



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

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Academic Year
2019-2020



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Minutes of Academic Council Meeting 2019-2020



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Minutes of Board of Studies (2019-2020)



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**Board of BE –
Civil Engineering &
Board of ME –
Environmental
Engineering**



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Department of Civil Engineering

Board of Studies (BoS) Members

Meeting 4 (online)

SLNo.	Name	Category
1	Dr.R.SIVAKUMAR Professor Department of Civil Engineering E.G.S.Pillay Engineering College Nagapattinam - 611 002 E-mail: hodcivil@egspec.org Mobile: 9443533554	Chairman
2	Dr.MIBRAHIM BATHUSHA Professor Department of Civil Engineering P.S.G.College of technology Coimbatore E-mail: mib@civ.psgtech.ac.in Mobile: 7339016337	University Nominee
3	Dr.V.ARUTCHELVAN Professor & Head Department of civil engineering Annamalai university Chidambaram - 608 002 E-mail: arulau@gmail.com Mobile: 9994773966	External Expert Members
4	Dr.K.MUTHUKKUMARAN Professor Department of civil engineering NITT, Trichy. E-mail: kmk@nitt.edu Mobile: 9443651836	
5	Mr.J.RAGHURAMAN Sr.Manager – Skills Training L&T Construction Skill Training Chennai Residence : Flat no 1D, Udaya Nagar Main Road Porur, Chennai- 600 116 E-mail: jraturaman@intec.com Mobile: 9943247482	Industry / Corporate Sector
6	Ms.V.MONISHA E.G.S Pillay polytechnic college Nagapattinam	Alumnus



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7	Mrs.P.MALLIGA Associate Professor E-mail: malraj.aa@gmail.com Mobile:9443811782	Internal Members
8	Ms.R.NEELAVENI Assistant Professor E-mail: neelavenibsvi@gmail.com Mobile: 9047758788	
9	Mr.V.BALASUBRAMANI Associate Professor E-mail: tvrvedha@gmail.com Mobile: 9443786514	
10	Mr.S.SHYAM SUNDAR Assistant Professor E-mail: shyamegspec@gmail.com Mobile: 9159593377	
11	Mr.G.PRAKASH Assistant Professor E-mail: pra.kv180@gmail.com Mobile: 9003950402	
12	Ms.N.KARTHIKA Assistant Professor E-mail: nkarthika20@gmail.com Mobile: 8883628018	



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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Civil Engineering
Name of the Programmes	B.E Civil Engineering
Meeting No.	04
Date & Time	19.06.2020 & 11.00 A.M.
Venue	Online Mode - Google Meets Room

1. Chairman / BoS welcomed all members for the 4th meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS review the contents of 3rd BOS meeting.
4. Chairman / BoS briefed the members about the Agenda.

- To finalize the curriculum and syllabi of 3rd & 4th Semester in B.E - Civil Engineering and 1st & 2nd Semester in M. E - Environmental Engineering.
- Other matters.

5. The following are the suggestions given by the members of Board of Studies in curriculum.

- Group of electives should be maintained in specific domains and dispersed with equal weights.
- Water supply Engineering and waste water engineering may be provided as two core subjects.
- Based on the course outcomes divisions of units/modules to be provided.
- Give priority for providing the course coordinator for the course Biology for Engineers.

CHAIRMAN
Board of Studies
Department of Civil Engineering
EGS Pillay Engineering College
(Autonomous)
Nagapattinam.

CHAIRMAN
Chairman (Board) of Studies
Department of Civil Engineering
EGS Pillay Engineering College
(Autonomous)
Nagapattinam.

Industry Expert

University Nominee

Alumni

Subject Expert

Regular Faculty

Senior Faculty

Senior Faculty

Senior Faculty



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B.E Civil Engineering

III - Semester:

1. Engineering Survey— Course title as **Engineering surveying**.
First two units may be merged as one unit and introduced a new unit with theodolite surveying.
2. Fluid mechanics and machines --- Course title as **Fluid mechanics and machineries**.
3. Fluid mechanics and machines lab --- Course title as **Hydraulics and hydraulics machineries lab**.
4. It is good the subject "Biology for Engineers" in the curriculum.

IV - Semester:

1. Building materials and management—As per the content framed the course title as **Building materials and construction**.
2. Soil mechanics—In the first unit instead of introduction, module title as **soil and its characterization**.
3. Transportation engineering—One additional module should be included as **Railways and airport** without reducing any other content.
4. Engineering mathematics—The specified title should be as **Engineering mathematics III**.


Chairman - BOS, Civil
(Dr. R. Sankumar)
CHAIRMAN
Board of Studies
Department of Civil Engineering
E.G.S. Pillay Engineering College
(Autonomous)
Nagapattinam.


Chairman (BOS) - Civil
CHAIRMAN
Board of Studies
Department of Civil Engineering
E.G.S. Pillay Engineering College
(Autonomous)
Nagapattinam.

Subject Expert


Senior Faculty
14.6.20

University Nominee


Alumni


Senior Faculty

Subject Expert


Senior Faculty


Senior Faculty



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	<p>E.G.S. PILLAY ENGINEERING COLLEGE (An Autonomous Institution, Affiliated to Anna University, Chennai) Nagore Post, Nagapattinam – 611 002, Tamilnadu.</p> <p>Department of Civil</p>
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Board of Studies Meeting

Attendance

Name of the Department : Civil Engineering
Meeting No : 04
Date & Time : 19/06/2020 & 11 A.M
Venue : Online Mode - Google Meets Room

SLNo.	Name	Category	Signature
1	Dr.R.SIVAKUMAR Professor Department of Civil Engineering E.G.S.Pillay Engineering College Nagapattinam – 611 002 E-mail: hodcivil@egspec.org Mobile: 9443533554	Chairman	 Dr. R. Sivakumar Board of Studies Department of Civil Engineering E.G.S. Pillay Engineering College (Autonomous) Nagapattinam
2	Dr.M.IBRAHIM BATHUSHA Professor Department of Civil Engineering P.S.G.College of technology Coimbatore E-mail: mib@cv.psgtech.ac.in Mobile: 7339016337	University Nominee	
3	Dr.V.ARUTCHELVAN Professor & Head Department of civil engineering Annamalai university Chidambaram – 608 002 E-mail: arul.v@gnail.com Mobile: 9994773966	External Expert Members	



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Sl.No.	Name	Category	Signature
4	Dr.K.MUTHUKKUMARAN Professor Department of civil engineering NITT, Trichy. E-mail: kmk@nitt.edu Mobile: 9443651836	External Expert Members	
5	Mr.JRAGHURAMAN Sr.Manager – Skills Training L&T Construction Skill Training, Chennai E-mail: jraturaman@intecc.com Mobile: 9943247482	Industry / Corporate Sector	
6	Ms.V.MONISHA E.G.S Pillay polytechnic college Nagapattinam.	Alumnus	
7	Mrs.P.MALLIGA Associate Professor E-mail: malraj.us@gmail.com Mobile:9443811782	Internal Members	
8	Ms.R.NEELAVENI Assistant Professor E-mail: neelavenibavi@gmail.com Mobile: 9047758788		
9	Mr.V.BALASUBRAMANI Associate Professor E-mail: tvrvedha@gmail.com Mobile: 9443786514		
10	Mr.S.SHYAM SUNDAR Assistant Professor E-mail: shyamegpec@gmail.com Mobile: 9159593377		
11	Mr.G.PRAKASH Assistant Professor E-mail: pra.kv180@gmail.com Mobile: 9003950402		
12	Ms.N.KARTHIKA Assistant Professor E-mail: nkarthika20@gmail.com Mobile: 8883628018		


14.6.20
Chairman – BdS (CIVIL)
CHAIRMAN
Board of Studies
Department of Civil Engineering
EGS Pillay Engineering College
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S. No.	Course Code	Course Name	Credits
1	CE101	Engineering Mathematics - I	3
2	CE102	Engineering Mathematics - II	3
3	CE103	Engineering Graphics	3
4	CE104	Engineering Mechanics	3
5	CE105	Engineering Physics - I	3
6	CE106	Engineering Physics - II	3
7	CE107	Engineering Chemistry - I	3
8	CE108	Engineering Chemistry - II	3
9	CE109	Engineering Computer Graphics	3
10	CE110	Engineering Computer Aided Design	3
11	CE111	Engineering Computer Networks	3
12	CE112	Engineering Computer Systems	3
13	CE113	Engineering Computer Applications	3
14	CE114	Engineering Computer Systems	3
15	CE115	Engineering Computer Applications	3

(11)

Adhwanatham Civil (You)

muthukannurari kasinatham

Adhwanatham T

siva kumar

Others in the meeting (7)

Adhwanatham T

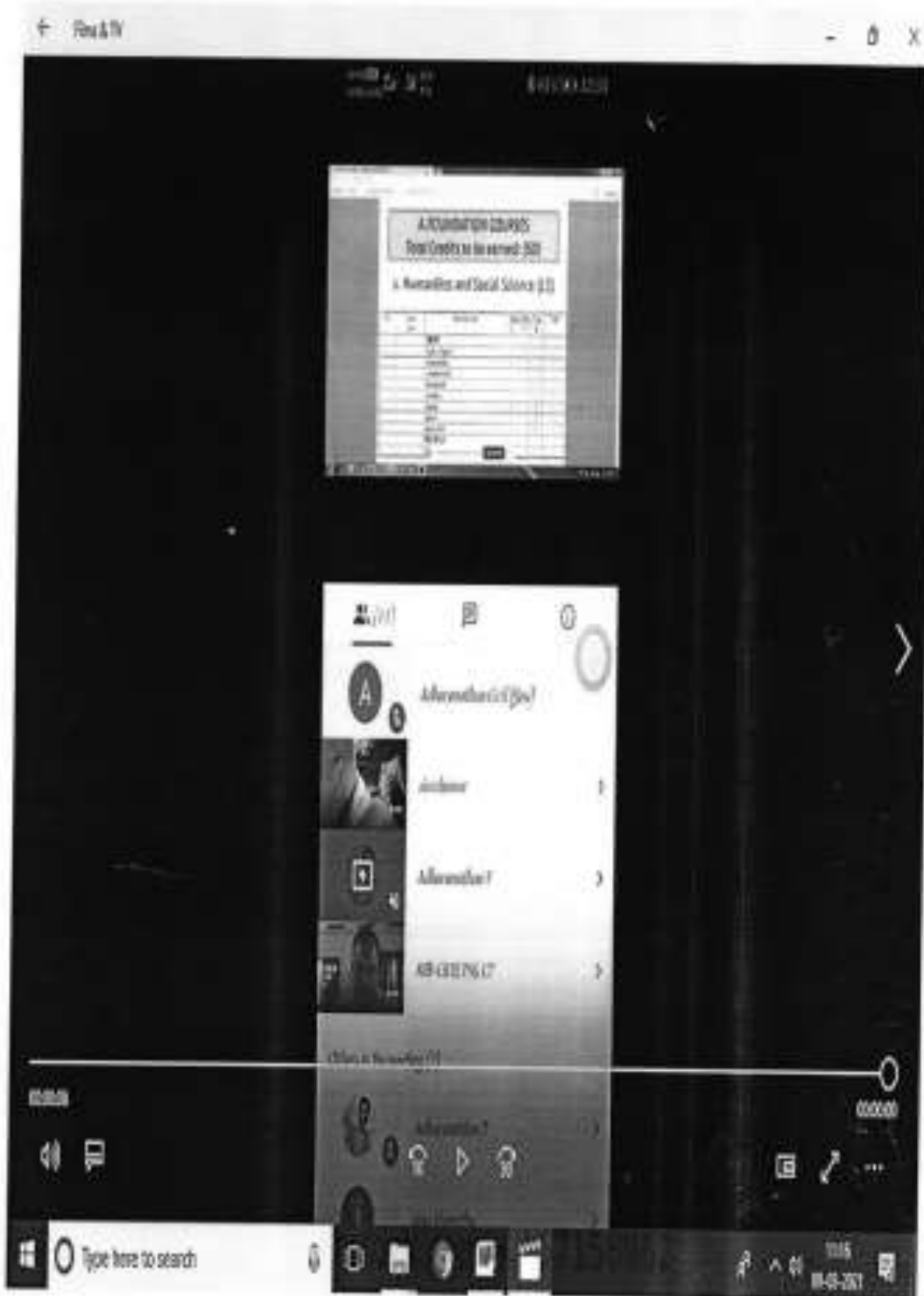


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**Board of BE –
Computer Science
and Engineering**

**Board of ME –
Computer Science
and Engineering**

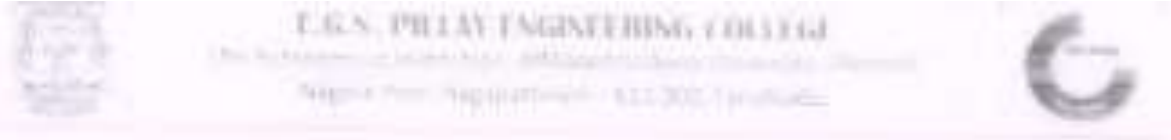


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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Computer Science and Engineering
Name of the Programmes	B.E. Computer Science and Engineering M.E. Computer Science and Engineering
Meeting No.	03
Date & Time	01.03.2019 & 02.30 PM
Venue	CSE A/C Seminar Hall

The names of the members present in the Board of Studies are given in Annexure I.

