

THIAGARAJAR COLLEGE OF ENGINEERING: MADURAI 625 015
(An Autonomous Institution Affiliated to Anna University)

Minutes of the Meeting of the Fifty Fourth Academic Council

The Fifty Fourth meeting of Academic Council was held on 17th June 2017, Saturday at 11.00 AM in the Conference Hall at Guest House under the Chairmanship of Dr.V.Abhaikumar, Principal. The following members were present.

1. Dr.D.K.Subramanian	Former Professor, Indian Institute of Science, Bengaluru
2. Dr.V.Chelladurai	Principal, Coimbatore Institute of Technology, Coimbatore
3. Dr.Rajeev Sukumaran	Senior Advisor, Teaching Learning Centre, IIT, Madras
4. Dr.V.Mohan	Registrar
5. Dr.K.Arunachalam	Dean, Academic Processes
6. Dr.N.Jawahar	Dean, Research and Development
7. Dr.M.Palanimatha Raja	Dean, Planning & Administration and Head, Dept.of Mect.
8. Dr.B.Sivagurunathan	Head, Dept. of Civil Engineering
9. Dr.S.Muralidharan	Head, Dept. of Mechanical Engineering
10. Dr.R.Sukanesh	Head, Dept. of Electronics and Communication Engineering
11. Dr.S.Mercy Shalinie	Head, Dept. of Computer Science & Engineering
12. Dr.S.Muthuramalingam	Head, Dept. of Information Technology
13. Dr.V.Gnanaraj	Head, Dept. of Mathematics
14. Dr.M.Kottaisamy	Head, Dept of Chemistry
15. Dr.R.Vasuki	Head, Dept. of Physics
16. Dr. PL.K.Palaniappan	Associate Professor, Dept. of Mechanical Engineering
17. Dr.M.Saravanan	Assistant Professor, Dept. of Elect. & Electronics Engg.
18. Dr.V.R.Venkatasubramani	Assistant Professor, Dept. of Electronics & Commn. Engg
19. Mrs.B.Subbulakshmi	Assistant Professor, Dept. of Computer Science and Engg.
20. Mrs.S.Pudhumalar	Assistant Professor, Dept. of Information Technology
21. Dr. S.Vijayalakshmi	Assistant Professor, Dept. of Computer Applications
22. Mr.T.Vivek	Assistant Professor, Dept. of Mechatronics
23. Mr.G.Balaji	Assistant Professor, Dept. of Architecture
24. Dr. G.Jothilakshmi	Associate Professor, Dept of Mathematics
25. Mr.S.Sivakumar	Controller of Examinations
26. Dr.S.J Thiruvengadam	Associate Dean (Teaching and Learning Process)

The following members had expressed their inability to attend the meeting due to their pre-occupation.

1. Dr.N.Vedachalam	ISRO Distinguished Professor, ISRO, Trivandrum
2. Mr.A.M.Rafeek	Special Officer, CDC, DTE, Chennai
3. Mr. M.V. Ramana Murthy	Director&Head, R&D Operations, Ericsson R&D, Bengaluru
4. Dr.R.Vasudevan	Dean, Co-curricular and Extracurricular Activities
5. Dr.S.Raju	Dean, Industry Institute Interaction
6. Dr.N.Kamaraj	Dean, Students
7. Dr.S.Baskar	Head, Dept. of Electrical and Electronics Engineering
8. Dr.Jinu Loueshidha Kitchley	Head, Dept. of Architecture
9. Dr.S.Parthasarathy	Head, Dept. of Computer Applications
10. Dr.T. Velrajan	Professor, Dept. of Civil Engineering
11. Dr.S.Rajathi	Associate Professor, Department of Physics
12. Mrs.J.Shanmugapriya	Assistant Professor, Dept. of Chemistry
13. Ms. I.Catherine Sanchana	Final Year B.E (Civil Engineering) student
14. Ms.N.Shiny Ponmani	Final Year M.E (Communication Systems) student

The Agenda for the meeting:

- To consider the business brought forward by the Boards of Studies and by the Standing Committee of the Academic Council.
- To discuss any other matter pertaining to the academic activities of the college.

54:01 To confirm the minutes of the 53rd meeting of the Academic Council held on 22nd December 2016.

