PAAVAI ENGINEERING COLLEGE

(Autonomous Institution)

(Approved by AICTE and Affiliated to Anna University)

(Accredited by National Board of Accreditation, New Delhi & NAAC (UGC) with 'A' Grade)

Paavai Nagar, NH - 7, PACHAL, NAMAKKAL - 637 018.Tamil Nadu

04286-243038, 58,88 & 98 Fax: 04286-243068 Email: pecprincipal@paavai.edu.in website: http://pec.paavai.edu.in

Minutes of Fourth Academic Council Meeting

Venue: Smart Hall

Date and Time: 06.06.2018, 10.30 AM

Members Present

S.No	Name	Designation	Position in the Committee	College / University / Industry	Signature
1.	Dr.M.PREMKUMAR	Principal	Chairman	Paavai Engineering College	
2.	Dr.R.VELRAJ	Professor	University Nominee	Department of Mechanical Engineering, CEG Campus, Anna University, Chennai	
3.	Dr.S.T.THAMARAI SELVI	Professor	University Nominee	Department of Computer Technology, MIT Camus Anna University, Chennai	
4.	Dr.M.ISAAC SOLOMON JEBAMANI	Principal	University Nominee	GCE, Tirunelveli	
5.	Dr..N.ALAGUMURTHI	Professor	Academic Expert	Department of Mechanical Engineering, Pondicherry Engineering College	6/6/18

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6.	Mr.R. SUNDARAM	Managing Director	Expert appointed by the Academic Council	Aerospace Engineering Ltd.,Salem	
7.	Dr.R. LATHA	Assistant Civil Surgeon		Govt. Primary Health Centre, Puthan-chanthai	
8.	Mr.I.K. PALANIVEL	Chief Accountant		Chief Accountant	
9.	Dr.K.K.RAMASAMY	Director Administration	Member	Paavai Engineering College	
10.	Dr.K.SELVI	Dean – Academics			
11.	Dr.S.SUKUMAR	Dean -Civil			
12.	Dr.B.MURALIBABU	Controller of Examinations			
13.	Dr.R.ARANGASAMY	Professor & HOD /ECE			
14.	Dr.G.BALAJI	Professor & HOD /EEE			
15.	Dr.A.SUPHALAKSHMI	Professor & HOD /CSE			
16.	Prof.B.PRABHU SHANKAR	Associate Professor/IT			
17.	Prof.A.P.SIVASUBRAMANIAM	Professor & HOD /Mech			
18.	Prof.J.UMA NAMBI	Associate Professor & HOD / Civil			
19.	Prof.D.R.P.RAJARATHNAM	Associate Professor & HOD / MCT			

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20.	Prof.D.RAJKUMAR	Associate Professor & HOD / Aero	Member	Paavai Engineering College	
21.	Prof.G. SRINIVASAN	Professor & HOD /Chem.			
22.	Dr.R. JAGANATHAN	Dean - Agri			
23.	Dr.G.RAJA	Professor & HOD / Chemistry			
24.	Dr.B.KISHOK KUMAR	Professor & HOD/ Maths			
25.	Dr.S.VADIVEL	Professor. & HOD/ Physics			
26.	Dr.R.SHANTHI	Professor & HOD/ English			
27.	Prof.P.MUTHUSAMY	Professor & HOD / MCA			
28.	Prof.S.SUSENDIRAN,	Assistant Professor & HOD / MBA			
29.	Dr.K.SUNDRAMOORTHY	PROFESSOR / MECH			

The Fourth Academic Council Meeting of Paavai Engineering College was held on 06.06.2018 at 11:00 a.m. in the Smart Hall to discuss the following agenda.

ITEM	CONTENT
1.	Welcome address
2.	Dean Academics Presentation on the academic matters a) Achievements b) Confirmation of Third Academic Council Meeting c) New Programmes and Reduction in intake/Closure of Programmes d) Approval of Faculty Recruitment e) Review of Autonomous Status f) Review of Results g) Amendments in UG and PG Regulations 2016
3.	Chairman of Board of Studies presentation on the respective BOS meetings.
4.	Suggestions by Academic Council Members
5.	Vote of Thanks

ITEM 01: WELCOME ADDRESS

Dr.M.Premkumar, Principal, welcomed all the members for the fourth Academic Council meeting. The Chairman of the Academic Council introduced the members.

