



P.S.R.ENGINEERING COLLEGE

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

Sevalpatti (P.O), Sivakasi - 626140.

Tamilnadu State




SIXTH MEETING OF THE ACADEMIC COUNCIL

MINUTES OF THE SIXTH MEETING OF THE ACADEMIC COUNCIL OF P.S.R.ENGINEERING COLLEGE HELD ON 4th MARCH 2017 AT 10.30 AM IN BOARD ROOM

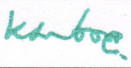
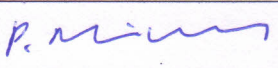
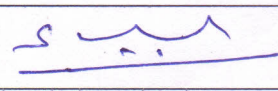
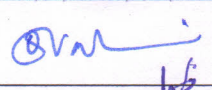
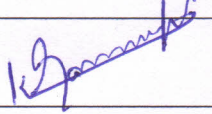
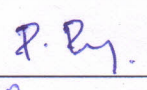
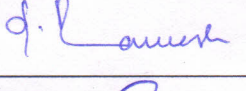
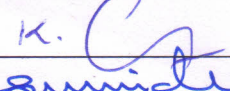
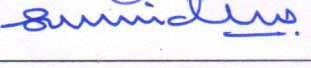

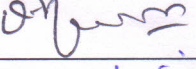
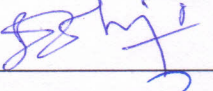
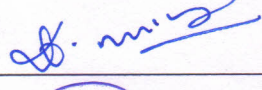
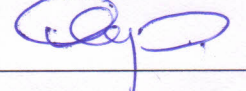
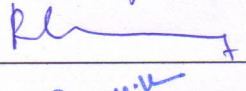
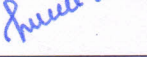
Date: 4th March 2017

External Members

| S.No. | Name and Affiliation | Category | Signature |
|-------|--|-----------------------|------------------|
| 1. | Dr.D.Mohanlal, Professor, R&AC Division, Dept. of Mechanical Engg. CEG Campus, Anna University, Chennai - 600025 | University Nominee | |
| 2. | Dr.Velamurali, Professor, Dept. of Mechanical Engg. CEG Campus, Anna University, Chennai - 600025 | University Nominee | |
| 3. | Dr.S.Muttan , Professor and Head Dept. of Electronics and Communication Engg. CEG Campus, Anna University, Chennai - 600025 | University Nominee | |
| 4. | Dr P Jayabalan , Professor and Former Dean, Dept of Civil Engineering, National Institute of Technology, Trichy-620015. | Academic Expert | |
| 5. | Dr.N.Kamaraj, Professor & Dean (Students) Dept. of Electrical and Electronics, Thiagarajar College of Engineering, Madurai - 625005 | Academic Expert | unable to attend |
| 6. | Er.P.Palraj, General Manager Plant, First Technologies (India) Pvt Ltd. PIPIDIC Industrial Estate, Puduchery - 605009. | Expert- Industry | |

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|----|--|---------------------|---|
| 7. | Er Sanna Ratnavel , Member, Board of Governors, Engg Council of India, -N. Delhi Penthouse, Bougainvillea. 106, P.T.Rajan Road, Madurai-625014. | Expert- Industry |  |
|----|--|---------------------|---|

Internal Members

| Sl.No | Name of the Members | Designation | |
|-------|----------------------|---|---|
| 8. | Dr.K.Subramanian | Principal & Chairman of Academic Council |  |
| 9. | Dr.P.Marichamy | Professor and Dean |  |
| 10. | Dr.M.Shahul Hameed | Head and Dean (Research), Dept. of Civil Engg, |  |
| 11. | Dr.K.Valarmathi | Professor and Head, Dept. of ECE |  |
| 12. | Dr.K.Ruba Soundar | Professor and Head, Dept. of CSE |  |
| 13. | Dr.P.Pitchipoo | Professor and Head, Dept. of Mechanical Engg |  |
| 14. | Dr.S.Ramesh | Professor and Head, Dept. of EEE |  |
| 15. | Dr.K.Subramanian | Professor and Head, Dept. of BioTechnology, |  |
| 16. | Dr.S.Kalidass | Controller of Examinations & Professor, Mech Engg. |  |
| 17. | Mr.R.Thirumalaikumar | Assoc. Professor and Head, Dept. of Management Studies, |  |
| 18. | Mr.D.Sriram | Assoc. Professor and Head, Dept. of Science and Humanities |  |
| 19. | Dr.S.Singaravelan | Associate Professor Dept. of CSE |  |
| 20. | Mr.A.Muthiah | Associate Professor, Dept. of Mechanical Engg, |  |
| 21. | Dr.P.Ranjith Kumar | Associate Professor, Dept. of ECE |  |
| 22. | Mr.P.Kumar | Assistant Professor, Dept. of Civil Engg, |  |
| 23. | Mrs. K. Rama Lakshmi | Member Secretary, Asst Prof / ECE |  |

The Principal and Chairman of the Academic Council Dr.K.Subramanian, welcomed all the members for the Sixth meeting of the Academic Council. The chairman introduced external and internal members to the Academic Council. Then the chairman briefed about agenda to be discussed in the meeting.

