, B.Com., B.L., Chairman, Kumaraguru College of Technology Saravanampatti, Coimbatore – 641 049	Nominee of the Management
2.	The Regional Officer Southern Regional Office All India Council for Technical Education Shastri Bhavan, 26, Haddows Road Chennai – 600 006	Nominee of the AICTE
3.	The Commissioner of Technical Education Directorate of Technical Education, Guindy, Chennai - 600025	Nominee of the State Government

Internal and external members inquired and suggested a few inputs on the following subjects which are stated below:

1. Sub. No 01 - Minutes of 16th GCM held on 08th July, 2019 was perused and recorded.
2. Sub No.7 – UGC nominee enquired on faculty attrition during Covid-19 pandemic surge. Principal informed that 5% of faculty members are relieved due to their personal commitments/ individual factors like moving to native, pursuing higher studies and entering into marital life.
3. Sub No.7 – External members suggested to appoint Professor/Associate Professor in Science & Humanities and MCA departments. Principal informed about non-availability of suitable candidates and it will be considered and accomplished in the forthcoming years as per the norms.
4. Sub No.21 – Council appreciated for hike in the graduates' count in comparison to previous years.
5. Sub No.26 – In contrast to the previous placement records, this year placement was very high even during the pandemic situation and it was appreciated by the members.
6. Sub No.26 – UGC Nominee suggested to provide the details of higher studies cell in regard to training and students benefited list. Principal affirmed to include it in the next GCM.
7. Sub No.29 – External member questioned the faculty members' competency for conducting energy audit. Principal informed that institution is resourced with five certified energy auditors.
8. Sub No.31 – UGC nominee suggested to provide the MoU details separately for company and collaboration with international universities.
9. UGC nominee suggested to include parents' income in the newly launched Dr.N.Mahalingam Tuition Fee Waiver Scholarship. Principal responded that it is one of the criteria during the selection process.
10. Sub No.32 – Principal informed that the Arutchelvar Vidhyasakthi Scholarship is provided since 2015. Every year 400 merit- cum- means students are being identified and benefited through this scholarship for an amount of Rs. 70 lakhs per annum.

11. Sub No.34 – Anna university nominee suggested to provide the number of students enrolled in NSS & NCC every year.
12. Sub No.35 – Principal updated that alumni are rendering their support in various academic and career development activities.
13. Principal informed that MCET is the only institution in India to receive two awards under Chhatra Vishwakarma award for the year 2019 -20 provided by the AICTE under two different sub-categories. 1.) Information Technology discipline won second prize under the sub-category “Reskilling or upskilling for ensuring livelihood”, 2.) Electrical and Electronics Engineering discipline won third prize under the sub-category “Mental health and psychosocial support”. Hon’ble Minister of Education Shri. Dharmendra Pradhan, presented the award to the winning teams on 5th September 2021. Committee members appreciated faculty members and Students team.
14. Principal explained the Tablet based Learning in class room followed in MCET: Students of MCET experience the tablet based learning as a part of their educational process. It is used for conducting effective teaching learning process.
 - ✓ ICT based teaching learning materials such as videos, presentations and eBooks can be shared through tablets.
 - ✓ Self-assessment of the students shall be done through Quiz, MCQs etc.
 - ✓ Feedback on Teaching Session can be received through pulse questions from students.
 - ✓ Formative/TQA assessment shall be conducted through tablet, which will be considered for internal mark calculation.
 - ✓ Students can learn the study material at their convenient place and time.

Usage of Tablets: Sharing of Study materials, sharing of videos tutorials, Automatic attendance capturing, Assessment through pulse questions, Buzzer quiz, White board. Committee members appreciated the innovative teaching method.

The rest of the subjects as provided in the agenda and notes are ratified by the Governing Council.

