



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)

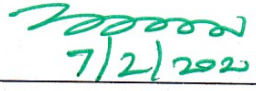

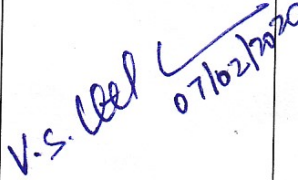

Approved by AICTE, New Delhi & Affiliated to Anna University,
Chennai


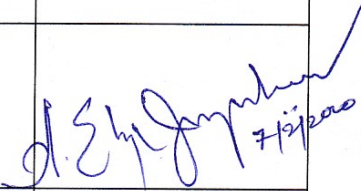
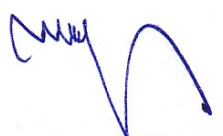
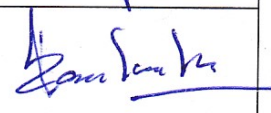

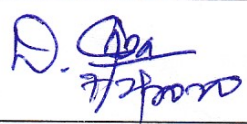



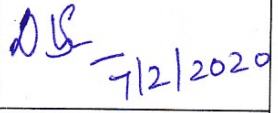
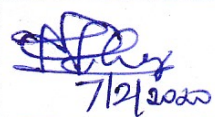
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POLLACHI, COIMBATORE – 642 002.



Minutes of the Meeting of the Second Academic Council

The Second Academic Council Meeting held on 07.02.2020. The meeting started at 11.00 am in the Conference hall. The Principal presided over the meeting. HOD's of all the department 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	 7/2/2020
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	 V.S. Senthilkumar 07/02/2020
4.	Dr. G. Sankara Subramanian Professor and Head Department of Civil Engineering PSG College of Technology Coimbatore – 641 004.	University Nominee	 G. Sankara Subramanian 07/02/2020

5.	Dr. S. N. Sivanandam Former Professor and Head Department of Computer Science and Engineering PSG College of Technology Coimbatore - 641004	Expert Member	
6.	Dr. A. Ebenezer Jeya Kumar Former Principal, Government College of Engineering, Salem.	Expert Member	
7.	Dr. N. Somasundaram Advocate - Retired Additional Commissioner Sales Tax, Pollachi - 642002	Expert Member	
8.	Dr. S. Ramakrishnan Pollachi Cardiac and Medical Centre, Pollachi - 642002	Expert Member	
9.	Dr. G. BalaMurugan	Head of the Department, Department of Civil Engineering	
10.	Dr. D. Chitra	Head of the Department, Department of Computer Science and Engineering	
11.	Dr. L. Murali	Head of the Department, Department of Electronics and Communication Engineering	
12.	Dr. S. VijayaBaskar	Head of the Department, Department of Electrical and Electronics Engineering	
13.	Dr. T. Varun Kumar	Head of the Department, Department of Mechanical Engineering	
14.	Dr. D. Senthil Kumar	Professor, Department of Mechanical Engineering / TPO	
15.	Dr. D. Ganeshkumar	Prof. ECE / Chief Co-ordinator (IIP and R&D) Cell	

16.	Mr. C. R. Arul Prakasam	Assistant Professor, Department of Civil Engineering	<i>Dr. C. R. Arul Prakasam</i>
17.	Dr. T. Gandhimathi	Associate Professor- Mathematics S & H	<i>T. Gandhimathi</i>
18.	Mr. R. Palanisamy Associate Professor, Department of Physics P.A. College of Engineering and Technology, Pollachi - 642002	Member Secretary	<i>R. Palanisamy</i>

Special Invitees:

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

Points Discussed:


1.1	The Principal, Chairman of Academic Council welcomed all the University nominees and the members.
1.2	Minutes of the First Academic Council Meeting held on 26.06.2019 was presented.
	<ul style="list-style-type: none"> <i>Resolved to confirm the minutes of the 1st Academic Council Meeting held on 26.06.2019.</i> <i>Regulations 2019 are implemented as confirmed by the previous Academic Council Meeting.</i> <p style="text-align: center;"><i>Discussed and Approved</i></p>
1.3	The Principal, P. A. College of Engineering and Technology, briefed about the changes introduced in the UG curriculum and Syllabi of the 3 rd to 8 th semesters and PG curriculum and Syllabi of the 3 rd to 4 th 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 3 rd semester to 8 th semesters of all programmes.