1. Chairman / BoS welcomed all members for the 3rd meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS briefed the members about the Agenda.
 - Discussion and action taken about previous meeting
 - Academic activities and regulations.
 - Any other matters.
4. The following are the suggestions given by the member of Board of Studies.
 - The Chairman gave a brief presentation on recently visited Accreditation process and highlighted the important points.
 - Vision and Mission of the Institution and Departments, PEOs and POs were presented to the members of the Board.
 - The Chairman demonstrated the alignment of Programme Specific criteria and aligned with the vision and mission statements of the department and institutional vision and mission statements.



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- All the members of the committee suggested to include new softwares and new technologies and involve the students with them.
- Board members also to involve the students to go for internship and industrial visit to improve the industrial exposure.

- Board members gave a elaborate detailed description in the latest technology usage and involves students in the modern tools
- Students are encouraged to solve the problems using modern tools.

○ Resolutions:

It was resolved to incorporate the suggestions given by the BOS members.

Board of Studies recommended the above resolutions to be presented in the Academic Council for further approval.

Finally the Chairman thanked all the members for their presence and valuable suggestions towards the importance of the Syllabus for the Computer Science and Engineering Board.

Date: 01.03.2019

Place: Nagapattinam

MCS
01.03.2019
Chairman – BoS (CSE)

CHAIRMAN
Board of Studies
Department of Computer Science &
Engineering
E.G.S Pillay Engineering College (Autonomous)
Nagapattinam.



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(An Autonomous Institution Affiliated to Anna University, Chennai)

Nagapattinam, Tamil Nadu - 611 002

Board of Studies Meeting

Attendance

Name of the Department : Computer Science and Engineering
Meeting No. : 03
Date & Time : 05.03.2019 & 2.30 P.M.
Venue : CSE A/C Seminar Hall

S.No	Name	Category	Signature
1	Dr.M.CHINNADURAI	Chairman	
2	Dr.S.MERCY SHALINE	University Nominee	
3	Dr.A.AMUTHAN	External Expert Members	
4	Dr.G.R.KARPAGAM		
5	Dr.MARAMUDHAN		
6	Mr.J.SARATH CHANDAR	Industry/ Corporate Sector	
7	Mr.ANAND THIAGARAJAN		
8	Ms.MERCY MARIA	Alumna	
9	Mr.S.P.GOPLAN		
10	Dr.T.GANESAN	Internal Member	
11	Dr.N.MURALI		
12	Dr.R.MANIVANNAN		
13	Prof.K.KALAVANI		
14	Prof.K.BALASUBRAMANIAN		

Chairman - IAS (CSE)

CHAIRMAN

Board of Studies

Department of Computer Science & Engineering

E.G.S.Pillay Engineering College (Autonomous)
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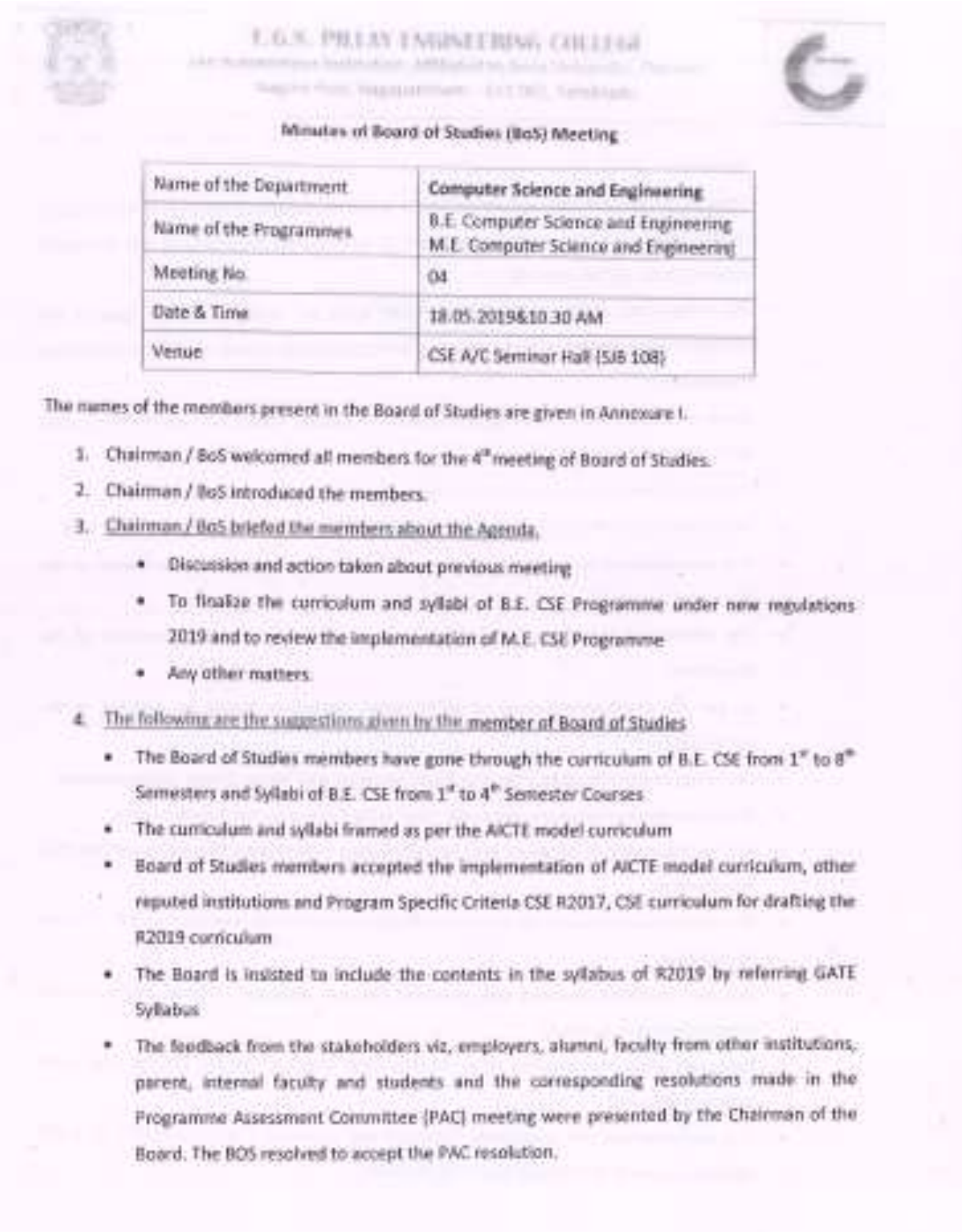


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- The board strictly instructed to involve the students in the online courses as per the regulations.
- Mapping of the curriculum and syllabi of the proposed regulation R2019 with the program specific criteria was presented to the board of members by the Chairman and the board resolved to accept the mapping.
- The components of the courses under R2019 based on having to one or more of the categories were presented to the board by the Chairman. The board resolved to accept the components.
- Board of Studies Chairman has agreed to offer the courses related to research thrust areas in the Program Elective Courses.
- The Basic Sciences courses are to be specific in the field of computer science field
- For Chemistry and Physics courses are to be ensured in the field of computer science field
- It is recommended to include Hardware and Troubleshooting related experiments in the laboratory courses
- The syllabus of Constitution of India is to be included in the third semester of the programme.
- As per the mandatory courses of AICTE model curriculum should be included in the curriculum
- Operating system should be moved to fourth semester and Digital system can be removed
- It is recommended to remove the credit score to the Environmental Science course.
- It is recommended to introduce new courses related to the field of Entrepreneurship skills development
- The Chairperson presented the panel of evaluators and question paper setters for valuation for approval.
- The BoS Members reviewed and approved the end semester External examiners and scrutiny members for R2019
- Discussed about the mapping of curriculum with Program Specific Criteria and board approved the same
- It is recommended the assessment questions and assessment pattern for the core and elective courses and the board approved the same.



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Resolutions:

It was resolved to incorporate the suggestions given by the BOS members towards the new regulations R2019 curriculum and syllabi (1st to 4th Semester) for B.E. CSE Programme and discussed about M.E. CSE review the implementation.

Board of Studies recommended the above resolutions to be presented in the Academic Council for further approval.

Finally the Chairman thanked all the members for their presence and valuable suggestions towards the improvement of the B.E. CSE R2019 Curriculum and Syllabus (1st to 4th Semester) for the Computer Science and Engineering Board.

Date: 18.05.2019

Place: Nagapattinam

M. Chidambaram
18/05/2019
Chairman - BOS (CSE)

CHAIRMAN
Board of Studies
Department of Computer Science &
Engineering
E.G.S. Pillay Engineering College (Autonomous)
Nagapattinam.

