



P.S.R. ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Sevalpatti (P.O), Sivakasi - 626140.

Tamilnadu State



EIGHTH MEETING OF THE ACADEMIC COUNCIL

MINUTES OF EIGHTH MEETING OF THE ACADEMIC COUNCIL OF P.S.R. ENGINEERING COLLEGE HELD ON 13th APRIL 2019

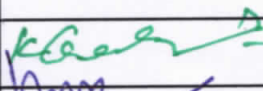
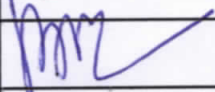
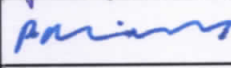

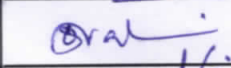

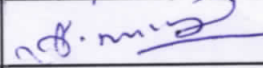

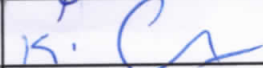




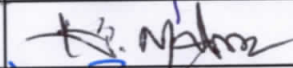

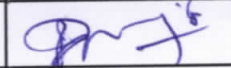
AT 10.35 AM IN BOARD ROOM

Date: 13th April 2019

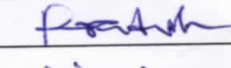
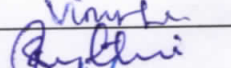
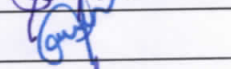


External Members

S.No.	Name and Affiliation	Category	Signature
1.	Dr. E. Natarajan, <i>director</i> Professor & Chairman , Institute of Energy Studies, Department of Mechanical, CEG Campus, Anna University, Chennai - 600025.	University Nominee	
2.	Dr. B. Kothandaraman Professor, Department of Rubber and Plastic Technology, MIT Campus, Anna University, Chennai - 600044.	University Nominee	
3.	Dr. Saswati Mukherjee Professor, Department of Information Science and Technology, CEG Campus, Anna University, Chennai - 600025.	University Nominee	
4.	Dr. B. Sriram Kumar Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Trichy - 620015.	Member- Academic	
5.	Dr. P. Venkatesh, Professor, Department of Electrical and Electronics Engineering, Thiagarajar College of Engineering, Madurai - 625015	Member- Academic	
6.	Mr G.S. Raman Head Training, Sri Mookambika Info Solutions, Madurai	Member- Industry	
7.	Dr. M. Arunraja Manager, Silicon Harvest, 80, 2 nd Floor, Yanaikal, Madurai - 625001	Member- Industry	

Internal Members

S.No.	Name of the Members	Designation	Signature
1.	Dr.K.Ganesan	Principal	
2.	Dr B.G. Vishnuram	Director - Academic	
3.	Dr.P.Marichamy	Professor & Dean	
4.	Dr.M.Shahul Hameed	HOD/Civil & Dean (Research)	
5.	Dr.K.Valarmathi	HOD/ECE	
6.	Dr.K.RubaSoundar	HOD/CSE	
7.	Dr.A.Muthiah	HOD/Mech	
8.	Dr.R.Madavan	HOD/EEE	
9.	Dr.K.Subramanian	HOD/BioTech	
10.	Dr.P.Kannan	HOD/MBA	
11.	Mr.D.Sriram	HOD/H&S	
12.	Dr.S.Kalidass	Controller of Exams	
13.	Dr.P.Pitchipoo	Professor / Mech	
14.	Dr.P.Ranjith Kumar	Assoc Prof/ECE	
15.	Mr.K.Mahendran	Asst. Prof / Civil	
16.	Mr.R.Kasiram	Assoc.Prof / MBA	
17.	Dr.S.Singaravelan	Asso. Prof/CSE	

Student Representatives

	Name of the Student	Class	Signature
18	B.Pradhap	IVth Year B.E Civil	
19	P.Vinitha	IVth Year B.E ECE	
20	S.Kayathri	I st year M.E. CSE	
21	K.Priyanka	II nd M.E. Structural Engg	
22	M.Ranjeet	II nd M.E. Engg Design	

The Principal and Chairman Dr.K.Ganesan, welcomed the members for the eighth meeting of the Academic Council. The Principal introduced both the external and internal members to the Academic Council. Then he briefed the agenda to be discussed in the meeting.

ITEM NO #1: Compliance of Resolutions of Seventh Meeting of Academic Council

ITEMS of 7 th Academic Council Meeting	Resolutions Passed	Compliance /Action Taken
Ratification of Transfer and Re-admitted candidates	Approved	-
Internal Assessment procedure for Theory cum Practical courses	40% Tests + 10 % Assgn + 40% Practical + 10% Attendance	Implemented
MOOC Courses	Online courses may be specified for study	Under Implementation
Conduct of Reappearance courses	The classes may be conducted during evening timings and / or Saturdays	Implemented
Any Other Matters	<ul style="list-style-type: none"> • Encourage the students for internship / inplant training • Replace unoffered elective courses 	Implemented

ITEM NO #2: Information to the council members

Chairman informed the members of the council that the following academic developments / achievements have taken place during the academic year 2018-19.

- Extension of Autonomous status was granted by both UGC & Anna University for the period from 2018-19 to 2022-23.
- NBA accreditation status for the following programmes has been extended further 3 years.

Programme	Accreditation Status granted
B.E. Electronics and Commn Engg	2019-20 to 2021-22

B.E. Computer Science and Engg	2019-20 to 2021-22
B.E. Electrical and Electronics Engg	2019-20 to 2021-22

- Permanent affiliation is granted to the programme B.E. Civil Engineering by the Anna University. So, in total 6 UG & 2 PG programmes are permanently affiliated.
- A Centre of Excellence on Robotics and IOT by Texas Instruments is established in the college.
- AICTE has selected the proposals submitted by the college on MODROB, 2 STTPS and a Conference.
- 3 books have been published by the faculty members.
- BOS meetings of the departments have been conducted as per the schedule below:
 - 5.04.2019 – H&S (First Year), Civil & MBA
 - 6.04.2019 – ECE, CSE, EEE & Mech
 - 9.04.2019 - BioTech

The council appreciated the efforts of the College in achieving the above.