ITEM 02: DEAN ACADEMICS PRESENTATION

Dr.K.Selvi, Dean Academics presented the details of the academic matters that happened during the academic year 2017-2018 and also the amendments in UG and PG Regulations 2016.

a) **Achievements**

- ❖ The achievements of the college for the academic year 2017-2018 such as NBA accreditation, awards and certifications received by the faculty members, students and Champion of Champions Trophy in Anna university sports and games
- ❖ The various funds received by the departments from PMKVY, AICTE, CSIR, ICMR, TNSCT and Institution of Engineers.
- ❖ The placement details such as the number of students placed in the various companies during the academic year.

b) **Confirmation of the minutes of Third Academic Council meeting**

- ❖ One credit courses shall be introduced pertaining to the programme to enhance the employability skills of the students.

  Action Taken: One credit courses introduced.
- ❖ A common curriculum structure shall be maintained by the institution along with the distribution of courses.

  Action Taken: Common Curriculum structure is implemented
- ❖ The projects shall be categorized as Mini Project / Design and Development project according to the programme of study, Phase I and Phase II project work shall be kept uniform across the departments.

  Action Taken: Project Categorization is implemented
- ❖ The feedback about the courses and its contents shall be obtained from the students Mduring the class committee meeting.

  Action Taken: Feedback was recorded
- ❖ The results of the End Semester Examinations were reviewed, discussed and suggested the ways and methods of improvement.

  Action Taken: Cycle tests are conducted
  Mentor System is introduced
  Faculty Development Department trains the Faculty in terms of Knowledge upliftment and Pedagogy which in turn students get benefited

The Academic Council approved the same.

c) **New Programmes and Reduction in intake/Closure of Programmes**

❖ The details of newly introduced B.E. / B.Tech. Programmes, reduction in the sanctioned intake of the existing B.E. / B.Tech. Programmes and closure of M.E. Programmes were presented for approval.

S. No.	Name of the Programme	Sanctioned Intake
New Course		
1	B.E. - Biomedical Engineering	60
2	B.E. - Medical Electronics	60
3	B.E.- Pharmaceutical Engineering	60
4	B.Tech. - Food Technology	60
Reduction in Sanctioned Intake		
1	B.E.- Electronics and Communication Engineering	240 – 120
2	B.E. - Mechanical Engineering	240 – 120
3	B.E. - Civil Engineering	120 – 60
Closure		
1	M.E. - Applied Electronics	18
2	M.E. - Power Electronics and Drives	18
3	M.E. - VLSI Design	24

The Academic Council approved the same.

d) **Approval of Faculty Recruitment**

❖ The details of the faculty members recruited to the departments for the forth-coming academic year was presented for approval.

The Academic Council approved the same.

e) **Review of Autonomous Status**

READMISSION

Minutes of 4th Standing Committee Meeting

DOTE: MEMO NO 11234 / ECA1 / 2017, DATED: 19-7-17
Anna University: Letter No.ODD/RA/SA2-2/2017-2018 DATED: 28-12-2017

S. No.	Name of the Student & Register No.	Semester /Year of Break of Study	Semester /Year of Readmission sought	Addition/ Exemption of Subjects
B.E. Aeronautical Engineering				
1	D. Dinesh (15101009)	3rd Semester 2016 - 2017	3rd Semester 2017 - 2018	**NIL**
B.E. Mechatronics Engineering				
2	M. Antony Larence (15108001)	3rd Semester 2016 - 2017	3rd Semester 2017 - 2018	**NIL**
3	M. Nitheesh (15108027)	3rd Semester 2016 - 2017	3rd Semester 2017 - 2018	**NIL**
4	V. Vijay (15108040)	3rd Semester 2016 - 2017	3rd Semester 2017 - 2018	**NIL**
5	K. Vishnu (15108043)	3rd Semester 2016 - 2017	3rd Semester 2017 - 2018	**NIL**
B.Tech. Chemical Engineering				
6	Godson Pathrose (15201019)	3rd Semester 2016 - 2017	3rd Semester 2017 - 2018	**NIL**