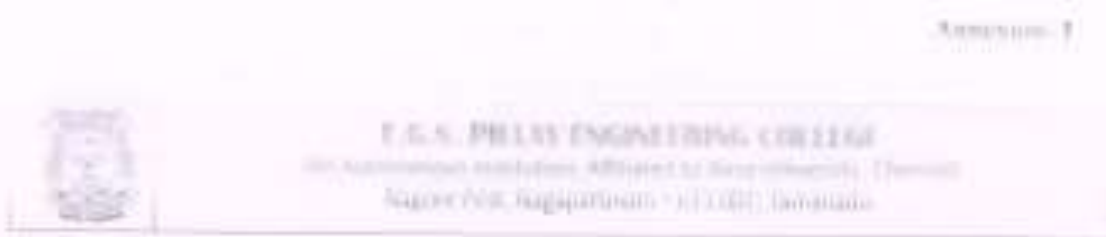


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Board of Studies Meeting

Attendance

Name of the Department : Computer Science and Engineering
Meeting No. : 04
Date & Time : 18.05.2019 & 10.00 A.M.
Venue : CSE A/C Seminar Hall

S.No	Name	Category	Signature
1	Dr.M.CHINNADURAI	Chairman	<i>[Signature]</i>
2	Dr.S.MERCY SHALINIE	University Nominee	<i>[Signature]</i>
3	Dr.A.AMUTHAN	External Expert Members	<i>[Signature]</i>
4	Dr.G.R.KARPAGAM		<i>[Signature]</i>
5	Dr.M.ARAMUDHAN		<i>[Signature]</i>
6	Mr.I.SARATHI CHANDAR	Industry/ Corporate Sector	<i>[Signature]</i>
7	Mr.ANAND THIAGARAJAN		<i>[Signature]</i>
8	Ms.MERCY MARIA	Alumnus	<i>[Signature]</i>
9	Mr.S.P.GOPELAN		<i>[Signature]</i>
10	Dr.T.GANESAN	Internal Member	<i>[Signature]</i>
11	Dr.N.MURALI		<i>[Signature]</i>
12	Dr.R.MANIVANNAN		<i>[Signature]</i>
13	Prof.K.KALAIVANI		<i>[Signature]</i>
14	Prof.K.BALASUBRAMANIAN		<i>[Signature]</i>

[Signature]
Chairman (CSE)
CHAIRMAN
Board of Studies
Department of Computer Science & Engineering
E.G.S. Pillay Engineering College (Autonomous)
Nagapattinam



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Board of BE – Electronics and Communication Engineering



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Annexure – I

	E.G.S. PILLAY ENGINEERING COLLEGE (An Autonomous Institution, Affiliated to Anna University, Chennai) Nagore Post, Nagapattinam – 611 002, Tamilnadu.	
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Board of Studies Meeting

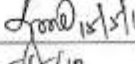
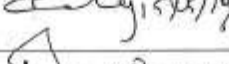
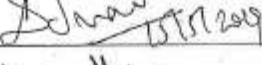
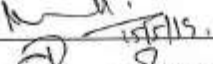
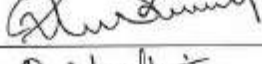
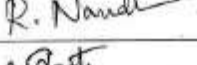
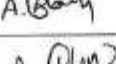
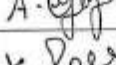

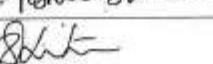
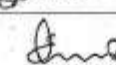

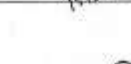
Attendance

Name of the Department : Electronics and Communication Engineering

Meeting No : —

Date & Time : 15-05-2019 & 10.00 A.M.

Venue : ECE A/C Seminar Hall

Sl.No.	Name	Category	Signature
1	Dr. B. PADMANABAN	Chairman	
2	Dr. MALA JOHN	University Nominee	
3	Dr. D.SRIRAMKUMAR	External Expert Members	
4	Dr. R. RAMESH		
5	Mr. V. UDAYA SANKAR	Industry / Corporate Sector	
6	Ms. R. NANDHINI	Alumnus	
7	Dr. A. RAJARAM	Internal Members	
8	Dr. A. SUNDARRAJ		
9	Prof. K. PARTHASARATHY		
10	Prof. RS.KOTEESHWARI		
11	Prof. S. CHITRA		
12	Prof. V. ELAVARASI		
13	Prof. M. NUTHUL SRINIVASAN		


Chairman - BOS (ECE)



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UG-B.E Electronics and Communication Engineering

BOS Meeting Minutes:

1. Analog and Digital Communication is divided into two courses.
2. Microwave Engineering has to be included.
3. Semester wise subject details have to be changed.
4. Data Structure theory and lab course have to be combined as single integrated course with 3 credits (2 credits for theory and 1 credit for lab).
5. Credit for Electromagnetic theory has to be changed from 4 to 3.
6. Signals and Systems have to be changed to core course.
7. All lab hours have to be changed from 3 hours to 2 hours (1 credit).
8. The name project viva has to be changed as Project work.
9. Professional core elective is renamed as Professional elective.
10. For mini projects, don't mention any specific title or subject.
11. One credit courses such as Verbal, Reasoning, Aptitude etc. have to be removed.
12. Remove the virtual lab or move to lower semester (3 or 4).
13. Comprehensive viva has to be changed as seminar as one credit course.
14. Course code has to be changed as per AICTE format.
15. Combine Microwave theory and lab courses as single course with 4 credits.
16. Elective courses have to be changed as given below
17. In Elective V, combine Fiber optic communication theory and lab as a single integrated course with 3 credits.

Elective – I:

- i. Operating Systems
- ii. Bio Medical
- iii. Embedded Systems
- iv. Measurements and Instrumentation


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Elective – 2:

- i. Image Processing
- ii. Digital Switching and Transmission
- iii. Real Time Operating System
- iv. Artificial Intelligence

Elective – 3:

- i. Computer Architecture
- ii. MEMS
- iii. Soft Computing
- iv. VLSI Signal Processing

Elective – 4:

- i. Wireless Sensor Networks
- ii. RADAR and Navigation
- iii. Mixed Signal CMOS Design
- iv. Internet of Things

Elective – 5:

- i. Fiber Optic Communication
- ii. Satellite Communication
- iii. Network Security
- iv. Web Technology


HOD, ECE

Dr. B. PADMANABAN, M.E., Ph.D.
Professor & Head,
Department of Electronics and



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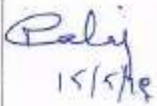


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(An Autonomous Institution, Affiliated to Anna University, Chennai)
Nagore Post, Nagapattinam – 611 002, Tamilnadu.



Department of Electronics and Communication Engineering

Minutes of the Board of Studies (BoS) held on 15.05.2019

The UG Curriculum(Regulations 2019) pertaining to B.E. – ECE has
been framed (Enclosed in Annexure – 1)

Sl.No.	Name	Category	Signature
1	Dr.B.Padmanaban, Professor & Head, Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College,Nagapattinam – 611002. Email ID:dr.padmanaban83@gmail.com Mobile Number:9994163733	Chairman	 15/5/19
2	Dr.Mala John, Professor, Department of Electronics and Communication Engineering, Madras Institute of Technology, MIT Road, Radha Nagar, Chromepet, Chennai – 600044 Email ID:mala john@annauniv.edu Mob. No.9444443706	University Nominee	 15/5/19
3	Dr.D.Sriramkumar, Professor, Department of Electronics and Communication Engineering, National Institute of technology,Tiruchirappalli – 620015. Email ID: s rk@nitt.edu Mobile Number :9443494495	External Expert Members	 15/5/2019
4	Dr.R.Ramesh, Senior Assistant Professor, School of Electrical and Electronics Engineering, SASTRA University, Thanjavur. Email ID:ramesh@ece.sastra.edu Mobile Number : 9944062307		 15/5/19



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Department of Electronics and Communication Engineering Board of Studies (BoS) Members

Sl.No.	Name	Category	Signature
6	R.Nandhini, Teaching Faculty, Chinmayi vidyalaya(CBSE), Nagapattinam Mobile:8438136248	Alumini	
7	Dr.A.Rajaram Professor, Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College,Nagapattinam – 611002. Mobile: 9942035947	Internal Members	
8	Dr.A.SundarRaj Associate Professor, Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College,Nagapattinam – 611002. Email ID: sundarraj198886@gmail.com Mobile:9865173406	Internal Members	
9	K.Parthasarathy, Associate Professor , Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College,Nagapattinam – 611002. Email ID: kp_sarathi78@yahoo.co.in Mobile:984294464		
10	R.S.Koteeshwari, Associate Professor , Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College,Nagapattinam – 611002. Email ID: eshwari.kote5@gmail.com Mobile:7904338947		
11	S.Chitra, Asst.Professor, Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College,Nagapattinam – 611002. Email ID: chithrapriyadharshini@gmail.com Mobile:9487485874		
12	V.Elavarasi Asst.Professor,		





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	E.G.S.Pillay Engineering College,Nagapattinam – 611002. Email ID: chithrapriyadarshini@gmail.com Mobile:9487485874		
12	V.Elavarasi Asst.Professor, Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College,Nagapattinam – 611002. Email ID: suthanmathi@gmail.com Mobile:9943397484		
13	M.Nuthal Srinivasan, Asst. Professor, Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College,Nagapattinam – 611002. Email ID:nuthal4o@gmail.com Mobile:9597077499		



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Annexure – I
Dated: 15.05.2019

Degree: B.E. Programme: ECE Batch: 2019-2020 onwards

Credit Distribution

S.No	Category	Credits
A	Foundation Courses	57
	Humanities, Social Science and management (HSS)	7
	Basic Science (BS)	27
	Engineering Science (ES)	23
B	Professional Core Courses	53
C	Elective Courses	30
	Programme specific Electives	15
	Open Electives	8
	Humanities, Social Science and management (HSS) Electives	7
D	Project work, seminar, internship in industry or at Higher Learning institutions	10
E	Mandatory Courses – Environment Science, Induction Programme, Indian Constitution, Essence of Indian Tradition knowledge	Non Credit (Not included for CGPA)
	Minimum Credits to be earned for the award of the Degree	150 (from A to E) and the successful completion of Mandatory Courses

A. FOUNDATION COURSES: Total Credits to be earned: (50)

a. Humanities and Social Science (7)

S.No.	Course Code	Name of the Course	Number of Hours / Week			Credit
			L	T	P	
THEORY						
1.		English for Engineers	2	-	-	2
2.		Professional Ethics	2	-	-	2
3.		Communication skills	-	-	2	1
4.		Presentation skills	-	-	2	1
PRACTICALS						
1.		English Laboratory	-	-	2	1

b. Humanities, Social Science and Management Electives(9)

S.No.	Course Code	Name of the Course	Number of Hours / Week			Credit
			L	T	P	
Elective 1						
1.		Project Management and Finance	3	-	-	3

[Signature]
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1.		BEEE lab	0	0	2	1
2.		Computer Programming Lab	0	0	2	1
3.		Computer Hardware trouble shooting Lab	0	0	2	1
4.		CAD for Engineering Graphics Lab	0	0	2	1

B. CORE COURSES

Credits to be earned: (53)

Sl. No.	Course Code	Name of the Course	Number of Hours / Week			Credit
			L	T	P	
THEORY						
1.		Digital Electronics	3	0	0	3
2.		Electronics Circuits	3	0	0	3
3.		Signals and Systems	3	1	0	4
4.		Analog Integrated Circuits	3	0	0	3
5.		Microprocessors and Microcontrollers	3	0	0	3
6.		Communication Systems - I	3	1	0	4
7.		Communication Systems - II	3	0	0	3
8.		Transmission Lines and Wave Guides	3	0	0	3
9.		Digital Signal Processing	3	0	0	3
10.		Communication Networks	3	0	0	3
11.		VLSI Design	3	0	0	3
12.		Antenna and Wave Propagation	3	0	0	3
13.		Wireless Communication	3	0	0	3
14.		Microwave and Fiber Optic Communication	3	0	2	4
PRACTICALS						
15.		Digital Electronics Laboratory	0	0	2	1
16.		Electronic Circuits Laboratory	0	0	2	1
17.		Analog Integrated Circuits and Simulation Laboratory	0	0	3	1
18.		Microprocessors and Microcontrollers Laboratory	0	0	3	1
19.		Communication Systems Lab	0	0	2	1
20.		Digital Signal Processing Laboratory	0	0	3	1
21.		VLSI Design Laboratory	0	0	3	1
22.		Communication and Networks Laboratory	0	0	3	1

C. PROFESSIONAL ELECTIVES

Credits to be earned: (15)

Sl. No.	Course	Name of the Course	Number of	Credit
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Semester I (First year) Branch/Course Electronics & Communication Engineering

Sr.No.	Course Code	Course Title	L	T	P	Contact Hrs./wk.	Credits
1		Engineering Mathematics-I	3	1	0	4	4
2		Applied Chemistry	3	0	0	3	3
3		Programming for Problem solving	3	0	0	3	3
4		English for Engineers	2	0	0	2	2
5		Chemistry Lab	0	0	2	2	1
6		Computer Programming Lab	0	0	2	2	1
7		English Lab	0	0	2	2	1
8		Communication Skills	1	0	0	1	1
TOTAL CREDITS							16