Resolved to confirm the minutes of the 53rd academic council held on 22nd December 2016 as there were no comments on the minutes.

54:02 To review the action taken on the Minutes of the 53rd meeting held on 22nd December 2016.

The Chairman presented the actions taken on the suggestions made during the 53rd academic Council meeting. The Council resolved to ratify the actions taken as presented and accepted the time requested for implementation of few suggestions. .

54:03 To consider the recommendations of Board of Studies of Mechanical Engineering to introduce Industry Supported Courses '14ME1P0 Marine Systems and Maintenance' and '14ME1Q0 Vision based Dimensional Measurement' for B.E. (Mechanical Engineering) Degree Programme as given in **Annexure-A** (Page No 1 to 5).

Resolved to approve the introduction of Industry Supported Courses '14ME1P0 Marine Systems and Maintenance' and '14ME1Q0 Vision based Dimensional Measurement' for B.E. (Mechanical Engineering) Degree Programme as presented in the academic council.

This comes into effect for the students admitted from the academic year 2014-15 onwards.

54:04 To consider the recommendations of Board of Studies of Mechanical Engineering to revise the course outcomes and expected proficiency & attainment levels for the courses of B.E (Mechanical Engineering) Degree Programme as given in **Annexure-B** (Page No. 6 to 34).

Resolved to approve the revision of the course outcomes and expected proficiency & attainment levels for the courses of B.E (Mechanical Engineering) Degree Programme as presented in the academic council.

This comes into effect for the students admitted from the academic year 2014-15 onwards.

54:05 To consider the recommendations of Board of Studies of Computer Science and Engineering to introduce the elective courses '14CSPT0 Applied Machine Learning', '14CSPU0 Virtual Reality' and '14CSPV0 Design Patterns' for B.E.(Computer Science and Engineering) Degree Programme as given in **Annexure - C** (Page No. 35 to 51).

Resolved to approve the introduction of the elective courses '14CSPT0 Applied Machine Learning', '14CSPU0 Virtual Reality' and '14CSPV0 Design Patterns' for B.E.(Computer Science and Engineering) Degree Programme as presented in the academic council.

This comes into effect for the students admitted from the academic year 2015-16 onwards.

- 54:06** To consider the recommendations of Board of Studies of Computer Science and Engineering to revise the syllabus for the course '14CS571 Software Engineering: Theory and Practice' for B.E.(Computer Science and Engineering) Degree Programme as given in **Annexure –D** (Page No. 52 to 58).

Resolved to approve the revision of the syllabus for the course '14CS571 Software Engineering: Theory and Practice' for B.E.(Computer Science and Engineering) Degree Programme as presented in the academic council.

This comes into effect for the students admitted from the academic year 2015-16 onwards.

- 54:07** To consider the recommendations of Board of Studies of Computer Science and Engineering to introduce Industry Supported Course '14CS1D0 Embedded Software Development' for B.E.(Computer Science and Engineering) Degree Programme as given in **Annexure – E** (Page No. 59 to 61).

Resolved to approve the introduction of the Industry Supported Course '14CS1D0 Embedded Software Development' for B.E.(Computer Science and Engineering) Degree Programme as presented in the academic council.

This comes into effect for the students admitted from the academic year 2014-15 onwards.

- 54:08** To consider the recommendations of Board of Studies of Computer Science and Engineering to revise the proficiency and attainment levels of the course outcomes in B.E.(Computer Science and Engineering) Degree Programme as given in **Annexure –F** (Page No. 62 to 68).

Resolved to approve the revision of the proficiency and attainment levels of the course outcomes in B.E.(Computer Science and Engineering) Degree Programme as presented in the academic council.

This comes into effect for the students admitted from the academic year 2014-15 onwards.

- 54:09** To consider the recommendations of Board of Studies of Mechatronics to introduce the Courses of Study, Scheme of Examinations, Elective courses and Syllabi for VII and VIII Semesters B.E. (Mechatronics) Degree Programme as given in **Annexure –G** (Page No. 69 to 123).

Resolved to approve the introduction of the Courses of Study, Scheme of Examinations, Elective courses and Syllabi for VII and VIII Semesters B.E. (Mechatronics) Degree Programme as presented in the academic council.

This comes into effect for the students admitted from the academic year 2014-15 onwards.

