



# P.S.R.ENGINEERING COLLEGE

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

Sevalpatti (P.O), Sivakasi - 626140.

Tamilnadu State

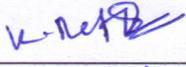


## FIFTH MEETING OF THE BOARD OF MANAGEMENT

### MINUTES OF FIFTH MEETING OF BOARD OF MANAGEMENT [GOVERNING COUNCIL] OF P.S.R. ENGINEERING COLLEGE HELD ON 23<sup>rd</sup> JUNE 2016 AT 10.30AM IN BOARD ROOM

Date: 23.06.2016

Sl.No.	Name of the Members	Designation and Address	Signature
<b>External Members</b>			
1	Dr.K.Gunasekaran Member - UGC Nominee	Additional Secretary (Retd.), UGC, New Delhi.	<i>K. Gunasekaran</i>
2	Dr.P.Narasimman Member - State Govt Nominee	Assistant Director (Planning), DOTE, Chennai-600 025	<i>unable to attend</i>
3	Dr.L.Karunamoorthy Member - Anna University Nominee	Prof & Chairman, Faculty of Mechanical Engg., Anna University, Chennai -25	<i>L. Karunamoorthy</i> 23/06/16
4	Dr.G.Arun Kumar, MBBS, M.D. Member - Industry	Aarthi Scans and Diagnostic Centre, Tirunelveli.	<i>G. Arun Kumar</i>
<b>Internal Members</b>			
5	Thiru R.Solaisamy	Managing Trustee, P.S.R.Engineering College.	<i>R. Solaisamy</i>
6	Tmt. S.Vijayalakshmi	Trustee, P.S.R.Engineering College.	<i>S. Vijayalakshmi</i>
7	Er (Mrs).S.Vigneshwari, B.Tech	Director & Trustee P.S.R.Engineering College.	<i>S. Vigneshwari</i>
8	Dr.K.R.Viswanathan	Director (Academic) P.S.R.Engineering College.	<i>K. R. Viswanathan</i> 23/06/16
9	Dr. B. G. Vishnuram	Principal, P.S.R.Engineering College.	<i>B. G. Vishnuram</i> 23/06/2016
10	Dr.P.Marichamy	Dean, P.S.R.Engineering College.	<i>P. Marichamy</i>
11	Dr. S. Ramesh	Head of EEE Dept., P.S.R.Engineering College.	<i>S. Ramesh</i> 23/6/16
<b>Special Invitees</b>			

12	Dr. P. Pitchipoo	Head of Mechanical Dept., P.S.R.Engineering College.	
13	Dr. K. Rajamannar	Head of MBA Dept., P.S.R.Engineering College.	
14	Dr.M.Sahul Hameed	Dean (Research) P.S.R.Engineering College.	
15	Dr.K.Rubasoundar	Head of CSE Dept., P.S.R.Engineering College.	

### Welcome by Managing Trustee

Thiru R.Solaisamy, Managing Trustee and Chairperson of the Board of Management initiated the meeting with a warm welcome to all the members and requested Dr.B.G.Vishnuram, Principal and Ex-Officio Member Secretary to preside over the meeting.

On completion of formal introduction, Dr.B.G.Vishnuram Principal and Ex-officio member secretary presented the agenda of the meeting for discussion to the members. The minutes of the meeting are given below:

### ITEM NO #1: Compliance of Resolutions of Fourth Meeting of Board of Management

Compliance of previous minutes of meeting and action taken are briefly highlighted as per the table below to the members:

ITEMS of 4 <sup>th</sup> Meeting of Board of Management	Resolutions Passed	Compliance /Action Taken	Corrections Suggested & Approved
#1 Compliance of Minutes of Third Meeting		-	Approved
#2 Ratification and Review of Vision and Mission of the Institute		-	Approved
#3 Resolutions of Academic Council	1. Introduction of Supplementary Exam	Implemented	-
	2. Choice Based Credit System (CBCS)	implemented	-
	3. Internship for bright final year students at Industries	implemented	-
#4 Appraisal of Infrastructure and	1. Research Centre recognition for ECE, Civil		
	2. Conduction of value added programmes, Trade Bazaar		

Academic Development	3. Cash awards to the faculty members for producing higher results and publications		
	4. Extension of Transport facility to Thirumangalam (Madurai), Aruppukottai and Villisery		
	5. New open well made for improved water supply		
#5 Ratification of Financial power to Principal	Financial power to Principal up to Rs 2 Lakh rupees	Implemented	-
#6 Ratification and Review of Strategic Plan	Approved and appreciated by the members	-	-
#7 Funding from the Trust for R&D	Financial assistance to the Projects for both faculty members and students.	Implemented	-
#8 Any other matters	Major revision of curriculum and syllabus once in four years	Implemented	
	Academic audit opinions / feedback shall be communicated to the concerned faculty member for improvement	Implemented	
	Participation of Alumni	Implemented	
	Elective courses based on local needs	Steps taken to include in the Regulation-2016	