Semester II (First year) Branch/Course Electronics & Communication Engineering

Sr.No.	Course Code	Course Title	L	T	P	Contact Hrs./wk.	Credits
1		Engineering Mathematics – II	3	1	0	4	4
2		Applied Physics	3	0	0	3	3
3		Basic Electrical and Electronics Engineering	3	0	0	3	3
4		Engineering Graphics	3	0	0	3	3
5		Computer Hardware Trouble shooting Lab	0	0	2	2	1
6		Physics Lab	0	0	2	2	1
7		BEEE Lab	0	0	2	2	1
8		CAD Lab	0	0	2	2	1
9		Presentation Skills	0	0	2	2	1
TOTAL CREDITS							18

Semester III (Second year) Branch/Course Electronics & Communication Engineering

Sr.No.	Course Code	Course Title	L	T	P	Contact Hrs./wk.	Credits
1		Engineering Mathematics – III	3	1	0	4	4
2		Digital Electronics	3	0	0	3	3
3		Electronics Circuits	3	0	0	3	3
4		Signals & Systems	3	1	0	4	4
5		Biology for Engineers	3	0	0	3	3
6		Digital Electronics Lab	0	0	2	2	1
7		Electronics Circuits Lab	0	0	2	2	1
MC		Constitution of India					0


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						TOTALCREDITS	19
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Semester IV (Second year)
Branch/Course Electronics & Communication Engineering

Sr.No.	Course Code	Course Title	L	T	P	Contact Hrs./wk.	Credits
1		Electromagnetic Fields	3	1	0	4	4
2		Analog Integrated Circuits	3	0	0	3	3
3		Communication Systems – I	3	1	0	4	4
4		Microprocessor and Microcontroller	3	0	0	3	3
5		Probability and Random Process	4	0	0	4	4
6		Analog Integrated Circuits and Simulation Lab	0	0	2	2	1
		Microprocessor and Microcontroller Lab	0	0	2	2	1
7	MC	Environmental Science					0
						TOTALCREDITS	20

Semester V (Third year)
Branch/Course Electronics & Communication Engineering

Sr.No.	Course Code	Course Title	L	T	P	Contact Hrs./wk.	Credits
1		Communication Systems - II	3	0	0	3	3
2		Control Systems	3	0	0	3	3
3		Data Structures and C++	2	0	2	4	3
4		Digital Signal Processing	3	0	0	3	3
5		Transmission Lines and Waveguides	3	0	0	3	3
6		Professional Elective – I	3	0	0	3	3
7		Communication System Lab	0	0	2	2	1
8		Digital Signal Processing Lab	0	0	2	2	1
9		Mini Project I	0	0	2	2	1
	MC	Essence of Indian Traditional Knowledge					0
						TOTALCREDITS	21

Semester VI (Third year)
Branch/Course Electronics & Communication Engineering

Sr.No.	Course Code	Course Title	L	T	P	Contact Hrs./wk.	Credits
1		VLSI Design	3	0	0	3	3
2		Communication Networks	3	0	0	3	3
3		Antenna and Wave Propagation	3	0	0	3	3
4		Professional Elective – II	3	0	0	3	3
5		HSS Elective – I	3	0	0	3	3
6		Open Elective – I	3	0	0	3	3


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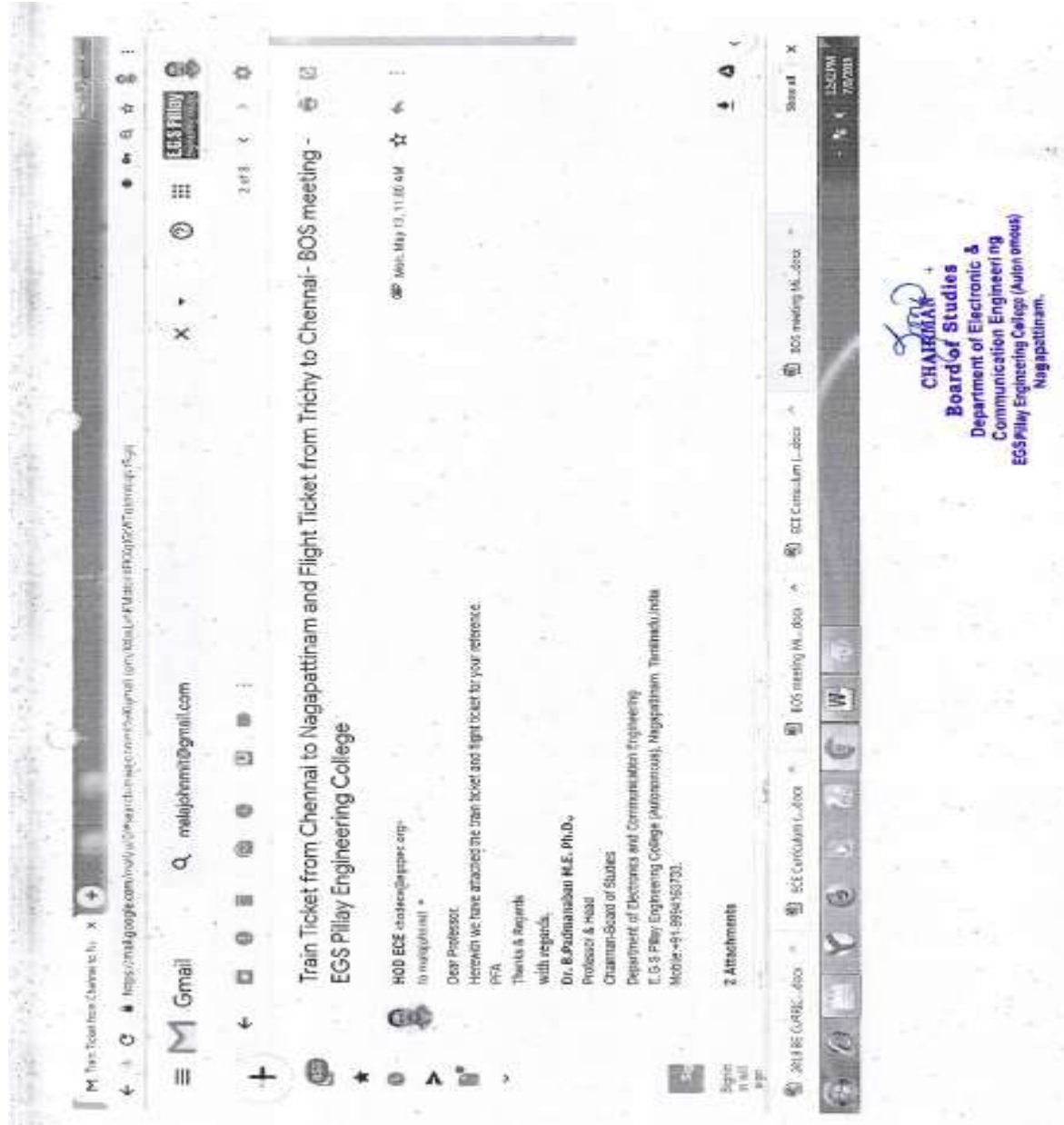


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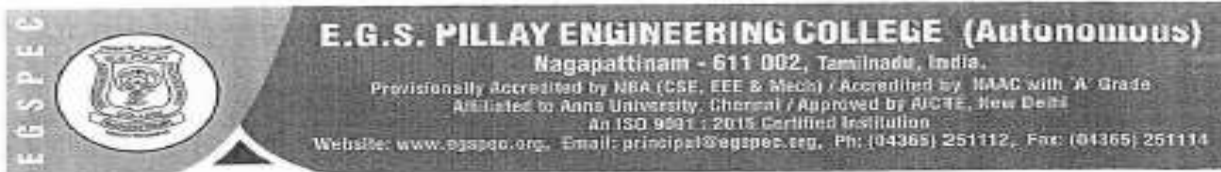


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Dr. S. RAMABALAN, M.E., Ph.D.,
Principal

Ref. No. : EGSPEC/BoS/2018-2019/16

Date : 09/05/2019

To

Dr.R.Ramesh,
SAP,
School of Electrical and Electronics Engineering,
SASTRA University,
Thanjavur.

Sir,

Sub: Convening the Board of Studies Meeting - Invitation - Reg-

We are honoured to have your good self as an External Expert in the Board of Studies for the Department of **Electronics and Communication Engineering** of our Institution for the academic year 2018-19.

Considering the academic schedule of the esteemed members, it is planned to convene the Meeting of the Board of Studies on **Wednesday, the 15th of May 2019 at 10.00 a.m.** in our College to consider and approve the Curriculum & Syllabus prepared for the Regulation R2019 based on the AICTE model curriculum for UG Degree Courses in Engineering & Technology (Jan 2018).

We invite you to attend the meeting and share your valuable experience for the successful implementation of the Regulation R2019 in our Autonomous system for the benefit of all stake holders.

Thanking you,

Yours faithfully,



PRINCIPAL



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

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Dr. S. RAMABALAN, M.E., Ph.D.,
Principal

Ref. No : EGSPEC/BoS/2018-2019/18

Date : 09/05/2019

To

Mr.B.Dhakshinamoorthy,
Solution Architect,
Tata Communication Limited,
4th floor, Jayanth Tech Park,
Nungambakkam,
Chennai – 600 089.

Sir,

Sub: Convening the Board of Studies Meeting - Invitation - Reg.

We are honoured to have your good self as Alumni in the Board of Studies for the Department of **Electronics and Communication Engineering** of our Institution for the academic year 2018-19.

Considering the academic schedule of the esteemed members, it is planned to convene the Meeting of the Board of Studies on **Wednesday, the 15th of May 2019 at 10.00 a.m.** in our College to consider and approve the Curriculum & Syllabus prepared for the Regulation R2019 based on the AICTE model curriculum for UG Degree Courses in Engineering & Technology (Jan 2018).

We invite you to attend the meeting and share your valuable experience for the successful implementation of the Regulation R2019 in our Autonomous system for the benefit of all stake holders.

Thanking you,



Yours faithfully,

[Handwritten Signature]
PRINCIPAL



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

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Dr. S. RAMABALAN, M.E., Ph.D.,
Principal

Ref. No. : EGSPEC/BoS/2018-2019/15

Date : 09/05/2019

To

Dr.Mala John,
Professor,
Department of Electronics and Communication Engineering,
Madras Institute of Technology,
MIT Road, Radha Nagar,
Chromepet, Chennai – 600 044.

Madam,

Sub: Convening the Board of Studies Meeting - Invitation - Reg.

We are honoured to have your good self as University Nominee of Anna University, Chennai in the Board of Studies for the Department of **Electronics and Communication Engineering** of our Institution for the academic year 2018-19.

Considering the academic schedule of the esteemed members, it is planned to convene the Meeting of the Board of Studies on **Wednesday, the 15th of May 2019 at 10.00 a.m.** in our College to consider and approve the Curriculum & Syllabus prepared for the Regulation R2019 based on the AICTE model curriculum for UG Degree Courses in Engineering & Technology (Jan 2018).

We invite you to attend the meeting and share your valuable experience for the successful implementation of the Regulation R2019 in our Autonomous system for the benefit of all stake holders.

Thanking you,



Yours faithfully,

[Signature]
PRINCIPAL



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Dr. S. RAMABALAN, M.E., Ph.D.,
Principal

Ref. No. : EGSPEC/BoS/2018-2019/17

Date : 09/05/2019

To

Dr.D.Srinankumar,
Professor,
Department of Electronics and Communication Engineering,
National Institute of Technology,
Tiruchirappalli – 620 015.