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

| ITEMS of 5th Academic Council Meeting | Resolutions Passed | Compliance /Action Taken |
|--|---------------------------|---------------------------------|
| Approval of UG Regulation 2016 (CBCS) based | Approved | Implemented |
| Approval of PG Regulation 2016 (CBCS based) | Approved | Implemented |
| Approval of UG Curriculum and Syllabus (upto 4 th Sem) Proposed by BOSS | Approved | Implemented |
| Approval of PG Curriculum and Syllabus Proposed by BOSS | Approved | Implemented |
| Approval of PSOs & Review of Vision and Mission of different programmes | Approved | Implemented |

ITEM NO #2: Appraisal of the Academic Developments

Chairman appraised the members of the following major academic developments that have taken place during the year 2016-17.

- The departments of Mechanical and Electrical and Electronics have been recognized as Research Centers by Anna University.
- The UG Programme of Electronics and Communication Engineering has been reaccredited provisionally by NBA
- The students are being trained on soft skills by external agencies to improve their employability skills from first year onwards.
- About 45 companies have visited the college for recruiting students in the campus.
- Three International Conferences are going to be conducted in the college. ECE & EEE depts jointly organizing its Conference on 15-17 March, Mechanical dept and Civil is conducting Conference on 31st March and 12th April, respectively.

ITEM NO #3: Approval of UG Curriculum and Syllabus (5th to 8th Sem) Proposed by BOSs

Chairman outlined the resolutions passed in the BOSs in framing the UG curriculum and syllabus from 5th semester to 8th semester under new Regulation-2016 and asked the Head of the Departments to present the same department wise for the members' approval.

| Programme | BOS Resolutions on | Action of the Academic Council |
|------------------|------------------------------------|---------------------------------------|
| B.E. ECE | 5 to 8 Sem Curriculum and Syllabus | Approved |
| B.E. CSE | 5 to 8 Sem Curriculum and Syllabus | Approved |
| B.E. EEE | 5 to 8 Sem Curriculum and Syllabus | Approved |
| B.E. Mech | 5 to 8 Sem Curriculum and Syllabus | Approved |
| B.E. Civil | 5 to 8 Sem Curriculum and Syllabus | Approved |
| B.Tech- Bio Tech | 5 to 8 Sem Curriculum and Syllabus | Approved |

The Academic Council resolved to approve the Curriculum and Syllabus of 5th to 8th semesters of all UG Programmes as proposed by the respective BOSs.

ITEM NO #4: Open Electives

HODs circulated the list of open electives of their respective UG programmes as passed in the BOSs to the members for approval.

After discussion, all the members approve the open electives as proposed by the respective BOSs.

ITEM NO #5: Special Supplementary Exam for Passed out Candidates (for Reg-2012)

The chairman proposed the conduction of Special Supplementary Examination under Regulation-2012 for the benefit of outgoing students to earn the degree. After discussion, the following eligibility criteria have been fixed for a candidate to appear in the Special Supplementary Examination.

- The outgoing candidates who have Reappearance (RA) in 2 courses maximum only in 7th and 8th semesters are eligible.

The Academic Council resolved to approve the Special Supplementary Examination under Regulation-2012

ITEM NO #6: Programme Educational Objectives (PEOs)

The chairman proposed the Programme Educational Objectives which are reviewed and redrafted by the department advisory committees and the standing committee of the institute for the approval of the academic council. The statements of PEOs are listed below:

The Graduates able to

- PEO 1. Lead a professional career by acquiring the basic knowledge in the field of specialization and allied Engineering.
- PEO 2. Assess the real life problems and deal with them confidently relevance to the society.
- PEO 3. Engage in lifelong learning by pursuing higher studies and participating in professional organizations.
- PEO 4. Exhibit interpersonal skills and able to work as a team for success.

After discussion, the members of the Academic Council resolved to approve the above PEOs for implementation.

ITEM NO #7: Programme Outcomes (POs)

The chairman proposed the POs suggested by the NBA (in Annexure-1 of Self Assessment Report (SAR) Format for UG Engineering Programs -Tier-1, January 2016) to be followed for the members approval. The POs prescribed by NBA are given below:

Engineering Graduates will be able to:

1. **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design / Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct Investigations of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

After discussion, the members of the Academic Council resolved to approve the above POs for implementation.

ITEM NO #8: Any Other Matters

The members suggested the following:

- Society based and Inter disciplinary projects needs to be encouraged.
- Atleast 60 to 70% of courses in the list of electives should be offered.

The meeting concluded at 1.30 pm.

K. Srinivas
Chairman & Principal
PRINCIPAL
P.S.R. ENGINEERING COLLEGE
Sevalpatti, SIVAKASI - 626 140
Virudhunagar (District)