Minutes of 5th Standing Committee Meeting

Dote Chennai: MEMO NO 40100 / ECA1 / 2018, DATED: 5 FEB 2018

Anna University: Letter No.EVEN/UG-RA/SA2-2/2017-2018 DATED: 2-3-18

S. No.	Name of the Student & Register No.	Semester/ Year of break of Study	Semester / Year of Readmission sought	Addition/ Exemption of Subjects
B.E. Aeronautical Engineering				
1	G .Deli Babu (15101008)	4th Semester 2016 - 2017	4th Semester 2017 – 2018	NIL
B.E. Electrical and Electronics Engineering				
2	R. Gokul Raj (15106019)	4th Semester 2016 - 2017	4th Semester 2017 – 2018	NIL
B.E. Electronics and Communication Engineering				
3	S. Arunachalam (16105015)	2nd Semester 2016-2017	2nd Semester 2017-2018	NIL
B.Tech. Information Technology				
4	J. Edinbiro (16202011)	2nd Semester 2016-2017	2nd Semester 2017-2018	NIL

f) Review of Results

- The results of the End Semester Examinations of April / May 2017 and Nov. Dec. 2017 and the graduation details that happened during April / May 2017 under autonomous scheme were presented for approval.

The Academic Council approved the same.

g) **Amendments in UG and PG Regulations 2016**

- The amendments in the Regulations 2016 of the Undergraduate and Post Graduate Programmes were presented for approval. **(Refer Annexure – I).**

  The Academic Council approved the same.

ITEM 03: BOARD OF STUDIES CHAIRMAN's PRESENTATION

Chairman of various Board of Studies presented their curriculum and syllabi of their respective departments for the council approval

- The curriculum and syllabi of the 7th and 8th semester B.E. / B.Tech. Programmes under Regulations 2015.
- The curriculum and syllabi of the 5th and 6th semester B.E. / B.Tech. Programmes under Regulations 2016.
- Curriculum and Syllabus for the new courses of 1st and 2nd semesters under Regulations 2016(CBCS) for the students to be admitted during the academic year 2018- 2019
- List of one credit courses offered by the respective departments.

(Refer Annexure – II)

The Academic Council resolved to approve the same

ITEM 04: SUGGESTIONS BY ACADEMIC COUNCIL MEMBERS

Funding details for 3 consecutive years may be mentioned.

Post Graduate programmes shall be sustained

ITEM 05: VOTE OF THANKS

Dr.A.Suphalakshmi, Head of the Department, Computer Science and Engineering thanked all the members of the Academic council for their valuable suggestions and constructive contribution.

PRINCIPAL
KAVAI ENGINEERING COLLEGE
NH-7, PACHAL Post, Namakkal Dt.

ANNEXURE -I
REGULATIONS 2016

UNDER GRADUATE PROGRAMMES

Amendments approved in the 4th Academic Council Meeting held on 06.06.2018

EXISTING

3.0 A candidate may be offered one of the programme(s) in any one of the branches of study in the college approved by AICTE and affiliated to Anna University, Chennai. A student of a programme should earn the total minimum credits specified to enable him to be eligible to be awarded the degree. Normally it is recommended that the total minimum credits for the B.E./B.Tech. Programmes shall be fixed between 180-185 credits for regular students and between 130 -140 credits for the lateral entry students.

S.No.	Degree	Branch of Study
1	B.E.	Aeronautical Engineering
2	B.E.	Agriculture Engineering
3	B.E.	Civil Engineering
4	B.E.	Computer Science and Engineering
5	B.E.	Electronics and Communication Engineering
6	B.E.	Electrical and Electronics Engineering

REVISED

3.0 A candidate may be offered one of the programme(s) in any of the branches of study in the college approved by AICTE affiliated to Anna University, Chennai. A student of programme should earn the total minimum credits specified enable him to be eligible to be awarded the degree. Normally is recommended that the total minimum credits for B.E./B.Tech. Programmes shall be fixed between 180-1 credits for regular students and between 130 -140 credits for lateral entry students

S.No.	Degree	Branch of Study
1	B.E.	Aeronautical Engineering
2	B.E.	Agriculture Engineering
3	B.E.	Civil Engineering
4	B.E.	Computer Science and Engineering
5	B.E.	Electronics and Communication Engineering
6	B.E.	Electrical and Electronics Engineering