Sir,

Sub: Convening the Board of Studies Meeting - Invitation - Reg.

We are honoured to have your good self as an External Expert in the Board of Studies for the Department of **Electronics and Communication Engineering** of our Institution for the academic year 2018-19.

Considering the academic schedule of the esteemed members, it is planned to convene the Meeting of the Board of Studies on **Wednesday, the 15th of May 2019 at 10.00 a.m.** in our College to consider and approve the Curriculum & Syllabus prepared for the Regulation R2019 based on the AICTE model curriculum for UG Degree Courses in Engineering & Technology (Jan 2018).

We invite you to attend the meeting and share your valuable experience for the successful implementation of the Regulation R2019 in our Autonomous system for the benefit of all stake holders.

Thanking you,

Yours faithfully,



PRINCIPAL



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Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

Board of BE – Electrical & Electronics Engineering



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Electrical and Electronics Engineering
Names of the Programme	B.E. Electrical and Electronics Engineering
Meeting No.	03
Date & Time	11.05.2019 & 10.00 A.M.
Venue	Board Room (SJ Block 204)

The members present in the Board of Studies is given in Annexure – I.

1. Chairman / BoS welcomed all the members for the 3rd meeting of Board of Studies.
2. Chairman / BoS briefed the members about the Agenda.
 - Discussion and action taken about previous BoS Meeting.
 - Briefing of AICTE Model Curriculum -2018 to all members.
 - To finalize the curriculum of B.E. EEE Programme from first to eighth semester.
 - To finalize the syllabi of first year courses offered by the EEE department.
 - Any other matters.
3. The following are the suggestions given by the members of Board of Studies.
 - The Board of Studies members have gone through the curriculum of B.E. EEE Programme and suggested the following.

Under Graduate: B.E. - Electrical and Electronics Engineering

- Subject experts have gone through the types of courses, credits and then suggested to combine open elective courses (OEC) with humanities and social science elec courses (HSSEC).



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- Subject experts have insisted to rename the courses "Soft skills - Reasoning, Soft skills - Aptitude and Soft skills - Aptitude 2, GD", so as to reflect in mark sheet with proper meaning.
- Subject expert has suggested to remove the "Industrial plastics and polymers" course from the basic science courses (BSC) list.
- Subject experts have insisted to split the "Analog & digital electronics" course into two.
- Orientation courses may be conducted for Mathematics, Physics and chemistry faculties to match/correlate the department courses.
- Subject experts have suggested moving the course "Electrical machine design" from Professional core courses (PCC) to Programme specific electives courses (PEC).
- It is suggested to add "Linear integrated circuits" course in PCC list.
- Subject expert has suggested to rename the "Transmission and distribution" course as "Generation, Transmission and Distribution".
- It is suggested to rename the course "Microprocessor, Microcontroller and its Applications" as "Microprocessor and its applications".
- Subject experts have suggested to rename the course "Electrical Machines-I" as "DC machines and Transformers". Corresponding laboratory name also has to be changed accordingly.
- They have also suggested to rename the course "Electrical Machines-II" as "Synchronous and Asynchronous machines". Corresponding laboratory name also has to be changed.
- It is suggested to add the content calculation of main dimensions of the machines in the syllabi of both "DC machines and Transformers" and "Synchronous and Asynchronous machines".
- They have suggested to rename the course "Power Electronics Laboratory" as "Power Electronics and Drives Laboratory".
- Subject experts have suggested to combine the experiments of "Measurements and Instrumentation Laboratory" and "Control Systems Laboratory" and rename it as "Control and Instrumentation Laboratory".
- It is suggested to add the following laboratories (i) Analog electronics laboratory (ii) Digital electronics laboratory and (iii) Integrated circuits laboratory.
- It is suggested to use the conventional meters and experimental setup for demonstration purpose.



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- It is suggested to add "High voltage engineering" in the elective list.
- It is suggested to add the course "Modern transmission systems" instead of the course "High Voltage DC Transmission".
- Subject expert has suggested to add the elective course "Advanced power semiconductor devices".
- It is suggested to move the course "Power Electronics Applications to Power Systems" to next elective list for higher semesters.
- Subject expert has suggested to add the elective course "Embedded system for project design" in third group of electives. This course may be in theory + laboratory type.
- It is suggested to remove the course "Optimization techniques" and add the contents of it in the course called "Soft computing" in last three units/modules.
- Industry expert has suggested to add CFL and LED lighting schemes in the course "Electrical Energy Generation, Utilization and Conservation".

OPEN ELECTIVE COURSE:

- Subject expert has suggested to include the open elective course (OEC) "Internet of things".
- Subject expert has suggested to add an OEC addressing the needs of MS office, web development, Photoshop/coral draw and equation editor for the preparation of thesis, similarity check etc. This course may be in theory + laboratory type.
- Subject expert has suggested to group all electives in single list (if possible).
- It is suggested to include more OECs by consulting training and placement cell.
- Subject expert has suggested to add an OEC "Construction structures of power plants" by consulting civil department professors.
- It is suggested to include more OECs like "Computer communication, networking, pervasive and ubiquitous computing", "Heating, ventilation and air conditioning in electrical safety point of view", "Modern communication technologies" etc.
- OEC offered by EEE department to others may have the course titled "Troubleshooting of Electrical appliances".
- Subject expert has suggested to depute one faculty coordinator for OECs.



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INTERNSHIP and EECs:

- It is suggested to rename the course as "Internship" instead of "Industrial internship".
- Alumni and subject expert suggested to depute one faculty as department internship coordinator.
- It is suggested to rename the "Competitive exams preparation" course by "Comprehensive Viva" in Employment Enhancement Courses list.

INTERNSHIP and EECs:

- It is suggested to keep the course "Basic Electrical and Electronics Engineering" for all programs except B.E-EEE program.
- The following suggestions are given in "Basic Electrical and Electronics Engineering" course:
 - i. Subject expert has suggested to remove stepper motor
 - ii. It is suggested to keep as "SCR" not SCRs
 - iii. It is suggested to add Power converters (block diagram approach only)
 - iv. It is suggested to add in CO as "To solve very simple problems in DC and AC circuits"
- The following suggestions are given in the experiments of "Basic Electrical and Electronics Engineering Laboratory" course:
 - (i) "Experiments related to verification of ohm's law and Kirchoff's laws"
 - (ii) "Experiments involving logic gates"
 - (iii) "Fan and light control using regulator"
 - (iv) "Design of 6V regulated power supply"
 - (v) "Energy conservation demonstration experiment using Electronic energy meter"
 - (vi) " waveform generation and calculation of rms and average values"
 - (vii) " IC 555, 741 based experiments"
 - (viii) "Experiments in earthing".
 - (ix) It is suggested to remove RC coupled amplifier, load test on transformer experiments.

- The following suggestions are given in "Electrical Circuit Analysis" course:
 - (i) Unit I - Title as "DC Circuits", and add star-delta conversion
 - (ii) Unit II – Title as "AC Circuits" and add three phase circuits.
 - (iii) It is suggested to remove three phase circuits.
 - (iv) It is suggested to add rms, avg., form factor, peak factor for basic waveforms
 - (v) It is suggested to add ABCD parameters in two port networks



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Board of Studies Meeting

Attendance

Name of the Department : Electrical and Electronics Engineering

Meeting No : 03

Date & Time : 11-05-2019 & 10.00 A.M.

Venue : Board Room (85B 204)

SLNo.	Name	Category	Signature
1	Dr. V. MOHAN	Chairman	
2	Dr. S. HOSMIN THILAGAR	University Nominee	
3	Dr. N. KUMARESAN	External Expert Members	
4	Dr. S. JEEVANANTHAN		
5	Mr. BERTRAM GODWINPAUL IGNATTUS	Industry / Corporate Sector	
6	Mr. D. SABARIPANDIYAN	Alumnus	
7	Dr. A. SURESH PADMANABHAN	Internal Members	
8	Prof. R. ANANDARAJ		
9	Prof. K. KRISHNARAM		
10	Prof. B. NAVEEN ANTONY		

Chairman – BoS (EEE)



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Board of B.Tech– Information Technology



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Annexure

	E.G.S. PILLAY ENGINEERING COLLEGE (An Autonomous Institution, Affiliated to Anna University, Chennai) Nagore Post, Nagapattinam – 611 002, Tamilnadu	
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Board of Studies Meeting

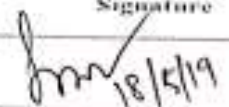
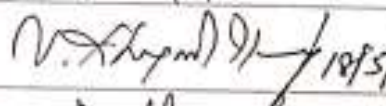
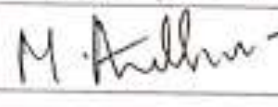
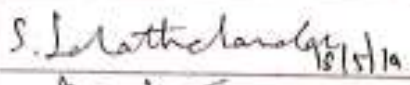
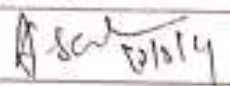
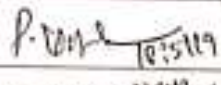
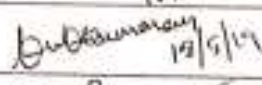
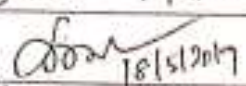
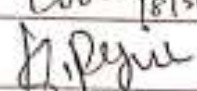
Attendance

Name of the Department : Information Technology

Meeting No : 03

Date & Time : 18-05-2019 & 10.30 A.M.

Venue : IT A/C Seminar Hall

Sl.No.	Name	Category	Signature
1	Prof. S. MANIKANDAN	Chairman	
2	Dr. V. RHYMEND UTHARIARAJ	University Nominee	
3	Dr. M. ARAMUDHAN	External Expert Members	
4	Mr. SARATH CHANDAR	Industry / Corporate Sector	
5	Mr. A. SARAVANAN	Alumnus	
6	Dr. P. VIJAYALAKSHMI	Internal Members	
7	Prof. K. MANIKANDA KUMARAN		
8	Prof. R. LAVANYA		
9	Prof. K. RAJU		


Chairman – BoS (IT)



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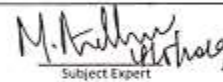
Minutes of Board of Studies (BoS) Meeting

Name of the Department	Information Technology
Name of the Programmes	B.Tech - Information Technology
Meeting No.	03
Date & Time	18.05.2019 & 10.30AM
Venue	IT A/C Seminar Hall

1. Chairman / BoS welcomed all members for the 3rd meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS briefed the members about the Agenda.
 - Minutes of last meeting reviewed
 - To discuss last III and IV Semester activities
 - To finalize First and Second Semester curriculum and syllabi for B.Tech - Information Technology Programmes
 - To finalize Third to Eighth Semester curriculum for B.Tech - Information Technology Programmes
 - Any other matters.
4. The following are the suggestions given by the member of Board of Studies.


