



## P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



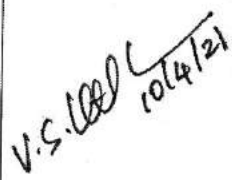
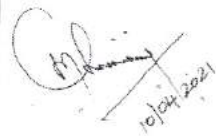
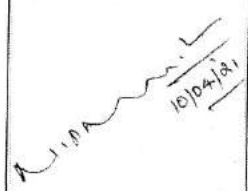
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POLLACHI, COIMBATORE – 642 002.



### Minutes of the Meeting of the Fourth Academic Council


The Fourth Academic Council Meeting is held on 10.04.2021. The meeting started at 10.30 am in the Conference hall. The Principal presided over the meeting. HODs of all the departments and the members of Academic Council attended the meeting and the following members were present.

S.No.	Name	Nature	Signature
1.	Dr. T. Manigandan	Principal & Chairman	
2.	Dr. R. Ramesh Professor, Department of Electrical and Electronics Engineering College of Engineering, Guindy, Anna University, Chennai – 600 025	University Nominee	
3.	Dr. V. S. Senthilkumar Professor and Head, Central Workshop, College of Engineering, Guindy, Anna University, Chennai – 600 025	University Nominee	
4.	Dr. M. Thirumarimurugan Professor & Head Department of Chemical Engineering. Coimbatore Institute of Technology. Civil Aerodrome Post Coimbatore – 641 014	University Nominee	
5.	Dr. M. A. Panneerselvam Former Professor & Dean Department of Electrical and Electronics Engineering College of Engineering Anna University Guindy, Chennai -600 025.	Expert Member	

6.	Dr. S. N. Sivanandam Former Professor and Head Department of Computer Science and Engineering. PSG College of Technology. Coimbatore - 641004	Expert Member	S. N. Sivanandam
7.	Dr. N. Somasundaram Advocate - Retired Additional Commissioner Sales Tax, Pollachi - 642002	Expert Member	N. Somasundaram
8.	Dr. S. Ramakrishnan Pollachi Cardiac and Medical Centre, Pollachi - 642002	Expert Member	S. Ramakrishnan
9.	Mr. R. Palanisami Associate Professor, Department of Physics P.A. College of Engineering and Technology, Pollachi - 642002	Member Secretary	R. Palanisami 10/4/2021
10.	Mr. C. R. Arul Prakasam	Associate Professor, Department of Civil Engineering	C. R. Arul Prakasam
11.	Dr. G. Balamurugan	Head of the Department, Department of Civil Engineering	G. Balamurugan 10/4/2021
12.	Dr. D. Chitra	Head of the Department, Department of Computer Science and Engineering	D. Chitra 10/4/2021
13.	Dr. L. Murali	Head of the Department, Department of Electronics and Communication Engineering	L. Murali 10/4/2021
14.	Dr. S. Vijayabaskar	Head of the Department, Department of Electrical and Electronics Engineering	S. Vijayabaskar 10/4/2021
15.	Dr. T. Varun Kumar	Head of the Department, Department of Mechanical Engineering	T. Varun Kumar 10/4/2021
16.	Dr. M. Yuvaraja	Associate Professor, Department of ECE	M. Yuvaraja 10/4/2021
17.	Dr. D. Senthil Kumar	Professor, Department of Mechanical Engineering / TPO	D. Senthil Kumar 10/4/2021
18.	Dr. T. Gandhimathi	Associate Professor, Mathematics, S & H	T. Gandhimathi 10/4/2021



**Special Invitee:**

S. No.	Name	Nature	Signature
1.	Mr. K. Robert Retired Executive Engineer/PWD, Pollachi	Visiting Professor	

**Points Discussed:**

- 2.1 The Principal, Chairman of Academic Council welcomed all the University nominees and the members.
- 2.2 Minutes of the Third Academic Council Meeting held on 16.09.2020 was presented.

*Resolved to confirm the minutes of the 3<sup>rd</sup> Academic Council Meeting held on 16.09.2020.*

- 2.3 The Principal, P. A. College of Engineering and Technology, briefed about the changes introduced in the UG Curricula and Syllabi of the 5<sup>th</sup> to 8<sup>th</sup> semesters based on the recommendations of BOS and standing committee meetings. He also explained the introduction of higher order thinking in various subjects of each department to be incorporated from 5<sup>th</sup> semester to 8<sup>th</sup> semesters of all programmes
- 2.4 Discussed and approved the UG Regulation 2019, Curricula and Syllabi for 5<sup>th</sup> to 8<sup>th</sup> semesters

*After a detailed discussion Academic council resolved to approve the implementation of 2019 regulation, Curricula and Syllabi for 5<sup>th</sup> semester to 8<sup>th</sup> semesters of all programmes. This comes to effect from the academic year 2021 - 2022 onwards.*

- 2.5 The HOD of each department submitted their curricula and syllabi as per the recommendations and suggestions received in the BOS and standing committee for approval. The council accorded the approval for the curricula and syllabi revision for all the programmes (Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering). This comes into effect for the students admitted from the academic year 2019-2020 onwards.