- 54:10** To consider the recommendations of Board of Studies of Mechatronics to introduce Industry Supported Course '14MT1D0 Integrated Building Management System' for B.E. (Mechatronics) Degree Programme as given in **Annexure –H** (Page No.124 to 125).

Resolved to approve the introduction of the Industry Supported Course '14MT1D0 Integrated Building Management System' for B.E. (Mechatronics) Degree Programme as presented in the academic council.

This comes into effect for the students admitted from the academic year 2014-15 onwards.

- 54:11** To consider the recommendations of Board of Studies of Mechatronics to introduce General Elective Courses '14MTGC0 Total Quality Management' and '14MTGD0 Sensors' for B.E./B.Tech. Degree Programmes as given in **Annexure –J** (Page No. 126 to 135).

Resolved to approve the introduction of the General Elective Courses '14MTGC0 Total Quality Management' and '14MTGD0 Sensors' for B.E./B.Tech. Degree Programmes as presented in the academic council.

This comes into effect for the students admitted from the academic year 2014-15 onwards.

- 54:12** To consider the recommendations of Board of Studies of Mechatronics (PG) to introduce the Courses of Study, Scheme of Examinations, Elective courses and Syllabi for I and II Semesters M.E. (Mechatronics) Degree Programme as given in **Annexure– K** (Page No.136 to 222).

Resolved to approve the introduction of the Courses of Study, Scheme of Examinations, Elective courses and Syllabi for I and II Semesters M.E. (Mechatronics) Degree Programme as presented in the academic council.

This comes into effect for the students admitted from the academic year 2017-18 onwards.

- 54:13** To consider the recommendations of Board of Studies of Computer Applications to introduce the Courses of Study, Scheme of Examinations, Elective courses and Syllabi for M.C.A. Degree Programme as given in **Annexure – L** (Page No.223 to 449).

Resolved to approve the introduction of the Courses of Study, Scheme of Examinations, Elective courses and Syllabi for M.C.A. Degree Programme as presented in the academic council.

This comes into effect for the students admitted from the academic year 2017-18 onwards.

- 54:14** To consider the decision of the standing committee of this academic council to amend the B.E./B.Tech. Regulation (Choice Based Credit System) in Course Registration, Credit Distribution and Classification as given in Annexure – M (Page No. 450 to 452)

Resolved to approve the amendment in the B.E./B.Tech. Regulation (Choice Based Credit System) in Course Registration, Credit Distribution and Classification as presented in the academic council.

This comes into effect for the students admitted from the academic year 2015-16 onwards.

- 54:15** To consider the decision of the standing committee of this academic council to introduce a clause for industry supported courses in M.E./M.Tech./MCA regulation as given in Annexure – N (Page No. 453)

Resolved to approve the introduction of a clause for industry supported courses in M.E./M.Tech./MCA regulation as presented in the academic council.

This comes into effect for the students admitted from the academic year 2015-16 onwards.

- 54:16** To consider the decision of the standing committee of this academic council to introduce the modifications in conducting continuous assessment tests for theory and theory cum practical courses as given in Annexure – P (Page No. 454)

Resolved to approve the introduction of the modifications in conducting continuous assessment tests for theory and theory cum practical courses as presented in the academic council.

This comes into effect from the academic year 2017-18 onwards.

- 54:17** To consider the decision of the standing committee of this academic council to introduce the schedule for the academic activities for the academic year 2017-18 as given in Annexure – Q (Page No. 455)

Resolved to approve the academic calendar for the academic year 2017-18 as presented in the academic council.

This comes into effect from the academic year 2017-18 onwards.

During the academic council meeting, the members had suggested the following points:

1. In CBCS at TCE, major and minor tracks may be introduced without affecting the credit distribution.
2. Faculty members are encouraged to give more priority for filing patents than publishing papers in reputed Journals.
3. College can obtain membership in National Research Development Corporation (NRDC) for commercialization of the patents/innovative, reliable and competitive technologies.
4. The latest books (2010 and after) are to be included in the list of text/reference books
5. The course outcomes of the course '14CSPV0 Design Patterns' are to be changed.
6. Based on the competency, exemptions may be given in registering courses by lateral entry students.
7. Financial Technology may be considered as the theme area for the MCA Degree Programme.
8. 'Design' Courses are to be included in the M.E. (Mechatronics) degree programme
9. Mathematics courses are to be introduced such that it meets the requirements of 'Design' courses in PG programmes
10. The course on 'Design Patterns' may be offered as General Elective Courses in UG Programmes.