Chairman (BoS) / IT


University Nominee


Subject Expert


Industry Expert


Alumni


Senior Faculty


Senior Faculty


Senior Faculty


Senior Faculty



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- BoS members appreciated for last one year activities such as oracle certification, one credit course and onsite seminar. Suggested give training and credit course for open source tools for web development, mobile apps, social media, etc
- Appreciated for adopting AICTE model curriculum and included all the mandate courses
- Recommended to change life skills course names to specific title like technical communication instead of normal names like communication, verbal ability and aptitude
- For humanities and science elective, change the course title business model generation, creating new startup and establishing new business into some other names.
- Programming Problem solving course fix as lab combined course and change recursion, searching and sorting techniques to Data Structure and Algorithms and give introduction to recursion, file handling techniques in this paper
- Appreciated for computer hardware, troubleshooting and IT Essential lab course and remove network, web apps and mobile apps development title because of huge contents.
- For 3rd Semester add new course as Problem Solving using Python and change Java programming course into 4th Semester
- Combine Probability, Queuing Theory and Statistics as one course and introduce in 3rd Semester itself with IT related problems
- Courses and credits also equally distributed and fix the credit range between 150-155.
- Appreciated for all the courses are included lab and tutorial components
- Recommended that Mooc courses like NPTEL, Course Era, Edx and other industry support online course as one credit based on students performance and consider for credit transfer
- Appreciated for IoT lab, AICTE Smart India Hackathon projects, Chatra Viswkarama Awards, ISTE projects and Copyrights and Suggested that try UGC, AICTE for R&D funding for setting labs and projects



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- Allocate science and humanities department faculty as Co-Guide for project course for gaining more knowledge in Mathematics, Physics and Chemistry courses
- While setting syllabus for 3 units/modules for basic, fundamentals and needs, remaining units will focus on concepts, case studies, experiments and models
- While handling lab, give different problems for all students and instruct them able to solve for improving practical
- 65% to 75% weightage will give to practical and tutorial parts
- Review meeting should be conducted at the end of every semester to get the students & faculty feedback and make changes according to it
- The need based Value added course/one credit courses approved by Chairman BOS in Department Academic meeting and it will be ratified by BoS meeting, subsequently in Academic council

Department Academic Advisory

- Discussed last year academic audit process and evaluation procedure
- Attainment calculation of PO, PSO verified and suggested that give more training and activities to above apply level COs
- Arrange Open source training and online learning for improving self-learning practices
- Discussed display and dissemination process of Vision, Mission, PEO, PO and PSO to stake holders in addition that feedback mechanism also discussed
- Expert members are suggested that conduct alumni meet and get a feedback for interacting with industry for recent trends and updation
- Continuous improvement and monitoring is important for calculating attainment and suggested end of each course file-the faculty course attainment report played vital role next course input so kindly ensure that process will be done
- Sample attainment calculation, CO to PO and PSO attainment, Event feedback, Action Taken report are shown and suggestion are given for next improvement



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- Small changes or modifications in the syllabus approved by Chairman BOS in Department Academic meeting and recommended to pass BoS meeting, subsequently ratified in Academic council
- At the end, University nominee, External Expert member, Industry Expert and Alumni appreciated us that you are going towards improvement and if you do some improvements in IT syllabus then it should be a model for other Autonomous colleges

1. The following resolutions were passed

- It is resolved to recommend the curriculum and syllabi of First and Second semester and Curriculum for 3rd to 8th Semester of B.Tech – Information Technology Programme to the Academic Council for approval.

The Chairman, Board of Studies thanked all the members for their valuable suggestions and coordination.

Date: 18/05/2019

Place: Nagapattinam

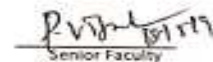

Chairman (BoS) / IT


University Nominee


Subject Expert


Industry Expert


Alumni


Senior Faculty


Senior Faculty


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Dr. S. RAMABALAN, M.E., Ph.D.,
Principal

Ref. No. : EGSPEC/BoS/2018-2019/25

Date : 14/05/2019

To

Dr.M.Aramudhan,
Professor and Head of IT,
Perunthalaivar Kamarajar Institute of Engineering and Technology,
Karaikal.

Sir,

Sub: Convening the Board of Studies Meeting - Invitation - Reg.

We are honoured to have your good self as an External Expert in the Board of Studies for the Department of Information Technology of our Institution for the academic year 2018-19.

Considering the academic schedule of the esteemed members, it is planned to convene the Meeting of the Board of Studies on Saturday, the 18th of May 2019 at 10.00 a.m. in our College to consider and approve the Curriculum & Syllabus prepared for the Regulations R2019 based on the AICTE model curriculum for UG Degree Courses in Engineering & Technology (Jan 2018).

We invite you to attend the meeting and share your valuable experience for the successful implementation of the Regulations R2019 in our Autonomous system for the benefit of all stake holders.

Thanking you,



Yours faithfully,


PRINCIPAL

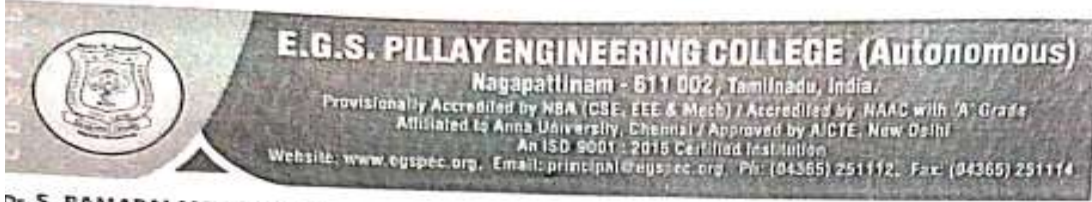


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Dr. S. RAMABALAN, M.E., Ph.D.,
Principal

Ref. No. : EGSPEC/BoS/2018-2019/24

Date : 14/05/2019

To

Dr. V. Rhymend Utharianaj,
Professor,
Department of Information Technology,
Madras Institute of Technology,
Chromepet, Chennai- 600 044.

Sir,

Sub: Convening the Board of Studies Meeting - Invitation - Reg.

We are honoured to have your good self as University Nominee of Anna University, Chennai in the Board of Studies for the Department of Information Technology of our Institution for the academic year 2018-19.

Considering the academic schedule of the esteemed members, it is planned to convene the Meeting of the Board of Studies on Saturday, the 18th of May 2019 at 10.00 a.m. in our College to consider and approve the Curriculum & Syllabus prepared for the Regulations R2019 based on the AICTE model curriculum for UG Degree Courses in Engineering & Technology (Jan 2018).

We invite you to attend the meeting and share your valuable experience for the successful implementation of the Regulations R2019 in our Autonomous system for the benefit of all stake holders.

Thanking you,

Yours faithfully,




PRINCIPAL



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S. RAMABALAN, M.E., Ph.D.,
Principal

Ref. No. : EGSPEC/BoS/2018-2019/26

Date : 14/05/2019

To

Mr. A. Saravanan,
Senior IT Operations Analyst,
Accenture,
Bangalore.

Sir,

Sub: Convening the Board of Studies Meeting - Invitation - Reg.

We are honoured to have your good self as Alumni in the Board of Studies for the Department of Information Technology of our Institution for the academic year 2018-19.

Considering the academic schedule of the esteemed members, it is planned to convene the Meeting of the Board of Studies on Saturday, the 18th of May 2019 at 10.00 a.m. in our College to consider and approve the Curriculum & Syllabus prepared for the Regulations R2019 based on the AICTE model curriculum for UG Degree Courses in Engineering & Technology (Jan 2018).

We invite you to attend the meeting and share your valuable experience for the successful implementation of the Regulations R2019 in our Autonomous system for the benefit of all stake holders.

Thanking you,

Yours faithfully,



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3rd BoS Meeting - reg

Inbox

Fri, May 17,
12:35 PM

HOD IT <hodit@egspec.org>

to rhymend, aramudhan1973, sarath.chandar, me, COE

Dear Sir

Greeting from Department of IT, E.G.S. Pillay Engineering College (Autonomous),
Nagapattinam

We are happy to inform you that we are going to organize 3rd BoS Meeting on
18/05/2019, 10.30AM. We are happy to welcome you all for this meeting with following
agenda

1. Minutes of last meeting reviewed
2. To discuss last III and IV Semester activities
3. To finalize First and Second Semester curriculum and syllabi for B.Tech – Information Technology Programmes
4. To finalize Third to Eighth Semester curriculum for B.Tech – Information Technology Programmes
5. Suggestion and Improvements

Also herewith i attached curriculum and syllabus for First and Second semester courses offered to
B.Tech - IT Programme

Thanking you and We will meet you on tomorrow 🍀



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E.G.S. PILLAY ENGINEERING COLLEGE
 (Autonomous)
 NAGAPATTINAM – 611 002
 Department of Information Technology


 18th May 2019
**HEARTY WELCOME TO ALL
 BOARD OF STUDIES MEETING**

AGENDA

1. Programme Structure
2. Minutes of previous meeting
3. Approval of I to II Semester Curriculum and Syllabus & Curriculum for III to VIII Semesters (EGSPEC Regulation - 2019)

BOARD OF STUDIES MEMBERS

S.No.	Name	Category
1	Dr. VRIJYEND UTHARAJ Professor / IT Madhav Institute of Technology, Chennai	University Nominee
2	Dr. E. SIVASANKAR Assistant Professor / CSE National Institute of Technology, Trichy	External Expert Members
3	Mr. MUBARAK Managing Director Vival InfoTech Software Solutions (Chennai - 600092)	Industry Experts
4	Mr. A. SARAVANAN Senior IT Operations Analyst Amantech, Bangalore	Alumni
5	ALL THE FACULTY MEMBERS OF IT	Internal

STRUCTURE OF THE PROGRAMME

S.No.	Component	Credits
A	Common Courses	30
B	Intermediate, Basic Science and Mathematics (2019)	12
C	Basic Science (2019)	12
D	Intermediate Science (2019)	12
E	Intermediate Core Courses	12
F	Intermediate Special Electives	12
G	Open Electives	6
H	Practical Work, industry internship or equivalent in a degree leading discipline	12
I	Approved Courses / Courses/ Semesters, Seminars, Programmes, Interns, Internships, Seminars of Higher Institutes, Seminars, conferences, etc. (as per AICTE guidelines)	12
	Total Credits	120

(Not included in CDP)
 120 Credits to be earned for the award of the Degree
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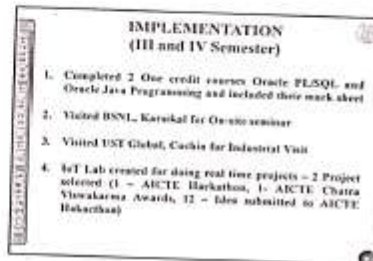
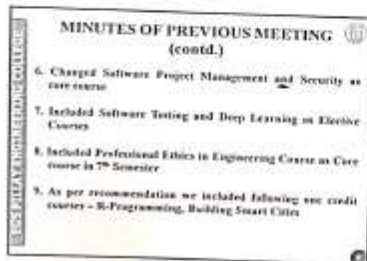
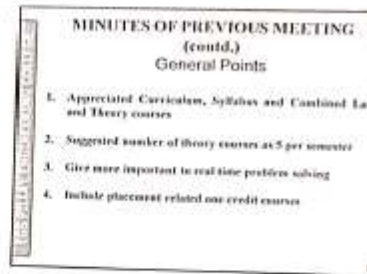
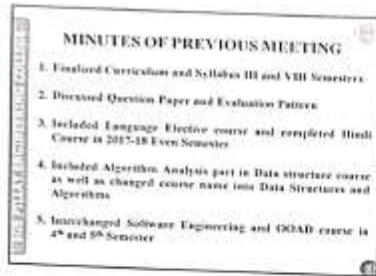


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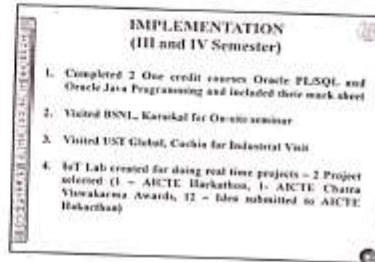
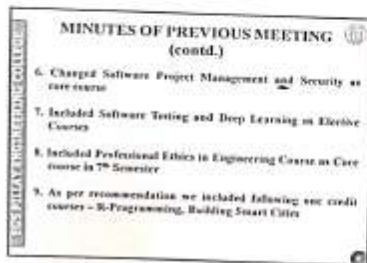
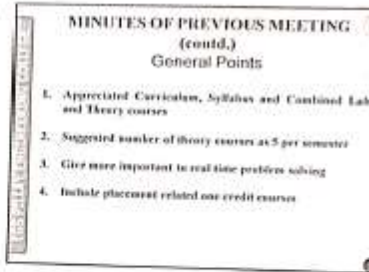
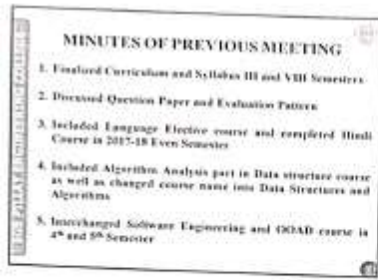


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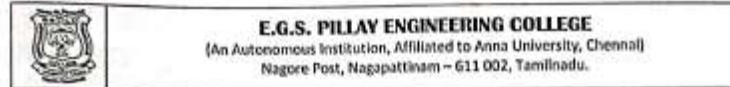


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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Mechanical Engineering.
Names of the Programmes	B.E. Mechanical Engineering, M.E. Manufacturing Engineering.
Meeting No	03
Date & Time	12.05.2019 & 10.00 A.M.
Venue	Board Room

The names of members present in the Board of Studies is given in Annexure – I

1. Chairman / BoS welcomed all members for the 3rd meeting of Board of Studies.

2. Chairman / BoS briefed the members about the Agenda.

- Dissemination of Department Vision, Mission, PEOs, POs and PSOs
- To get approval for UG First Year Syllabus for following subjects, Engineering Graphics, Manufacturing practices lab, and CAD lab,
- To finalize the curriculum of 3rd – 8th Semester B.E Mech
- Any other matters.