ITEM NO #3: Ratification of Scheme and Syllabus for First Year Courses from the Academic Year 2019-20

Chairman outlined the recommendations of the BOS of H&S in framing the schemes and courses for first year applicable to the students admitted from the Academic Year 2019-20 onwards based on the AICTE model curriculum. He highlighted the following:

- A mandatory “Induction Programme” is introduced as per the AICTE guidelines for the newly admitted students.
- A course titled ‘Communicative English’ is introduced to take care of the students studied in Tamil medium.
- In second semester, the course “Environmental Science’ is introduced as a core course.
- The total number of credits for both first and second semesters is 18.
- In order to balance the load of the department handling the common ES courses; Engineering Graphics, Basic Electrical and Electronics Engineering and Basic Electrical and Electronics Laboratory will be offered in first semester and the courses Programming For Problem Solving and Mechanical Workshop will be offered in second semester for ECE, CSE and BME programmes. The same will be offered, but the semester is swapped for Civil, Mech and BioTech programmes.
- Electric Circuit Analysis and Electric Circuits Laboratory are offered for EEE instead of Basic Electrical and Electronics Engineering and Basic Electrical and Electronics Laboratory in second semester.

He mentioned further that approval for starting a new UG programme 'BioMedical Engineering' is being expected from both AICTE and the Anna University. The first year scheme and syllabus of UG programme 'Electronics and Communication Engineering' will be followed for UG programme 'BioMedical Engineering'.

The first year scheme and syllabus is provided in Annexure-1.

After discussion, the council approved the first year scheme and syllabus applicable to the students admitted from the academic year 2019-20 and onwards for all the existing UG programmes and the new programme on 'BioMedical Engineering'

ITEM NO #3: Ratification of UG Curriculum and Syllabus (I to IV semesters) Proposed by BOSs

Chairman outlined the resolutions passed in the BOSs in framing the UG curriculum under new regulation-2019. Also, he mentioned that the new curriculum has been designed based on the following factors:

- AICTE model curriculum (Jan 2018)
- UGC circular dated 20.06.2018
- Suggestions from Stakeholders
- Recommendation of Board of Studies

Accordingly, the respective department programme committee has designed curriculum and syllabus from first to fourth semesters of their UG programmes.

The minutes of the meeting are provided in Annexure-2.

The members suggested to have the total credits ranging from 160 to 165.

The Academic Council approved the curriculum and syllabus of first four semesters of all UG programmes.

ITEM NO #4: Ratification of PG Curriculum and Syllabus Proposed by BOSs

Chairman outlined the resolutions passed in the BOSs in framing the PG curriculum and syllabus under new regulation-2019 based on the factors as above in ITEM.3.

The respective department programme committee has designed curriculum and syllabus of their PG programmes. The PG programmes are:

1. M.E. Applied Electronics
2. M.E. Computer Science and Engineering
3. M.E. Structural Engineering
4. M.E. Power Electronics and Drives
5. M.E. Engineering Design, &
6. M.B.A

The minutes of the meeting are provided in Annexure-2.

The members suggested the following:

- Total credits may range from 69 to 71 for all Engineering PG programmes.
- Suggested to change Project Phase-1 & Phase-2 as Project-1 & Project-2.

The Academic Council approved the Curriculum and Syllabus of all PG Programmes as proposed by the respective BOSs.

ITEM NO #5: Mandatory Modules / Courses

Chairman informed the council that the following Mandatory Modules and Courses as non-credit courses based on the guidelines of the AICTE have been planned to offer in the new Regulation-2019.

- Induction Programme - for newly admitted students before the start of the classes.
- Constitution of India or Essence of Indian Knowledge Tradition – to be offered in Semester-V
- NSS Activities
- Internship

The mandatory course on 'Environmental Science' is offered as a core course for all the programmes in second semester.

The members pointed out that arranging internship for all the students may be difficult. So, the students may be given option of choosing either Internship or a NPTEL(or any MOOC) course as recommended by the department. Internship should be atleast one-week duration. A participation in the NSS activities may also be considered, if a student unable to clear NPTEL course with minimum pass requirement or internship.

The Academic Council approved the mandatory modules / courses i.e., Induction Programme, Constitution of India or Essence of Indian Knowledge Tradition, Internship / NPTEL (or any MOOC) / NSS. and their implementation as mentioned above,

ITEM NO #6: Value Added Courses

The respective HoDs presented a list of Value Added Courses that are being offered and to be offered to the students of their departments. The Value Added Courses will be useful to bridge the gap in the knowledge on latest technologies and also to make them industry ready.

The list of Value Added Course are provided in Annexure- 3.

Mr. G.S. Raman, an industry member suggested the following modules, as they are mostly wanted in the industries.

Web Technology – Angular JS / Node JS

Developers – SPARK/ Automate

DBMS – Mango / Aurora / Elastic Search

Cloud Computing – Infra with AWS

GO – Parallel Computing

Machine Learning

Dr.E.Natrajan, Dr.D.Sriram Kumar and Dr.B.Kothandaramn, suggested to have the following:

Robotics for all

Renewable and Appropriate Technology

Biogas Plants

Dr.Saswati Mukherji suggested Python, AI and Machine Learning for all the disciplines.

The meeting concluded at 1.30 pm.


Principal & Chairman
PRINCIPAL
PS R ENGINEERING COLLEGE
Sevalpatti, SIVAKASI 626 140.
Virudhunagar (District)