Date: 07.10.2021

Place: Pollachi



Manu
CHAIRMAN

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Minutes of 14th Academic Council Meeting

Date: 12.01.2022

Venue: online mode

Time: 09.00AM

The following members were present (Virtual)

S. No.	Name and Designation		Position in the Committee
1.	Dr.A.Rathinavelu	Principal, MCET	Chairman of the Academic Council
2.	Dr.V.Umamaheswari	Former Professor, Department of Information Science and Technology, CEG, Campus, Anna University, Chennai	Nominee of University
3.	Dr.P.K.Palanisamy	Professor of Emeritus, Department of Medical Physics, Anna University, Chennai	Nominee of University
4.	Dr.P.J.A.Alphonse	Professor, Department of Computer Application, NIT, Trichy	Nominee of University
5.	Dr.I. Rajendran	Senior Professor & HoD Mechanical Engineering, MCET	Member
6.	Dr. Karthick Jayaram	Associate Professor & HoD in charge Automobile Engineering, MCET	Member
7.	Dr.R.Venkatasubramani	Professor & HoD, Civil Engineering, MCET	Member
8.	Dr.R.Sudhakar	Professor & HoD, Electronics and Communication Engineering, MCET	Member
9.	Dr.A.Senthilkumar	Senior Professor & HoD, Electrical and Electronics Engineering, MCET	Member
10.	Dr.S.Ramakrishnan	Professor & HoD, Information Technology, MCET	Member
11.	Dr.G. Anupriya	Professor & HoD, Computer Science and Engineering, MCET	Member
12.	Dr.N.Senthilmadamsamy	Associate Professor, CSE, MCET	Member
13.	Dr.P.Govindasamy	Professor & HOD, Production Engineering, MCET	Member
14.	Dr.K.Vijayakumar	Associate Professor & HoD/c Mechatronics, MCET	Member
15.	Dr.A.Sakthivel	Associate Professor/EEE and First year programme coordinator, Science and Humanities, MCET	Member
16.	Dr.P.A.Periyasamy	Associate Professor & Coordinator & Head/IQAC, MCET	Member

17.	Dr.R.Muthusami	Assistant Professor(SS)& HoDi/c, Computer Applications, MCET	Member
18.	Dr.V.Lakshminarayanan	Controller of Examinations & Professor /EEE,MCET	Member Secretary
19.	Dr.M.Thirunavukkarasu	Assistant Professor(SS)/Automobile Engineering & ACoE, MCET	Member
20.	Dr. B.Kannapiran,	Professor / ECE	Member
21.	Mr.V.Veeraraghavan (19BCS107)	III Year CSE/MCET	Student Member
22.	Ms.S.Vigashini (19BIT001)	III Year IT/MCET	Student Member
23.	Ms.E.A.Harini (19BEE069)	III Year EEE/MCET	Student Member
24.	Ms.R.SandhyaMathi (20MCA013)	II Year MCA/MCET	Student Member
25.	Mr.M.Vignesh (20MST004)	II Year M.E(Structural Engineering)/MCET	Student Member

Dr. A. Rathinavelu, Principal and Chairman of the Academic Council welcomed all the members.

The following points were discussed in the meeting:

- The Chairman of the Academic Council has presented the summary of minutes of Academic council meeting was held on 25.09.21.
- The Chairman of the Academic Council has presented the proposal of 2019 Regulations revised clause of 4.11 online course pertaining to students opting for either NPTEL Course or Professional Elective offered by Department on par with 2021 Regulations of Anna University and the detailed discussions are as follows:

- **Existing (as per 2019 Regulations)**

- **4.11 Online Course**

- Students should undergo TWO online courses in NPTEL/SWAYAM, during the fifth semester and sixth semester period, relevant to their programme. Chosen courses have to be approved by head of the institution through head of department. Based on the recommendation by the team of faculty members nominated by the head of the department, the student will be awarded grades equivalent to the marks obtained by the student in the online certification examination

- **Revised (on par with 2021 Regulations of Anna University)**

- **4.11 Online Course**

- Students may be permitted to credit a maximum of two online courses, subject to a maximum of six credits, with the approval of the Head of the Institution through head of department, in lieu of open elective/professional elective courses.

- Students those who have opted for online elective course during V and VI semesters shall get exemption of one Professional Elective/Open Elective respectively in VI semester and VII semesters.
- Suitable online courses shall be chosen from the NPTEL/SWAYAM platform.
- The Chairman of the Academic Council has presented the proposal of 2019 Regulations revised clause of 4.14 Personality and Character Development on par with 2021 Regulations of Anna University and the detailed discussions are as follows:

- **Existing (as per 2019 Regulations)**

- **4.14 Personality and Character Development**

- All students are required to enroll in any one of the personality and character development activities (NCC / NSS / YRC / Sports and Games) and undergo the training for 40 hours during the first year.
 - **National Cadet Corps (NCC)** will have a number of parades/camps specified by the NCC officer.
 - **National Service Scheme (NSS)** will have social service activities in and around the college.
 - **Youth Red Cross (YRC)** society activity will include peace time activity like health and hygiene, international friendship, awareness camps etc.,
 - Sports and Games activity will include preparation for inter-college sports events.
 - The training activities will be normally held during the weekends, while the camps will be during the vacation period.
 - **Revised (on par with 2021 Regulations of Anna University)**

- **4.14 Personality and Character Development**

- All students shall enroll, on admission, in any one of the personality and character development programmes NCC/NSS/NSO/YRC/Sports and Games and undergo training / conduct activities for about 80 hours and attend a camp of about seven days.
 - **National Cadet Corps (NCC)** will have about 20 parades and a number of camps specified by the NCC officer.
 - National Service Scheme (NSS) will have social service activities in and around the College / Institution and in addition to that the activities are being carried out through the following clubs.
 - Gyan- the quiz club,
 - Youth Red Cross society & Red Ribbon Club,
 - Science Mathematics and Technology Club,
 - Readers Club,
 - Photography Club,
 - Fine Arts Club,
 - MuthamizhMandram, etc.,

Further no fee shall be charged for all these activities.

- The Academic council members have recommended and approved the proposal of revised clause 4.14 Personality and Character Development and also 4.11 Online Courses amendments of 2019 Regulations on par with 2021 Regulations of Anna University.
- The Chairman of the Academic Council has presented proposal of offering new UG programmes B.Tech-AI &ML, B.E-Computer Science and Design in the forthcoming Academic years. The academic council members have approved the proposal of offering these new UG programmes in the forthcoming Academic years.
- Dr. A. Rathinavelu, Principal and Chairman of the Academic Council summarized the suggestions given by members and thanked the members of the ACM for their active participation.

Dr.V.Lakshmi Narayanan
(CoE & Member Secretary)

Dr. A. Rathinavelu
(Principal & Chairman)

Prof.P.K.Palaniswamy
University Nominee

Dr.V.Umamaheswari
Former Prof.-Dept.of IST,
Anna University

Dr.P.J.A.Alphonse
Prof.-NIT,Trichy

Name of the Board: Computer Science and Engineering

Minutes of XV Board of Studies Meeting

Mode : Online	Date :30.03.2022	Time : 02.30 P.M- 4.00 P.M
Platform : MS Teams		
Venue : CSE Conference Hall		

Sl. No.	Name	Designation and Affiliation	Category	Nature
1.	Dr G.Anupriya	Professor & Head, CSE	Chairman	Head of the Department
2.	Dr.P.Chitra	Professor & Head, Department of CSBS, Thiagarajar College of Engineering, Madurai	University Nominee	Nominated by University
3.	Dr N.K.Karthikeyan	Professor & Head, Department of IT, Coimbatore Institute of Technology, Coimbatore	Academic Expert	Nominated by College
4.	Mr.Katherresh Shanmugasundaram,	SAP BTP Cloud Integration Architect, Cognizant Technology Solutions, Coimbatore	Alumni Member	Nominated by College
5.	Dr.M.L.Vajarmathi	Professor	BOS member	Faculty Member
6.	Dr.A. Noble Mary Juliet	Associate Professor	Convener-UG	Faculty Member
7.	Dr.N.Senthil Madasamy	Associate Professor	BOS member	Faculty Member
8.	Dr M.Pandi	Assistant Professor(SG)	BOS member	Faculty Member
9.	Dr N.Gobi	Assistant Professor(SS)	BOS member	Faculty Member
10.	Dr J.Bhavithra	Assistant Professor(SS)	Convener-PG	Faculty Member
11.	Ms.N.Sumathi	Assistant Professor	BOS member	Faculty Member
12.	Ms.S.C.Lavanya	Assistant Professor	BOS member	Faculty Member
13.	Mr. T.Kanagasabapathy	Assistant Professor	BOS member	Faculty Member
14.	Mr.R.Muralidharan	Assistant Professor	BOS member	Faculty Member
15.	Mr.P.Boopathirajan	Assistant Professor	BOS member	Faculty Member
16.	Ms.C.Devipriya	Assistant Professor	BOS member	Faculty Member