## 2.6 Summary of suggestions made to concerned Departments:

### **Civil Engineering**

To consider the suggestions of BOS, in the syllabus of Industrial Wastewater Management course, Unit IV and Unit V to be rearranged and in Environmental Legislations in India course, Unit IV and Unit V are to be updated with the Rules. Suggested to remove NPTEL and add few more reference books in the Wastewater Engineering. Recommended to rearrange the experiments order in Concrete and Highway Engineering Laboratory

*Resolved to approve to rearrange the topics in the unit IV and unit V of Industrial Wastewater Management and Environmental Legislations in India course. Included the suggested reference books in Wastewater Engineering. Rearranged the experiments order in Concrete and Highway Engineering Laboratory as presented in the Academic Council.*

### **Computer Science and Engineering**

To consider the suggestions of BOS, Machine Learning, IoT, Deep learning can be offered as Professional Elective and Artificial Intelligence to be given as Professional Core. Probability and Queuing Theory course can be modified as Probability and Statistics. IPR and TQM can be given as Open Elective. Soft Computing can be given as Elective in Semester VI.

*Resolved to approve to include Machine Learning, IoT, Deep learning as the Professional Elective. Artificial Intelligence is included as Professional Core. IPR and TQM are included as Open Elective. Probability and Queuing Theory course is renamed as Probability and Statistics. Soft Computing is given as Elective in Semester VI as presented in the Academic Council.*

### **Electronics and Communication Engineering**

The members suggested to change Robotics in Elective - VI, instead Machine Learning and Artificial Intelligence can be incorporated. In open elective, VHDL and Verilog Programming title can be changed as Hardware Description Language and in the syllabus Verilog programming can be followed. In open elective, instead of MATLAB Programming and its Applications, Vehicular Communication Technology may be included. More number of Professional Electives in semester VII and VIII can be provided.

*Resolved to approve to incorporate Machine Learning and Artificial Intelligence instead of robotics in the Elective-VI. VHDL and Verilog Programming is renamed as Hardware Description Language. In open elective, instead of MATLAB Programming and its Applications, Vehicular Communication Technology is included. More number of Professional Electives in semester VII and VIII are provided as presented in the Academic Council.*



## **Electrical and Electronics Engineering**

To consider the recommendation of BOS, in Measurements and Control Systems Laboratory, Control System experiments may be increased and MATLAB based Control System experiment may be included. In Open Elective, in Electrical Drives and Controls subject, syllabus may be reframed

*Resolved to approve to increase the Control System experiments and to add MATLAB based experiments in Measurements and Control Systems Laboratory. In Open Elective, the syllabus of Electrical Drives and Controls is Reframed as presented in the Academic Council.*

## **Mechanical Engineering**

To consider the recommendation of BOS, suggested to combine (Kinematics and Dynamics laboratory) as one laboratory without reducing the content of the courses in V semester. Design and fabrication project with 2 credits is recommended for inclusion in the VI semester. Welding Technology with 3 credits is recommended for inclusion in the Professional Elective II for the semester VI. Project phase – I with 2 credits is recommended for inclusion in the VII semester. Process Planning and Cost Estimation with 3 credits is recommended for inclusion in the Professional Elective VI for the semester VIII.

*Resolved to combine (Kinematics and Dynamics) laboratory as one laboratory without reducing the content of the courses in V semester. Included the Design and fabrication project with 2 credits in VI semester. Welding Technology with 3 credits is included in the Professional Elective II for the semester VI. Project phase – I with 2 credits is included in the VII semester. Process Planning and Cost Estimation with 3 credits is included in the Professional Elective VI for the semester VIII as presented in the Academic Council.*

- 2.7 The results of the End Semester Examination of the 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> semesters were declared on 15.03.2020.

*Resolved to approve End Semester Examination Results. The overall result for the academic year 2020-2021 is Civil-84.935%, CSE-88.52%, ECE-90.19%, EEE-83.84%, Mechanical-92.64 %*

- 2.8 The results of the Arrear Examination of the Regulation 2013 and Regulation 2017 were declared on 15.03.2020.

*Resolved to approve End Semester Arrear Examination Results for Regulation 2013 and Regulation 2017.*

**2.9** In the Academic Year 2019-2020, 79.05% of the students got placed in reputed companies and in 2020-2021, 70.77% of the students got placed in reputed companies till date.

**2.10** Institute Scholarship for the students who were admitted in the academic year 2020-2021 is Rs.25,61,950/-

*Academic Council members appreciated the management for the above scholarship given to meritorious and economically weak students.*

*Resolved to approve the following scholarship for the students for the academic year 2021 -2022.*

Cut Off	Fee Concession
175 & Above	100 % Tuition Fee and Hostel/Transport Fee Waiver
170 to 174.75	100 % Tuition Fee Waiver
165 to 169.75	50 % Tuition Fee Waiver
160 to 164.75	25% Tuition Fee Waiver

**2.11** The Principal, P. A. College of Engineering and Technology, briefly explained about conduction of online examination for end semester students.


After a detailed discussion the members of academic council resolved to approve the conduction of online examination for end semester students.

**2.12** Question paper setting, scrutiny and evaluation by External Examiners

*Resolved to approve the Question paper setting, scrutiny and evaluation by External Examiners from the other reputed colleges.*

**2.13** Principal reported about the importance of Academic Enrichment for Faculty and Students

*Resolved to approve for the academic enrichment of faculty and students through NPTEL Courses.*

  
10/04/2021  
Approved by: Dr. T. Manigandan  
Principal