1.4	The HOD's of each department submitted their curriculum and syllabi as per the recommendations and suggestions received in the BOS and standing committee for approval. The council accorded the approval for the curriculum 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.
	Summary of suggestions made to concerned Departments:
1.5	Civil Engineering
	To consider the suggestion of BOS in the syllabus of Strength of Materials II, Direct and Bending Stress to be included in the unit III. Introduction to riveted joints to be included in Unit I of the course Basic Structural Design I. Recommended to include the suggested Reference books in the following courses, Applied Hydraulics and Fluid Machinery, Foundation Engineering and Basic Structural Design II. Suggested to include Young's Modulus of Concrete experiment in the Highway Engineering Laboratory
	<i>Resolved to approve to include Direct and Bending Stress topic in the unit III of the course Strength of Materials II and Introduction to riveted joints in Unit I of the course Basic Structural Design I. Included the suggested reference books in the following courses, Applied Hydraulics and Fluid Machinery, Foundation Engineering, Basic Structural Design II. Included Young's Modulus of Concrete experiment in the Highway Engineering Laboratory as presented in the academic council.</i>
1.6	Computer Science and Engineering
	The following suggestions were given by the expert committee members. Digital Principles and System Design and Machine Learning to be included in the curriculum. Artificial Intelligence to be given as Professional Core. Latest Web Technology Tools to be incorporated in Web Programming Syllabus. Crypto Science and Block Chain Technology can be incorporated in PG Curriculum.
	<i>Resolved to approve to included Digital Principles and System Design and Machine Learning courses in the curriculum. Artificial Intelligence is included as the Professional Core. Latest Web Technology Tools are included in Web Programming Syllabus. Crypto Science and Block Chain Technology are incorporated in PG Curriculum as presented in the academic council.</i>

1.7	Electronics and Communication Engineering
	<p>The following suggestions were given by the BOS committee members, the course Electromagnetic Fields to be included in 3rd or 4th Semester. Analog and Digital Communication course to be given as separate course. Imaging Topic to be included in the syllabus of Biomedical Electronics. The course on Information coding to be included as Professional core or Elective. The course on Power Electronics, Operating System, VLSI Signal Processing and Data Analytics to be included as Elective.</p>
	<p><i>Resolved to approve to include the course on Electromagnetic Fields in 4th semester. Analog and Digital Communication is given as Analog Communication in 5th semester and Digital Communication in 6th Semester. Imaging Topic is included in the syllabus of Biomedical Electronics. The following courses</i></p> <ul style="list-style-type: none"> ➤ <i>Power Electronics</i> ➤ <i>Operating Systems</i> ➤ <i>VLSI Signal Processing</i> ➤ <i>Data Analytics</i> <p><i>are included as Professional Elective as presented in the Academic Council.</i></p>
1.8	Electrical and Electronics Engineering
	<p>To consider the recommendation of BOS, the title of the following Courses to be changed as</p> <ul style="list-style-type: none"> ➤ Electrical Machines –I to DC machines and Transformers ➤ Electrical Machines –II to Synchronous and Induction Machines ➤ Data Structures and Object Oriented Programming with C++ to Object Oriented Programming with C++ ➤ Wind and Solar System to Renewable Energy System. <p>Signals and Systems to be removed from the curriculum. Course on Network Analysis and Synthesis to be included in Curriculum. All Courses should have minimum of two course objectives in the syllabus.</p>
	<p><i>Resolved to approve to change the title of the course as below</i></p> <ul style="list-style-type: none"> ➤ <i>Electrical Machines – I to DC machines and Transformers</i> ➤ <i>Electrical Machines – II to Synchronous and Induction Machines</i> ➤ <i>Data Structures and Object Oriented Programming with C++ to Object Oriented Programming with C++</i> ➤ <i>Wind and Solar System to Renewable Energy System.</i> <p><i>The Course on Network Synthesis is included and Signals and Systems is excluded from the curriculum. All the courses are maintained with minimum of two course objectives as presented in the academic council.</i></p>