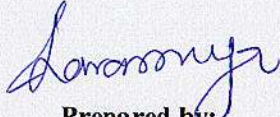
17.	Ms.C.Jayashree	Assistant Professor	BOS member	Faculty Member
18.	Ms.G.Gowri	Assistant Professor	BOS member	Faculty Member
19.	Dr.N.Pankajam	Assistant professor(SS), S&H	BOS member	Faculty Member
20.	Ms.K.Durgalakshmi	Assistant Professor, EEE	BOS member	Faculty Member
21.	Selvi.V.Divya Dharshini (18BCS011)	IV B.E.,CSE	Student	Student Member
22.	Selvi.S.K.Kaaviya Sri (18BCS104)	IV B.E.,CSE	Student	Student Member
23.	Selvan.M.Arun (18BCS098)	IV B.E.,CSE	Student	Student Member
24.	Selvi.R.Bharathi (20MCS001)	II M.E.,CSE	Student	Student Member

Points Discussed:

S. No.	Items	Points discussed and conclusions
1	Minutes of Department Meeting on Curriculum	<ul style="list-style-type: none"> Dates of department meeting: 21.12.21, 10.01.22, 15.02.22, 19.03.22 Syllabi for professional elective courses were reviewed. List of open elective courses & their syllabi were reviewed.
2	Report on Stakeholders Expectation	<p>Major inputs suggested by various stakeholders are</p> <ul style="list-style-type: none"> New skill-based courses like ARVR, Ethical hacking, NLP, etc. can be included. Entrepreneurship based courses can be added in curriculum or in OCC Additional Teaching Learning platform like Canvas, Edpuzzle, etc can be explored Active Learning practices can be adopted during online classes.
3	Statutory Bodies Requirements	<ul style="list-style-type: none"> Major aspects of AICTE model curriculum have been implemented for 2019 regulations UG & PG CSE Programmes AICTE requirement is satisfied with maximum credits of 171/169 for UG & 70 credits for PG 2019 regulations.
4	UG Curriculum	
	2019 Regulations	<ul style="list-style-type: none"> Total No. of Credits: <ul style="list-style-type: none"> 171 (2019 Batch only) 169 (2020 Batch onwards) Course map, curriculum, proposed list & syllabi for professional & open elective courses were presented. Suggestions given: <ul style="list-style-type: none"> Cognitive levels of course outcomes can be revisited in the following courses: <ul style="list-style-type: none"> Block Chain Technology Information Storage Systems Green Computing Advanced Data Structures and Algorithms course can be delivered with 4 credits with additional hours for practical / tutorial component. List of skill development courses were presented and approved.

5	New Programme	The curriculum & Syllabi (Semester I & II) for the proposed programme in the academic year 2022-23, B.Tech – Artificial Intelligence and Machine Learning was presented for interim approval and experts have approved the curriculum and first year syllabi.
6	Innovative Teaching and Evaluation Techniques	<p>Online classes are conducted with various learner based active participation techniques. Some of them are:</p> <ul style="list-style-type: none"> • Breakout Rooms • Flipped Classroom • Timed quiz • Mentimeter (Gamification Quiz) • Digital Pad with white board for problem solving/Programming/Analytical Courses. • Instant Poll questions using MS Teams and Forms • Conducting formative Assessments through MS Forms • MCET Edu & CAMU - Academic Management System
7	Examiners Panel List (External and Internal)	<p>Panel members are fixed based on certain Eligibility norms for QB setting, a minimum experience of 5 years in teaching with engineering college is mandatory. Sample panel list for the course 19CSCN2501 - Computer Network Technology is given below.</p> <p>External Examiners:</p> <ul style="list-style-type: none"> • Mr.A.Arunkumar, Assoc. Professor, CSE, Sri Krishna College of Engineering and Technology • Mr.P.Sathishkumar, Assistant Professor (Level III)/CSE, Bannari Amman Institute of Technology <p>Internal Examiners:</p> <ul style="list-style-type: none"> • Mr.T.Kanagasabapathy, AP/CSE • Mr.K.Srinivasan, AP/CSE
8	<p>Research Activities</p> <ul style="list-style-type: none"> • Accomplished • Proposed 	<p>Completed Activities:</p> <ul style="list-style-type: none"> • International journal publications 2021 - 22 : 11 (As on date) • International conference publications 2021 - 22 : 7 (As on date) • Project Proposal Approved: 1 <ul style="list-style-type: none"> – Agency: TNSCST - Students Project Scheme – Title of the Project: Plant Disease recognition for Farmers – Name of the Faculty: Ms.C.Devipriya, Amount: Rs.7,500/- – Date of Approval: 11.03.2022 • Proposals have been submitted to various funding agencies like SERB-POWER, MeitY, DST-SEED, TNSCST. • Patent Details: <ul style="list-style-type: none"> – Number of Patents Filed (2021-22): 1 (As on date) – Number of Patents Published (2021-22): 2 (As on date) • Five Research seminars have been conducted. <p>Proposed Activities:</p> <ul style="list-style-type: none"> • Conduct more research seminars. • Apply research proposals to various funding agencies. • Focus on more journal publications with good impact factor. • Focus on more patent publications.
9	<p>Extension activities (Training to outsiders, Seminar / Conference / Workshop organized, Setting up the new laboratory, industrial visit etc...)</p> <ul style="list-style-type: none"> • Accomplished • Proposed 	<p>Organized Events:</p> <ul style="list-style-type: none"> • Seminar on Machine Learning in association with TCS, 23.11.2021 • Student Bootcamp on “Build an AI Virtual Agent Bootcamp” in association with Open Weaver, Chennai – 27.01.2022 • Workshop on “Problem Solving Skills using C Programming” – 16.02.2022 • Workshop on “Cyber Security Risks” in association with TCS – 22.02.2022 • Workshop on “Internet of Things” – 26.03.2022 & 28.03.2022