	7	B.E.	Mechanical Engineering		7	B.E.	Mechanical Engineering
	8	B.E.	Mechatronics		8	B.E.	Mechatronics
	9	B.Tech.	Chemical Engineering		9	B.Tech.	Chemical Engineering
	10	B.Tech.	Information Technology		10	B.Tech.	Information Technology
					11	**B.E.**	**Bio Medical Engineering**
					12	**B.E.**	**Medical Electronics**
					13	**B.E.**	**Pharmaceutical Engineering**
					14	**B.Tech**	**Food Technology**
4.1	A student is expected to complete the B.E. / B.Tech. Programme in 8 semesters (four academic years). However the student has to complete the programme within 14 Semesters for HSC (or equivalent) candidates and within 12 semesters for Lateral Entry Candidates as per the university guidelines.			4.1	A student is expected to complete the B.E. / B.Tech. Programme in 8 semesters (four academic years) but in any case not more than 14 Semesters **(seven academic years)** for HSC (or equivalent) candidates and not more than 12 semesters **(six academic years)** for Lateral Entry Candidates as per the university guidelines.		
-	-			**5.1.8**	One credit courses are optional. The courses may be handled either by industry/other academic institute/parent institute. Students can opt maximum of six one credit courses during his/her period of study, in which, he/she can be exempted from one open elective course or programme elective course for three one credit courses related to the respective discipline/ specialization. The additional one credit courses opted by the		

			students will be mentioned as additional credits earned in grade sheet and will not be computed for CGPA.
-	-	**5.1.9**	Syllabus equivalence between three one credit courses and op elective for the exemption of open elective, is not needed
-	-	**5.1.10**	Student's strength for one credit course should be minimum 10 students.
-	-	**5.1.11**	The evaluation process for theory based one credit cour should be of 40 % internal assessment and 60 % exter assessment and for practical oriented one credit courses, it sh be of 50 % internal assessment and 50 % external assessme The question papers for the one credit courses have to provided by the expert concerned who handled the practic theory course to the COE office. The duration of examinat for one credit courses may be of 1 ½ hours.
-	-	**5.1.12**	Core courses cannot be replaced/ exempted by any On-l courses like NPTEL etc.
5.2 5.2.1	**Non Credit Courses** Every student shall be made to involve in any of the three non credit courses available and provided to the students such as co-curricular, extra-curricular and club activities(as per the Table 1). The participation and involvement (provided with certificate) in the listed non-credit courses from approved institutions/organizations/industries shall be considered in the progress norms and will not be indicated by grades and will	5.2 5.2.1	**Non Credit Courses** Every student shall be made to involve in any of the three n credit courses available and provided to the students such as curricular, extra-curricular and club activities (as per the Ta 1).The participation and involvement (provided with certifica in the listed non-credit courses from appro institutions/organizations/industries shall be considered in progress norms and will not be indicated by grades and will

not be counted for the computation of SGPA/ CGPA.

Table 1

Code	Details of Courses
NC101	Technical Symposium
NC102	National / International Conference
NC103	Technical Workshop/ Seminar
NC104	Skill Development Courses
NC105	Industry Inplant Training / Internship *(minimum 4 weeks during the entire duration of the course)*
NC106	Other Indian Languages
NC107	Research Publications
NC108	Foreign Languages
NC109	Business English Certification
NC110	Soft Skills Certification
NC111	Aptitude Proficiency Certification
NC112	Globally accepted online Certification Courses
NC113	Valid score in GATE/CAT/TOEFL/IELTS/GRE
NC201	NSS / YRC / Socially Responsible Activities
NC202	Cultural Activities
NC203	Yoga
NC204	Sports & Games
NC205	Human Rights and Human Values

5.4 Each semester curriculum shall normally have a blend of

be counted for the computation of SGPA/ CGPA.

Table 1

Code	Details of Courses
NC101	Technical Symposium
NC102	National / International Conference
NC103	Technical Workshop/ Seminar
NC104	Skill Development Courses
NC105	Industry Inplant Training / Internship *(minimum 4 weeks during the entire duration of the course)*
NC106	Other Indian Languages
NC107	Research Publications
NC108	Business English Certification
NC109	Soft Skills Certification
NC110	Aptitude Proficiency Certification
NC111	Globally accepted online Certification Courses
NC112	Valid score in GATE/CAT/TOEFL/IELTS/GRE
NC201	NSS / YRC / Socially Responsible Activities
NC202	Cultural Activities
NC203	Yoga
NC204	Sports & Games
NC205	Human Rights and Human Values