3. The following are the suggestions given by the member of Board of Studies.

1. Add Engineering Exploration subject in the curriculum.
2. Update the reference section of engineering graphics with latest edition of books.
3. Expand the syllabus of CAD lab. Do not mention specific software name in the syllabus.
4. Change Manufacturing practices lab name as Basic workshop. Add few more experiments in Basic workshop lab.
5. Add Mechatronics and Automation subject in the curriculum.
6. Names of the subjects in the curriculum and the syllabus are to be same.
7. Mention the induction programme for 3 weeks in the curriculum.
8. Number of lines in each module of the syllabus is to be same.
9. While reducing elective courses for the students who have completed online or industry sponsored courses, subject equality is to be considered.
10. Add the following one or two credit courses in the curriculum:
Lean Manufacturing, Piping Engineering, CNC/Robot Programming, Logistics & Supply Chain Management, Additive Manufacturing, Python Programming.



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4. The following resolutions were passed

- It is resolved to recommend the curriculum and syllabi of First and Second semester of B.E Mechanical Engineering Programme to the Academic Council for approval.

The Chairman, Board of Studies thanked all the members for their valuable suggestions and coordination.

Date: Nagapattinam

Place: 12.05.2019

Chairman – BoS (Mech)

CHAIRMAN
Board of Studies

Department of Mechanical Engineering
E.G.S. Pillay Engineering College,
(Autonomous)
Nagapattinam.



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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Mechanical Engineering.
Names of the Programmes	B.E. Mechanical Engineering. M.E. Manufacturing Engineering.
Meeting No	04
Date & Time	27.06.2020 & 11.00 A.M.
Venue / Platform	Google Meet App
Google meet link	https://meet.google.com/unm-ekoe-teb
Google Meet App Moderator (host)	Dr.S.Krishnamohan, Professor & Dean (Mechanical)

The names of members present in the Board of Studies is given in Annexure – I

1. Chairman / BoS welcomed all members for the 4th meeting of Board of Studies.

2. Chairman / BoS briefed the members about the Agenda.

- To finalize the Second year (third & Fourth Semester) syllabi of B.E Mech Programme.
- Any other matters.

3. The following are the suggestions given by the member of Board of Studies.

The Board of Studies members have gone through the curriculum and syllabi of 3rd & 4th semester

1. Add recent trends subject in the curriculum.
2. Add Operational Research Subject.
3. Add product design and development subject in the open elective
4. Number of Hours should be Changed 3 hours to 2 hours in the subject of Constitution of India
5. Students has to practical exposure in manufacturing design and also need industrial exposure
6. Add Programming subjects for the placement be like Python, C++, etc...
7. Allow students internship in 8th semester
8. Allow the students to addend the online NPTEL Courses
9. Add design of 6sigma subject in electives.
10. The syllabus of Universal Human Values and Ethics (Open Elective) is approved.



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4. The following resolutions were passed

- It is resolved to recommend the curriculum and syllabi of third and fourth semester of B.E Mechanical Engineering Programme to the Academic Council for approval.

The Chairman, Board of Studies thanked all the members for their valuable suggestions and coordination.

Date: 27/06/2020

Place: Nagapattinam


Chairman – BoS (Mech)

CHAIRMAN
Board of Studies
Department of Mechanical Engineering
- E.G.S. Pillay Engineering College,
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Nagapattinam.

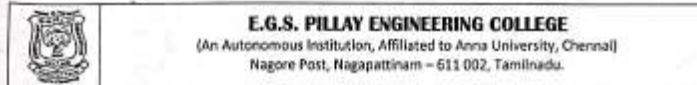


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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Mechanical Engineering.
Names of the Programmes	B.E. Mechanical Engineering. M.E. Manufacturing Engineering.
Meeting No	05
Date & Time	23.01.2021 & 11.45 A.M.
Venue / Platform	Google Meet App
Google meet link	https://meet.google.com/ahp-dsw-tkb
Google Meet App Moderator (host)	Dr.S.Krishnamohan, Professor & Dean (Mechanical)

The names of members present in the Board of Studies is given in Annexure – I

1. Chairman / BoS welcomed all members for the 5th meeting of Board of Studies.
2. Chairman / BoS briefed the members about the Agenda.
 - Finalizing the Third year and Final Year (Fifth, Sixth, Seventh and Eighth Semester) syllabi of B.E Mechanical Programme.
 - Finalizing the list of equipments required for all the laboratories.
 - Any other matters.
3. The following are the suggestions given by the member of Board of Studies.

The member of Board of Studies members have gone through the curriculum and syllabi of third year and Final Year and afford following suggestions:

1. Problem oriented subjects have to be given only 3 credits, if it is possible change may be applicable (as 4 credits)
2. The title of "Mini Project 1 & Mini Project 2" Should be changed as "Mini Project Phase 1 & Mini project phase 2".
3. If the open elective course is not compulsory, then students need to have a chance take any profession core subject as elective.
4. CAM lab is available in the curriculum, but CAM related theory is missing; Only CIM subject available in electives. Hence CAM related theory is to be included.
5. It is suggested to Change the subject title "competitive exam preparation".
6. Machine drawing subject is available in elective subjects. If possible it may be combined with CADA lab




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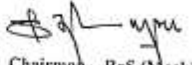
7. Operation research subject is missing in curriculum. It has to be included.
8. Kinematics of Machines (6th semester) and Dynamics of Machines (7th semester) should be moved to 5th and 6th semester respectively.
9. Any topics related to Recent advancement in Industry 4.0 can be added.

4. The following resolutions were passed

- It is resolved to recommend the curriculum, syllabi and list of equipments required for all laboratories of 5th, 6th, 7th and 8th semester of B.E Mechanical Engineering Programme to the Academic Council for approval.

The Chairman, Board of Studies thanked all the members for their valuable suggestions and coordination.

Date: 23/01/2021
Place: Nagapattinam


Chairman – BoS (Mech)

CHAIRMAN
Board of Studies
Department of Mechanical Engineering
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Nagapattinam.

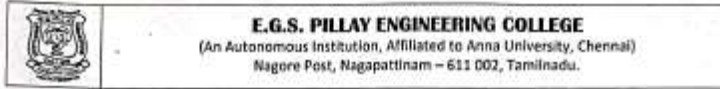


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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Mechanical Engineering.
Names of the Programme	M.E. Manufacturing Engineering.
Meeting No	06
Date & Time	11.07.2021 & 11.00 A.M.
Venue / Platform	Google Meet App
Google meet link	https://meet.google.com/fqf-xpuc-ooo
Google Meet App Moderator (host)	Dr.S.Krishnamohan, Professor & Dean (Mechanical)

The names of members present in the Board of Studies is given in Annexure – I

1. Chairman / BoS welcomed all members for the 6th meeting of Board of Studies.
2. Chairman / BoS briefed the members about the Agenda.
 - To finalize the new Regulations (Regulations 2021) and detailed curriculum for M.E Manufacturing Engineering.
3. The following are the suggestions given by the member of Board of Studies.

The Board of Studies members have gone through the curriculum and syllabi of M.E Manufacturing Engineering.

Dr.G.SureshKannan

1. The credit for 3rd semester is 16 credits and wrongly printed as 12 in word document.
2. Elective courses are looks like UG program course.
3. Project for PG students must be individual.
4. Give Pedagogy Studies as audit course for PG students.

Dr.M.Duraiselvam

1. Include syllabus like Additive Manufacturing, IoT etc.,

Dr.K.Krishnamoorthy

1. Include latest reference book for all subjects.
2. Include latest manufacturing topics like Additive Manufacturing etc.,




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Dr. Shaanthakumar Mohan

1. Include computational course in curriculum.

Dr. Jagannathan

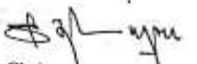
1. Suggested to include latest advanced topics related to Manufacturing.
2. Materials Technology syllabus needs to be upgrade.

4. The following resolutions were passed

- It is resolved to recommend the curriculum, syllabi and list of equipments required for all laboratories of all semester of M.E Manufacturing Engineering Programme to the Academic Council for approval.

The Chairman, Board of Studies thanked all the members for their valuable suggestions and coordination.

Date: 11/07/2021
Place: Nagapattinam


Chairman – BoS (Mech)

CHAIRMAN
Board of Studies
Department of Mechanical Engineering
E.G.S. Pillay Engineering College,
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Board of BE – Master of Business Administration

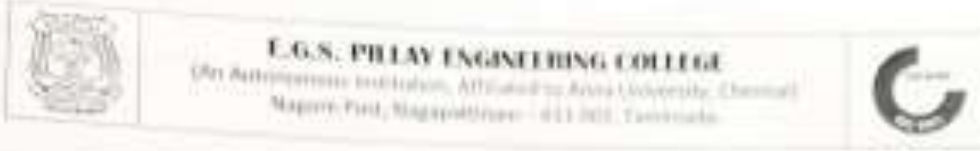


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Department of Management Studies Board of Studies (BoS) Members

Sl.No.	Name	Category
1	Dr. R. KARTH , Professor / Director, Master of Business Administration, E.G.S.Pillay Engineering College, Nagapattinam, E-Mail: rkarth_2022@yahoo.co.in, Mobile: 7373067013, 9842774607, Phone No.:	Chairman
2	Dr. R. MAGESH , Associate Professor, Master of Business Administration, Anna University, Chennai, E-mail: rajmagesh65@hotmail.com Mobile: Phone No.: 044- 22358775	University Nominee
3	Dr. N. THAMARASELVAN , Associate Professor, Master of Business Administration, National Institute of Technology, Tiruchirappalli, E-mail: selvan@nit.edu, selvanthamarai27@gmail.com Mobile: 9443777217 Phone No.:	External Expert Members
4	Dr. M. P. PANDIKUMAR , Associate Professor, Master of Business Administration, Loyola Institute of Business Administration, Chennai, E-mail: pandikumar@liba.edu Mobile: 9597185887 Phone No.:	
5	Mr. J. SARATH CHANDAR Asst.Mgr - HR, IVTL Infoview Technologies Ltd Vishnuathi Melaram Towers, Karapakkam, Chennai -600097 Email: sarath.chandar@ivthefoxview.com Mobile: 9952943404	Industry / Corporate Sector



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Department of Management Studies Board of Studies (BoS) Members

Sl.No.	Name	Category
6	Mr. S. SYED NASURDEEN MOULANA Business Development Executive, Campus Interaction Pvt. Ltd., Chennai. E-mail: moulana91@gmail.com Mobile: 9677866322	Alumnus
7	Mrs. B. ASHA DAISY, Assistant Professor, E-Mail: ashadaisy07@gmail.com Mobile: 9585091039	Internal Members
8	Ms. P. VINOETHA, Assistant Professor, E-Mail: tvinothatamilmba@gmail.com Mobile: 9585686663	
9	Ms. P. BALAISHWARYA, Assistant Professor, E-Mail: balaishwarya19@gmail.com Mobile: 9994081913	
10	Mrs. A. UMADEVI, Assistant Professor, E-Mail: umadv90@gmail.com Mobile: 8220447462	



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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Management Studies
Name of the Programme	MBA
Meeting No.	01
Date & Time	08.07.2017 & 10:00 A.M.
Venue	ED Cell

Chairman / BoS welcomed all the members for the 1st meeting of Board of Studies. Chairman / BoS introduced the members presented, Chairman / BoS briefed the members about the Agenda to finalize the curriculum and syllabi of MBA Programme (CBCS) system and to finalize the question paper pattern for MBA Programme and evaluation methodologies.