1.9	Mechanical Engineering								
	<p>The BOS members recommended to include the following courses</p> <table border="1"> <thead> <tr> <th>Semester</th><th>Course Name</th></tr> </thead> <tbody> <tr> <td>III</td><td>Constitution of India</td></tr> <tr> <td>IV</td><td>Communication Skill Laboratory</td></tr> <tr> <td>V</td><td>Quantitative Aptitude and Soft Skills</td></tr> </tbody> </table> <p>Suggested to give 2 credits for the Project Phase I in VII Semester.</p>	Semester	Course Name	III	Constitution of India	IV	Communication Skill Laboratory	V	Quantitative Aptitude and Soft Skills
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1.10	To consider the recommendation of standing committee to include current Technologies and Tools in the syllabus.								
	<ul style="list-style-type: none"> <i>Resolve to approve the changes in the Syllabi to include latest tools and technologies.</i> 								
2.1	Question paper Setting, Scrutiny and Evaluation by External Examiners								
	<ul style="list-style-type: none"> <i>Resolved to approve the Question paper setting, Scrutiny and Evaluation completely by External Examiners from the Reputed Institutions.</i> 								
2.2	The results of the End Semester Examination of the 3 rd , 5 th and 7 th semesters were declared on 16.12.2019 and the 1 st Semester was declared on 25.12.2019. Revaluation results were published on 01.02.2020.								
	<ul style="list-style-type: none"> <i>Resolved to approve End Semester Examination Result. The overall result for the Academic Year November – December 2019 – 2020 - Civil – 51.43% CSE - 74.76% ECE – 77.89% EEE – 69.84% and Mechanical – 55.25%.</i> <i>Academic Council Members appreciated the HOD's and Faculty Members for producing better results.</i> 								
3.1	In the Academic Year 2018 – 2019 – 70% of the students got placed in reputed companies and 2019 – 2020 – 50% of the students got placed till date.								
4.1	Principal reported about the importance of Academic Enrichment for Faculty and Students								

	<ul style="list-style-type: none"> Resolved to approve for the academic enrichment of faculty and students through NPTEL Courses. 										
5.1	<ul style="list-style-type: none"> Institution provides awards to Best staff to faculty members of each department. Institution provides awards to Best Outgoing student, Best co-curricular and Best Extra-curricular activities to students of each department. 										
5.1	<p>Institute Scholarship for the students who were admitted in the Academic Year 2019 – 2020 - Rs. 74,35,500/- and for 2018 – 2019 – 1,13,82,700/- respectively.</p> <p><i>Academic Council Members appreciated the Management for above scholarship given to the meritorious and economically weaker students.</i></p>										
	<ul style="list-style-type: none"> Resolved to approve the following scholarship for the students for the academic year 2020 -2021. <table border="1"> <thead> <tr> <th>Cut Off</th><th>Fee Concession</th></tr> </thead> <tbody> <tr> <td>175 & Above</td><td>100 % Tuition Fee and Hostel/Transport fee Waiver</td></tr> <tr> <td>170 to 174.75</td><td>100 % Tuition Fee Waiver</td></tr> <tr> <td>165 to 169.75</td><td>50 % Tuition Fee Waiver</td></tr> <tr> <td>160 to 164.75</td><td>25% Tuition Fee Waiver</td></tr> </tbody> </table> <ul style="list-style-type: none"> 50% Scholarship for the students admitted under Sports Quota. 	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
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										
5.2	Implementation of new courses for the Academic Year 2020 -2021 is yet to be decided.										
5.3	Every year, Academic Audit will be conducted to ensure the quality of the Institution.										
	<p><u>Suggestions to the Governing Body</u></p> <ol style="list-style-type: none"> As an appreciation on successfully completing NPTEL courses, faculty members and students can be rewarded. Under Sports Quota Scholarship, <ul style="list-style-type: none"> 100% Tuition Fee Waiver for National Level Player 50% Tuition Fee Waiver for State Level player 25% Tuition Fee Waiver for District Level Player 										


 Approved by: Dr. T. Manigandan
 Principal