5.4 Each semester curriculum shall normally have a blend of **theory**

	lecture courses not exceeding **5 or 6** and practical courses not exceeding **2 or 3**. However, the total number of courses per semester shall not exceed **8 or 9**		Courses not exceeding **5 to 7** and practical courses exceeding **2 to 4**. However, the total number of courses semester shall not exceed **8 to 11**
12.5.5	**MALPRACTICE** If a student indulges in malpractice in any of the End Semester/Internal Examinations, he / she shall be liable for punitive action as prescribed by **the college/university** from time to time.	12.5.5	**MALPRACTICE** If a student indulges in malpractice in any of the End Semeste Internal Examinations, he / she shall be liable for punitive act as prescribed by **the university** from time to time.
23.0	**AUDITS ON THE EXAMINTION SYSTEM** An audit on the examination system such as verification of the standard of question papers prepared by the examiners, valuation of answer scripts and methods adopted in awarding marks will be conducted by the team of expert members, appointed by the Head of the Institution, after the completion of all the End Semester Examinations.	**23.0**	**AUDITS ON THE EXAMINTION SYSTEM** An audit on the examination system such as verification of standard of question papers prepared by the examiners, valuat of answer scripts and methods adopted in awarding marks v be conducted by the team of expert members fr IIT/NIT/Government Engineering Colleges and repu autonomous engineering colleges, appointed by the Head of Institution, after the completion of all the End Semes Examinations.

PRINCIPAL,
PAAVAI ENGINEERING COLLEGE
NH-7, PACHAL Post, Namakkal Dt

REGULATIONS 2016

POST GRADUATE PROGRAMMES

Amendments approved in the 4th Academic Council Meeting held on 06.06.2018

EXISTING

3.0 PROGRAMMES OFFERED

A candidate may be offered one of the programme(s) in any one of the branches of study in the college, approved by AICTE and affiliated to Anna University, Chennai. A student of a programme should earn the total minimum credits specified to enable him to be eligible to be awarded the degree. Normally it is recommended that the total minimum credits shall be 75 credits for the M.E.M/.Tech. Programmes, 91 credits for M.B.A. Programme and 122 credits for M.C.A Programme for regular students and 79 credits for the lateral entry students.

S.No.	Degree	Branch of Study
1	M.E.	Applied Electronics
2	M.E.	Computer Science and Engineering
3	M.E.	Communication Systems
4	M.E.	Engineering Design
5	M.E.	Power Electronics and Drives
6	M.E.	Power Systems Engineering

REVISED

3.0 PROGRAMMES OFFERED

A candidate may be offered one of the programme(s) in any o of the branches of study in the college, approved by AICTE a affiliated to Anna University, Chennai. A student of programme should earn the total minimum credits specified enable him to be eligible to be awarded the degree. Normall is recommended that the total minimum credits shall be credits for the M.E.M/.Tech. Programmes, 91 credits M.B.A. Programme and 122 credits for M.C.A Programme regular students and 79 credits for the lateral entry students.

S.No.	Degree	Branch of Study
1	M.E.	Computer Science and Engineering
2	M.E.	Communication Systems
3	M.E.	Engineering Design
4	M.E.	Power Systems Engineering
5	M.E.	Structural Engineering
6	M.B.A	Master of Business Administration
7	M.C.A.	Master of Computer Applications

	7	M.E.	Structural Engineering	
	8	M.E.	VLSI Design	
	9	M.B.A	Master of Business Administration	
	10	M.C.A.	Master of Computer Applications	
12.9	**MALPRACTICE** If a student indulges in malpractice in any of the End Semester/Internal Examinations, he / she shall be liable for punitive action as prescribed by **the college/university** from time to time.		12.9	**MALPRACTICE** If a student indulges in malpractice in any of the End Semester / Internal Examinations, he / she shall be liable for punitive action as prescribed by **the university** from time to time.
23.0	**AUDITS ON THE EXAMINTION SYSTEM** An audit on the examination system such as verification of the standard of question papers prepared by the examiners, valuation of answer scripts and methods adopted in awarding marks will be conducted by the team of expert members, appointed by the Head of the Institution, after the completion of all the End Semester Examinations.		23.0	**AUDITS ON THE EXAMINTION SYSTEM** An audit on the examination system such as verification of the standard of question papers prepared by the examiners, valuation of answer scripts and methods adopted in awarding marks will be conducted by the team of expert members from IIT/NIT/Government Engineering Colleges and reputed autonomous engineering colleges, appointed by the Head of the Institution, after the completion of all the End Semester Examinations.

PRINCIPAL,
PAAVAI ENGINEERING COLLEGE,
NH-7, PACHAL Post, Namakkal Dt.