*All the members noted and approved the compliance of previous minutes of the meeting and appreciated the action taken.*

### **ITEM NO #2: To Appraise the Resolutions of Fifth Meeting of Academic Council**

The resolutions passed in the fifth meeting of Academic Council of the college were appraised to the members of Board of Management for their feedback and suggestions

- Modifications in the components of tests for awarding internal marks (60%):

Name of the Test Components	Weightage	Coverage of Syllabus
Internal Assessment Test -1 (IAT-1)	30%	Units 1&2
Internal Assessment Test -II (IAT-II)	30%	Units 3&4
Pre-Semester Examination	40%	All 5 Units

- Ratification of Rules and Regulations of Supplementary Exam.
  - Special supplementary exam suggested for 8<sup>th</sup> semester appeared students
- Ratification of UG & PG Regulation-2016 (CBCS Based)
- Modified question paper pattern for the end semester examination:

Part A: 10 \* 2 Marks = 20 Marks

Part B: 5 \* 6 Marks = 30 Marks

Part C: 5 \* 10 Marks = 50 Marks

Total 100 Marks

Part A - Answer all Questions.

Part B - Answer any Five Questions out of Eight Questions.

Part C – Either / OR type Questions

- Ratification of UG & PG Curriculum and Syllabus Proposed by BOSs
- Program Specific Outcomes
- Review of Vision, Mission of the Institute and Department

*After discussion, the members appreciated the modifications brought in the question pattern, regulation and curriculum for enhanced learning experiences. Also, the Vision and Mission statement of the Institute and the Departments were reviewed by the members and suggested to continue with the same until next review.*

### **ITEM NO #3: To Appraise the Infrastructure / Academic Developments**

The following developments of the college during the academic year 2015-16 were appraised to the members:

- Extension of Research Centre approval for CSE dept.
- Extension of Guest House with additional 6 Rooms almost completed.
- Quality circle of students formed to enhance training and placement activities.
- Alumni Meeting was conducted at Chennai on 21<sup>st</sup> Feb 2016.
- Placement through campus recruitment process: 41 companies, 385 offers.
- Research Centre Recognition for Mech & EEE – Application sent to the University on 22.06.2016.
- Students and Faculty members encouraged to register NPTEL courses and exam.
- One Ph.D candidate of Civil dept. was awarded Ph.D degree. Another candidate's final Viva-voce exam is to be scheduled.
- The college has secured fifth place as per the ranking of the affiliated colleges by the Anna University based on the performance in the April/May 2015 exam results.

*The members appreciated the Management, Principal, Faculty members and staff of the college for their involvement and achievement in bringing up the college.*



#### **ITEM NO #4: To Appraise the Achievements as per the College Strategic Plan and Review**

Principal has presented to the members the achievements attained on the basis of Academic, Recognitions, Research and Development, Students and Social responsibilities as per the Strategic Plan 2012-2018. The following suggestions were made in the Strategic Plan by the members:

- In Strategy 1.1 – A Period of Review for starting new PG programmes can be done once in two years
- In Strategy 1.2 - Feedback from stakeholders and experts may be taken into consideration for increasing intake of the programmes.
- In Strategy 3.5 – MOU shall be made for the Institution
- The students may be encouraged to attend International Conferences / seminars abroad.
- Proposals for the funded projects should be scrutinized by a committee constituted by the Principal before submission to funding organization.

*After discussion, the Board of Management resolves to make the above changes in the Strategic Plan of the Institution.*

#### **ITEM NO #5: To Appraise and Get Feedback on the Program Outcomes (PO) & Program Specific Outcomes (PSO) of the Departments**

The new programme outcomes as specified by the NBA suitable for all the programmes are presented to the members and invited their feedback to follow the same.