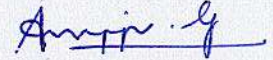
		<ul style="list-style-type: none"> • Webinar on “Cloud Computing Challenges” – 21.08.2021 Proposed Events: <ul style="list-style-type: none"> • Seminar on IoT, Security, System Design – April 2022 • Workshop on Human Computer Interaction & Intelligent Systems – July 2022
10	Any other Matter	-



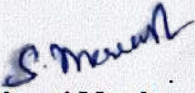
Prepared by:
Ms.S.C.Lavanya,
Assistant Professor / CSE,
MCET



Verified by:
Dr.A.Noble Mary Juliet
Associate Professor/ CSE,
MCET



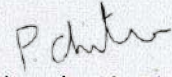
Approved by (Chairman):
Dr.G.Anupriya
Professor and Head/ CSE,
MCET



Alumni Member:
Mr.Katherresh Shanmugasundaram,
SAP BTP Cloud Integration Architect,
Cognizant Technology Solutions,
Coimbatore



Academic Expert:
Dr N.K.Karthikeyan
Professor & Head, Department of IT,
Coimbatore Institute of Technology,
Coimbatore



University Nominee:
Dr.P.Chitra
Professor & Head, Department of CSBS,
Thiagarajar College of Engineering,
Madurai

Dr. Mahalingam College of Engineering and Technology, Pollachi – 642 003

(An Autonomous Institution)

OFFICE OF THE CONTROLLER OF THE EXAMINATIONS

Minutes of Finance Committee Meeting

Date: 20.10.2021

Venue: Principal Conference Hall


Time: 03.00 pm

The following members were present

- Prof. C. Ramaswamy, Secretary, MCET
Dr. A. Rathinavelu, Principal & Chairman of the Board
Dr. R. Venkatasubramani, Professor / Civil, Member
Dr. M. Thirunavukkarasu, Asst.Professor(SS) & ACoE, Member
Dr. V. Lakshminarayanan, Professor, Member Secretary
Mr. K. Sakthivel, Manager
Mr. P. Shaji, Dy.Manager (Admin)

The following Points were discussed and recorded :

- Dr. M. Thirunavukkarasu, ACoE, MCET presented the budget proposal for the academic year 2021 – 22 with projected receipts and proposed expenses for ODD and EVEN Semester.
- For 2021 outgoing batch students, the graduation day budget presented with projected receipts and expenses. Only Degree certificate folders were purchased for 2020 outgoing batch students, the expenditure incurred towards purchase of degree folders.
- The 2020 batch graduation day cancelled due to pandemic situation.
- Actual Expenditure incurred for the academic year 2020-21 & income received was presented.
- Proctored Examination tool (NeoExam software solutions) was purchased @ Rs.70/- per script and used for conducting online Autonomous End Semester Examinations, EVEN semester (Apr/May 2021) with three hours duration.


COE 20/10/21


Principal