ANNEXURE –II

ONE CREDIT COURSES

DEPARTMENT OF AERONAUTICAL ENGINEERING

S. No.	Course Title	L	T	P	C
1.	Computer Aided Design using CATIA	0	0	2	1
2.	Computer Aided Design using CREO	0	0	2	1
3.	Computer Aided Design using Unigraphics	0	0	2	1
4.	Computer Aided Design using AUTOCAD	0	0	2	1
5.	Computer Aided Design using Solidworks	0	0	2	1
6.	Computer Aided Analysis using Ansys	0	0	2	1
7.	Computer Aided Analysis using Hypermesh	0	0	2	1
8.	Computer Aided Analysis using Nastran-Patran	0	0	2	1
9.	Computer Aided Analysis using MATLAB	0	0	2	1
10.	Computer Aided Analysis using Fluent	0	0	2	1
11.	Non Destructive Testing	0	0	2	1
12.	NPTEL Certification	0	0	2	1
13.	UAV and MAV Certification	0	0	2	1

DEPARTMENT OF CIVIL ENGINEERING

S. No	Course Title	L	T	P	C
1	Building Planning and Vaasthu	0	0	2	1
2	Advanced Surveying using Total Station	0	0	2	1
3	Building Valuation	0	0	2	1
4	Structural Analysis and Design using Staad Pro	0	0	2	1
5	Building Analysis and Design using E-Tabs	0	0	2	1

6	Building Information Modelling using Revit Architecture	0	0	2	1
7	Project Management using Primavera	0	0	2	1
8	Tekla Structures	0	0	2	1
9	Finite element and structural analysis using NISA	0	0	2	1

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S.No.	Course Title	L	T	P	C
1.	Amcat (Online Placement Aptitude Certification)	0	0	2	1
2.	e-litmus(Online Placement Aptitude Certification)	0	0	2	1
3.	Nasscom nac-tech(Online Placement Aptitude Certification)	0	0	2	1
4.	I-pat (Online Placement Aptitude Certification)	0	0	2	1
5.	NPTEL / Swayam (Online courses)	0	0	2	1
6.	Spoken Tutorial -Advanced C++	0	0	2	1
7.	Spoken Tutorial- Java Business Application	0	0	2	1
8.	Spoken Tutorial -Linux&Ubuntu	0	0	2	1
9.	Spoken Tutorial -BOSS Linux	0	0	2	1
10.	Spoken Tutorial -PHP & MySQL	0	0	2	1
11.	Oracle – SQL fundamentals	0	0	2	1
12.	Oracle – Java Fundamentals	0	0	2	1
13.	CCNA – Certification	0	0	2	1
14.	SCJP / OCPJP – Sun Certified Java Programmer / Oracle Certified Professional Java Programmer	0	0	2	1
15.	Android application Development	0	0	2	1
16.	PC Hardware and Trouble shooting	0	0	2	1

4	Power Distribution in Buildings	0	0	2	1
5	Selection & Application of Drives	0	0	2	1
6	Industrial Protection With Numerical Relays	0	0	2	1
7	Creating a Printed Circuit Board	0	0	2	1
8	SCADA (supervisory control and data acquisition)	0	0	2	1
9	Design of Control Circuits	0	0	2	1

DEPARTMENT OF MECHANICAL ENGINEERING

S. No.	Course Title	L	T	P	C
1	Non-Destructive Testing	0	0	2	1
2	CATIA	0	0	2	1
3	CNC Milling	0	0	2	1
4	Solid Works	0	0	2	1
5	Industrial Robotics	0	0	2	1
6	Industrial Automation	0	0	2	1
7	ANSYS FLUENT	0	0	2	1
8	Computer Aided Reverse Engineering	0	0	2	1

DEPARTMENT OF MECHATRONICS ENGINEERING

S.No.	Course Title	L	T	P	C
1	Maintenance and troubleshooting of hydraulic system	1	-	-	1
2	SCADA certification	-	-	2	1
3	CAD Software Certification	-	-	2	1
4	PLC programming Certification	-	-	2	1

S.No.	Course Title	L	T	P	C
1	Embedded Programming Using ARDUINO	0	0	2	1
2	PC Hardware Assembling and Troubleshooting	0	0	2	1
3	CISCO Certified Network Associate	0	0	2	1
4	Basic Electronic Circuit Design Using Multisim	0	0	2	1
5	MATLAB Programming	0	0	2	1
6	Software Defined Radio	1	0	0	1

S.No.	One Credit Course	Subject	Semester
1	Embedded Programming Using ARDUINO	EC 16652 Embedded Processors and Networks	Semester Eight
2	PC Hardware Assembling and Troubleshooting		
3	CISCO Certified Network Associate		
4	Basic Electronic Circuit Design Using Multisim	EC 16653 – RF Microelectronics	Semester Eight
5	MATLAB Programming		
6	Software Defined Radio		