The Programme Outcomes of UG in \_\_\_\_\_ Engineering are:

- PO1. Apply knowledge of mathematics, physical sciences and \_\_\_\_\_ Engineering fundamentals.
- PO2. Able to identify, formulate, analyze and solve \_\_\_\_\_ Engineering problems.
- PO3. Able to design and realize \_\_\_\_\_ systems to meet desired needs within practical constraints such as economical, environmental, social, political, ethical, health and safety, manufacturability and sustainability.
- PO4. Able to investigate and conduct experiments, as well as to analyze and interpret data.
- PO5. Use of techniques, skills, and modern engineering tools necessary for engineering practice
- PO6. Contextual knowledge to assess societal, health, safety, legal and cultural issues related to Engineering.
- PO7. Realize the impact of \_\_\_\_\_ engineering solutions in a global, economic and environmental context.
- PO8. Apply ethical principles and commitment to professional ethics and responsibility.
- PO9. Function as an individual and as a member or leader in multidisciplinary teams.
- PO10. Communicate effectively with the engineering community and society at large.
- PO11. Knowledge and understanding of management and business practices and their limitations.
- PO12. Recognize the need for, and have the ability to engage in life-long learning.

*After discussion, the Board of Management resolves to follow the new POs as proposed by NBA from the academic year 2016-17 onwards.*

### **Program Specific Outcomes (PSO)**

Principal has presented to the members the Program Specific Outcomes (PSO) of the UG programmes as ratified in the Academic Council meeting and invited their feedback.

#### B.E. Electronics and Communication Engineering

1. Design, simulate and analyze diverse problems in the field of telecommunication.
2. Able to design and analyze varied electronic circuits for applications.
3. Apply signal and image processing techniques to analyze a system for applications.
4. Construct, test and evaluate an embedded system and control systems with real time constraints

#### B.E. Computer Science and Engineering

1. Design, implement, test, and evaluate a computer system, component, or algorithm to meet desired needs and to solve a computational problem.
2. The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying complexity.
3. The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product.
4. Ability to use knowledge in various domains to identify research gaps and hence to provide solutions, new ideas, innovations.

#### B.E. Electrical and Electronics Engineering

1. Skilled to analyze, design and test various electrical and electronic circuits, control systems, instrumentation systems, computer systems, microprocessor and microcontroller based systems.
2. Exhibit knowledge and hands-on competence in the application of Electrical machines and Power Electronics based drives systems.
3. Design and investigate problems in power system network along with protection schemes and effective utilization of electrical energy.
4. Develop a project management tool for solving complex electrical / electronic problems by applying the knowledge of basic sciences, mathematics and engineering fundamentals.

#### B.E. Mechanical Engineering



1. Specify, fabricate and test the basic mechanical systems and processes.
2. Analyze, design and develop the advanced mechanical systems and processes.
3. Implement, test and maintain the mechanical systems or processes

#### B.E. Civil Engineering

1. Utilize the principles, hardware, and software that are appropriate to produce drawings, reports, quantity estimates, and other documents related to civil engineering.
2. Conduct standardized field and laboratory tests related to civil engineering.
3. Apply fundamental computational methods and analytical techniques in related to civil engineering.
4. Perform economic analyses and cost estimates related to design, construction, operations and maintenance of systems associated with civil engineering.

#### B.Tech- Biotechnology

1. Design and analyze a bioreactor system with application in chemical engineering process.
2. Understand the host-microbe interaction, immune regulatory mechanism and drug target by computational techniques.
3. Analyze and articulate various rDNA techniques to produce metabolites using substrates and end product development.
4. Solve biotechnology related problems while keeping in mind safety factor for environment and society.

*After discussion, the Board of Management resolves to follow the PSOs of the UG programmes as ratified by the Academic Council of the College.*

#### **ITEM NO #6: To Ratify Policies and Procedures of the College**

Principal moved a discussion with the presentation on various Policies and Procedures of the Institution viz., Recruitment Policy, Salary Policy, Leave Policy, Promotion Policy, Discipline and Grievance Policy, R&D and Teaching Assignments Policy, Incentives Policy, etc.

*After discussion, the Board of management resolved to ratify the Policies and Procedures of the Institution.*

#### **ITEM NO #7: Financial Power to Head of the Departments**

Principal initiated a discussion regarding the conferment of financial power to Head of the Departments.

After, discussion the members resolved to approve financial power up to Rs 10,000 (Ten Thousand) to the Head of the Departments.



### **ITEM NO #8: Any Other Matters**

The following suggestions were made by the members:

- Vision, Mission of the Institution and Departments shall be reviewed every year.
- Minor revision of syllabus can be done based on the feedbacks collected from the stakeholders every semester.
- Starting of any new programme can be considered after performing SWOT analysis with the benchmark Institutions.
- A new PG programme on Data Analytics shall be explored.
- In student feedback form, some more criterions can be added like Personality, attitude of the teacher etc.

The Principal thanked all the members and the meeting concluded at 1.30 pm.



**Principal and Member Secretary**

**Dr.B.G.VISHNURAM, M.E., Ph.D., FIE  
PRINCIPAL  
P.S.R.ENGINEERING COLLEGE  
SIVAKASI 626 140**