Prepared by:



Dr.S.J. Thiruvengadam

Associate Dean (Teaching and Learning)



Dr.K.Arunachalam

Dean (Academic Process)

Approved by:




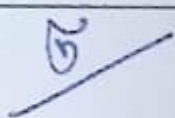
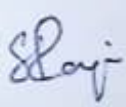
Dr.V.Abhaikumar

Principal

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 (A Govt. Aided ISO 9001 2008 Certified Autonomous Institution affiliated to Anna University)

54th Academic Council Meeting – Attendance sheet
17th June, 2017 (Saturday)

List of External Member

Sl.No	Name	Phone No. / e-mail	Signature
1.	Dr.D.K.Subramanian	9448460943.	
2.	Dr. N.Vedachalam	ABSENT	
3.	Mr.Ramana Murthy .M.V.	ABSENT	
4.	Dr.V.Selladurai,	9629322277 principal @ cit. edu.in	
5.	Dr. Rajeev Sukumaran	9790925489 rajeev@wmail.iitm- ac.in	
6.	Mr. A.M. Rafeek	ABSENT	

**54th Academic Council Meeting – Attendance sheet
17th June, 2017 (Saturday)**

List of Internal Members

Sl.No	Name	Signature
7	Dr. V. Abhai Kumar	V. Abhai Kumar
8	Dr. R. Vasudevan	ABSENT
9	Dr. V. Mohan	Mohan. V
10	Dr. K. Arunachalam	Arunachalam 17/06/17
11	Dr. N. Jawahar	N. Jawahar 17/6/17
12	Dr. S. Raju	ABSENT
13	Dr. N. Kamaraj	ABSENT
14	Dr. M. Palaninatha Raja	M. Palaninatha Raja 17/6/17
15	Dr. B. Sivagurunathan	B. Sivagurunathan
16	Dr. S. Baskar	ABSENT
17	Dr. S. Murali Narayan	S. Murali Narayan
18	Dr. R. Sukanesh	R. Sukanesh 17/6/17
19	Dr. S. Mercy Shalinie	S. Mercy Shalinie 17/6/17
20	Dr. S. Muthuramalingam	S. Muthuramalingam
21	Dr. M. Palaninatha Raja	ABSENT
22	Dr. Jinu Joushidha Kitchely	ABSENT
23	Dr. S. Parthasarathy	ABSENT
24	Dr. V. Gnanaraj	V. Gnanaraj
25	Dr. R. Vasuki	R. Vasuki

54th Academic Council Meeting – Attendance sheet
17th June, 2017 (Saturday)
List of Internal Members

Sl.No	Name	Signature
26	Dr.M.Kottalsamy	
27	Dr T. Vel Rajan	ABSENT
28	Dr. PL.K. Palaniappan	
29	Dr. M. Saravanan	M. Saravanan
30	Dr.V.R. Venkatasubramani	V.Venkatasubramani
31	Mrs. B.Subbulakshmi	B. Subbulakshmi
32	Mrs. S.Pudhumalar	
33	Mr.G.Balaji	
34	Dr. S.Vijayalakshmi	
35	Dr. S.Rajathi	ABSENT
36	Dr. G.Jothilakshmi	G. Jothilakshmi
37	Mr.T.Vivek	
38	Mrs. J.ShanmugaPriya	ABSENT
39	Mr.S.Sivakumar	
40	Dr. S.J. Thiruvengadam	S.J. Thiruvengadam

Students Nomine

Sl.No	Name	Signature
41	Mr. V. Venkatachalam, Reg.No.14G108 (B.E Mechanical Engineering) VII sem	V. Venkatachalam
42	Ms. V. Suhtalakshmi, Reg.No.15Y049 (M.C.A) V sem	V. Suhtalakshmi
43	Ms. I. Catherine Sanchana, Reg.No.14B21(B.E Civil Engineering) VII sem	ABSENT
44	Mr. N. Shiny Ponmani, Reg.No.16N016 (M.E Communication Systems) III sem	ABSENT