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S. No.	Course Title	L	T	P	C
1	Best Maintenance Practices In LV Switchgear	0	0	2	1
2	Breaker Maintenance Workshop -C-Power ACB	0	0	2	1
3	Electrical Design of Switchgear Assembly	0	0	2	1

5	Control of Motors Using Special Drives	-	-	2	1
6	Robot Programming Certification	-	-	2	1
7	Control Panel and Wiring	-	-	2	1

S.No.	One Credit Course	Subject	Semester
1	PLC programming Certification	Flexible Manufacturing System	Semester Eight
2	SCADA certification		
3	Control Panel and Wiring		
4	Control of Motors Using Special Drives	Embedded System Design	Semester Eight
5	Robot Programming Certification		
6	Maintenance and troubleshooting of hydraulic system		
7	CAD Software Certification	Concepts of Engineering Design	Semester Eight
8	Control Panel and Wiring		
9	Maintenance and troubleshooting of hydraulic system		

DEPARTMENT OF CHEMICAL ENGINEERING

LIST OF ONE CREDIT COURSES

S.No.	Course Title	L	T	P	C
1	Introduction to Fuel Cell Technology	1	0	0	1
2	Insight to Hydrogen as Fuel	1	0	0	1
3	Introduction to Petrochemicals	1	0	0	1
4	Corrosion Engineering	1	0	0	1
5	Nanomaterials for Energy and Environmental	1	0	0	1
6	Outline to Biomaterials	1	0	0	1

7	Analysis for Characterization of Nanomaterials	1	0	0	1
8	Pinch technology	1	0	0	1
9	Physical Chemistry Of Polymers	1	0	0	1
10	Polymeric Materials	1	0	0	1
11	Fabrication Of Polymer Materials	1	0	0	1
12	Experiments on Water Analysis	0	0	2	1

DEPARTMENT OF INFORMATION TECHNOLOGY

S.No.	Course Title	L	T	P	C
1.	Amcat (Online Placement Aptitude Certification)	0	0	2	1
2.	e-litmus(Online Placement Aptitude Certification)	0	0	2	1
3.	Nasscom nac-tech (Online Placement Aptitude Certification)	0	0	2	1
4.	I-pat (Online Placement Aptitude Certification)	0	0	2	1
5.	NPTEL / Swayam (Online courses)	0	0	2	1
6.	Spoken Tutorial -Advanced C++	0	0	2	1
7.	Spoken Tutorial- Java Business Application	0	0	2	1
8.	Spoken Tutorial -Linux&Ubuntu	0	0	2	1
9.	Spoken Tutorial -BOSS Linux	0	0	2	1
10.	Spoken Tutorial -PHP & MySQL	0	0	2	1
11.	Oracle – SQL fundamentals	0	0	2	1
12.	Oracle – Java Fundamentals	0	0	2	1
13.	CCNA – Certification	0	0	2	1
14.	SCJP / OCPJP – Sun Certified Java Programmer / Oracle Certified Professional Java Programmer	0	0	2	1
15.	Android application Development	0	0	2	1
16.	PC Hardware and Trouble shooting	0	0	2	1
17.	Linux System Administration	0	0	2	1

DEPARTMENT OF ENGLISH

S.No.	Course Title	L	T	P	C
1.	BEC Vantage	0	0	2	1
2.	BEC Higher	0	0	2	1

CENTRE FOR FOREIGN LANGUAGES

S.No.	Course Title	L	T	P	C
1.	German	0	0	2	1
2.	Japanese	0	0	2	1
3.	French	0	0	2	1
4.	Korean	0	0	2	1
5.	Mandarin	0	0	2	1

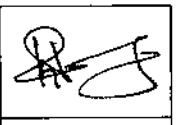
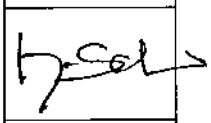
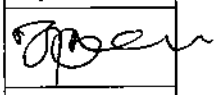
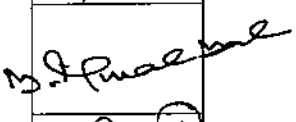
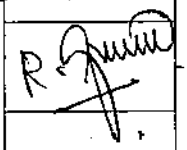
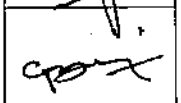
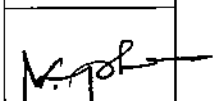
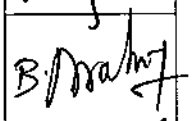
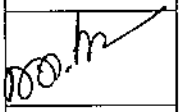
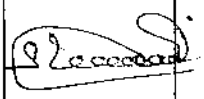
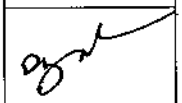
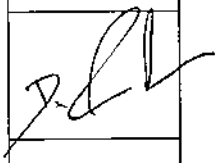
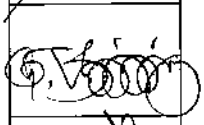
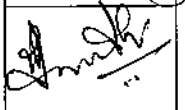
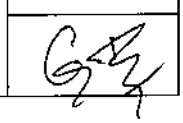
DEPARTMENT OF MBA

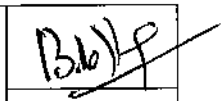
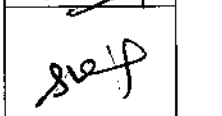
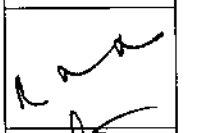
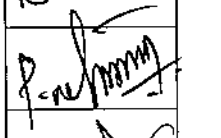
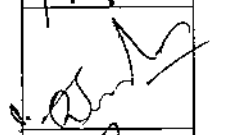
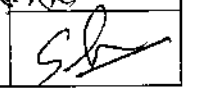
S.No.	NAME OF THE COURSE	L	T	P	C
1	Personality Development	1	0	0	1
2	Executive Communication	1	0	0	1
3	TallyACE Release 6.4.3	0	0	2	1

PRINCIPAL,
PAAVAI ENGINEERING COLLEGE
NH-7, PACHAL Post, Namakkal Dt

Members Present

S.No	Name	Designation	Position in the Committee	College / University / Industry	Signature
1.	Dr.M.PREMKUMAR	Principal	Chairman	Paavai Engineering College	
2.	Dr.R.VELRAJ	Professor	University Nominee	Department of Mechanical Engineering, CEG Campus, Anna University, Chennai	
3.	Dr.S.T.THAMARAI SELVI	Professor	University Nominee	Department of Computer Technology, MIT Camus Anna University, Chennai	
4.	Dr.M.ISAAC SOLOMON JEBAMANI	Principal	University Nominee	GCE, Tirunelveli	
5.	Dr..N.ALAGUMURTHI	Professor	Academic Expert	Department of Mechanical Engineering, Pondicherry Engineering College	6/6/11
6.	Mr.R. SUNDARAM	Managing Director	Expert appointed by the Academic Council	Aerospace Engineering Ltd.,Salem	
7.	Dr.R. LATHA	Assistant Civil Surgeon		Govt. Primary Health Centre, Puthan-chanthai	
8.	Mr.I.K. PALANIVEL	Chief Accountant		Chief Accountant	

9.	Dr.K.K.RAMASAMY	Director Administration	Member	Paavai Engineering College	
10.	Dr.K.SELVI	Dean – Academics			
11.	Dr.S.SUKUMAR	Dean -Civil			
12.	Dr.B.MURALIBABU	Controller of Examinations			
13.	Dr.R.ARANGASAMY	Professor & HOD /ECE			
14.	Dr.G.BALAJI	Professor & HOD /EEE			
15.	Dr.A.SUPHALAKSHMI	Professor & HOD /CSE			
16.	Prof.B.PRABHU SHANKAR	Associate Professor/IT			
17.	Prof.A.P.SIVASUBRA MANIAM	Professor & HOD /Mech			
18.	Prof.J.UMA NAMBI	Associate Professor & HOD / Civil			
19.	Prof.D.R.P.RAJARATHNA M	Associate Professor & HOD / MCT			
20.	Prof.D.RAJKUMAR	Associate Professor & HOD / Aero			
21.	Prof.G. SRINIVASAN	Professor & HOD /Chem.			
22.	Dr.R. JAGANATHAN	Dean - Agri			
23.	Dr.G.RAJA	Professor & HOD / Chemistry			

24.	Dr.B.KISHOK KUMAR	Professor & HOD/ Maths	Member	Paavai Engineering College	
25.	Dr.S.VADIVEL	Professor. & HOD/ Physics			
26.	Dr.R.SHANTHI	Professor & HOD/ English			
27.	Prof.P.MUTHUSAMY	Professor & HOD / MCA			
28.	Prof.S.SUSENDIRAN,	Assistant Professor & HOD / MBA			
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