The following are the suggestions given by the members of Board of Studies.

- Regarding the managerial communication the members were suggested that
 - o The communication skills class must be conducted with practical sessions.
 - o Proper evaluation must be done to improve the performance of the students in laboratory.
 - o Provide 3 credits to Managerial communication skills paper.
 - o Communication may be divided into Oral, Written and Etiquettes.
- With respect to the Accounting for management members recommended following directions that :
 - o To concentrate in Financial statement Analysis by using real time data
 - o Cost accounting portion may be strengthened
 - o After learning the fundamentals of Accountancy, tally may be given in next semester.

Concerned to the Total Quality Management in First semester, members recommend that TQM paper may be included with Production and Operations Management elective.


Chairman
Department of Management Studies
E.G.S. Pillay Engineering College

Subject Expert

Senior Faculty


University Nominee

Industry Expert
Chennai

Subject Expert


Subject Expert

Member

Senior Faculty



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Regarding the subject Legal Aspects of Business the members are advised to induct Wages Act in revised version.

In the subject Economic Analysis for Business the content can include Micro Economics portion with appropriate weight age in syllabus.

The members recommends that the subject Business Ethics, CSR and Corporate Governance can be included with Legal aspects of Business and Organisational behaviour.

Mr. Chaitanya Krishna- Industry expert recommends to include more weight age for HRIS Human Resource Management.

All the members suggested that Theory related Practical's can be given in parallel. Lab papers title may be designed as Software Skill Lab I & II. Statistics for Management with SPSS or SAS and Mr Excel practical can be included and Operations Research can be taught and trained with TORA.

It was suggested by the members that the subject International Business Management proposed for fourth semester may be shifted to 3rd semester as core paper.

Dr.Magesh – University nominee suggested to include conflict management content in Organisational Behaviour

Dr. M.P.Pandikumar – Subject expert recommended to Markowitz Model topic should be included in portfolio construction in Security Analysis portfolio Management subject

Concerned to the Financial management members were recommended the following suggestions: to Use title for the First Unit as Introduction to Financial Management, remove Option Valuation and to include Forward, Commodities, Currency, futures and options may be included in Derivatives Management under finance elective courses

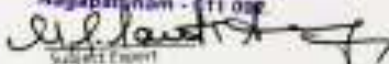
The board suggested to maintain Minimum 3 text books which should be included in the Syllabus apart from the references. The members of the board emphasized the need for chronological order in the list of both text and reference books.

Professional Skill Development

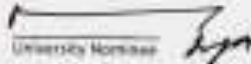
This title may be used as Seminar

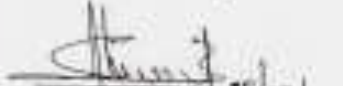
Dr.Thamaraselvan subject expert suggested to have two and one core papers in the third and fourth semester respectively.


Board of Studies
Department of Management Studies
E.G.S. Pillay Engineering College (Autonomous)
Nagapattinam - 611 002


Subject Expert


Senior Faculty


University Nominee


Industry Expert


Senior Faculty


Subject Expert


Member


Senior Faculty



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Theory

2 core papers in 3rd Semester

1 core paper in 4th Semester

Dr. Thamarahelvan subject expert suggested to have two and one core papers in the third and fourth semester respectively.

Electives

5 Electives in 3rd Semester

3 Electives in 4th Semester

Project

Final project may be completed within 4 weeks after the examination of the 3rd semester is completed.

University nominee member request the chair to ensure the Regulation - Eligibility criteria for MBA admission is set by AICTE.

One Credit Course

Members highlighted that one credit course can be offered without any compulsion

Industry Interactions

Members suggested that regular interaction with the industry will help the students to get more exposure in projects and placements.

Seminar and GD

Concentrate on Seminar and Group Discussion regularly.

"Activity Based learning should be encouraged in classrooms".

Case study may be conducted.

Industry expert stressed the need for case based method of coaching is vital in modern days of business education. Activity based learning (ABL) as part of Knowledge transmission during classroom lectures. Alumni of the Department Mr. Syednasurdeenmoulana shared his view regarding the necessity of seminar and Group discussion as part of modern management in order to meet corporate expectations. The Chairman of the Board of studies summarized and concluded the discussed agenda points and summarized the valuable inputs shared and suggested by the members of the board of studies MBA (CBCS). Finally the chairman thanked the members and respectively the minutes were circulated and signed by the members.

 CHAIRMAN Board of Studies Department of Management Studies E.G.S. Pillay Engineering College (Autonomous) Nagapattinam - 611 002	 University Nominee	 Subject Expert
 Subject Expert	 Industry Expert 02/03/2017	 Alumni
 Senior Faculty	 Senior Faculty	 Senior Faculty



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Action Taken for Board of Studies (BoS) Meeting

Department of Management Studies (Engineering Courses)

30.04.18

BOS Minutes	Action Taken
Total Quality Management It is insisted to check the Gas Dynamics in the list of references. Add the recent edition books in the syllabus and give preference to standard books.	The preference is given to the recent edition books and standard books in the syllabus.
Entrepreneurship Development It is suggested to add how to develop business plan in the syllabus and change the repetition of breakeven analysis which is given in the Industrial economics and ED syllabus. It is also suggested to include introduction to Export and Import business in the syllabus. Rearrange the reference books in the syllabus. Remove cash flow in the syllabus and add capital budgeting in the syllabus.	It is added how to develop business plan in the syllabus and changed the repetition of breakeven analysis which is given in the Industrial economics and ED syllabus. It is also included the introduction to Export and Import business in the syllabus.
General Management It is insisted to change the General Management Title as Fundamentals of Functional Management. Remove the cases in all units. Remove the factories act and add EHRM in the syllabus. Reframe the whole syllabus by incorporating all the five functional areas.	The General Management Title was changed as Fundamentals of Functional Management.
Industrial Economics It is suggested to remove "objectives and kind of organization" in Unit I and replace the opportunity cost from unit I to unit III. It is also suggested that reorder the capital budgeting. Title should be framed as "Market structure and Capital budgeting".	In Unit I objectives and kind of organization was removed. The opportunity cost is replaced from Unit I to Unit III. Title was reframed as "Market structure and Capital budgeting".
Principles of Management It is suggested to remove the content in Unit I from Business organization to current issues. Remove strategic management in unit II and remove the topics from HRM to Career planning. Include OCB in the syllabus. It is also suggested to change the course objectives two and three.	The content in Unit I from Business organization to current issues was removed from the syllabus. Also removed strategic management in unit II and include OCB in the syllabus.



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Human Rights Change the Unit II heading as Social and Economical impact in Human Rights. The fourth unit title should be changed as Environmental impact in Human Rights.	Unit II Heading was Changed as social and Economical impact in Human Rights.
Intellectual Property Rights It is suggested to revise the Unit III and add N.D.Kapoor Book in the syllabus	Unit III was revised and N.D.Kapoor Book added in the syllabus.
Disaster Management It is suggested to change the Unit IV as Unit V and Unit V as Unit IV. It is also suggested to change the disaster risk management in India as disaster risk management. It is suggested to include the importance of insurance management. It is suggested to change the course objectives in accordance with the course outcome in all courses. Rearrange the reference books in the order of recent international to regional publications. It is also suggested to remove website ids in all the syllabus.	Course Objectives and outcomes are changed according to the suggestion given by BOS members.
Apart from the above said suggestions, Marketing Management and HRM course may also be offered in engineering programme as Elective papers.	Marketing Management and HRM course syllabus is prepared and submitted to COE office as elective papers for Engineering programme.

[Handwritten Signature]
Director/MBA
CHAIRMAN

Board of Studies
Department of Management Studies
E.G.S. Pillay Engineering College (Autonomous)
Nagapattinam - 611 002



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

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Annexure - I

	E.G.S. PILLAY ENGINEERING COLLEGE (An Autonomous Institution, Affiliated to Anna University, Chennai) Nagapattinam, Nagapattinam - 611002, Tamilnadu.	
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Board of Studies Meeting

Attendance

Name of the Department : Management Studies
Meeting No : 02
Date & Time : 21-04-2018 & 10.00 A.M.
Venue : MIRA A/C Seminar Hall, PG Block.

Sl.No.	Name	Category	Signature
1	Dr. R. KARTHI	Chairman	
2	Dr. R. MAGESH	University Nominee	
3	Dr. N. THAMARAISELVAN	External Expert Members	
4	Dr. M. P. PANDIKUMAR		
5	Mr. J. SARATH CHANDAR	Industry / Corporate Sector	
6	Mr. S. SYED NASURDEEN MOULANA	Alumni	
7	Prof. B. ASHA DAISY	Internal Members	
8	Prof. P. VINOOTH		
9	Prof. P. BALAISHWARYA		
10	Prof. A. UMADEVI		


Chairman - BoS (MBA)
CHAIRMAN
Board of Studies
Department of Management Studies
E.G.S. Pillay Engineering College (Autonomous)
Nagapattinam - 611 002.



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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Management Studies
Names of the Programme	MBA
Meeting No.	02
Date & Time	21/04/2018 & 10.00 A.M.
Venue	SJ Block

The names of members present in the Board of Studies is given in Annexure – I

1. Chairman / BoS welcome all members for the 2nd meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS briefed the members about the Agenda.
 - To finalize the list of Management courses for Engineering programme.
 - To discuss the syllabus of Management courses for Engineering programme.
 - Any other matters.
4. The following are the suggestions given by the members of Board of Studies

The members of Board of Studies have gone through the list of syllabus of Management courses offered for Engineering programme.

Total Quality Management

It is insisted to check the Gas Dynamics in the list of references. Add the recent edition books in the syllabus and give preference to standard books.

Professional Ethics

It is suggested to remove website ids in the syllabus. Include the Individual responsibility in CSR under the head of Unit IV.



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Entrepreneurship Development

It is suggested to add how to develop business plan in the syllabus and change the repetition of break even analysis which is given in the Industrial economics and ED syllabus.

It is also suggested to include introduction to Export and Import business in the syllabus.

Rearrange the reference books in the syllabus. Remove cash flow in the syllabus and add capital budgeting in the syllabus.

General Management

It is insisted to change the General Management Title as Fundamentals of Functional Management. Remove the cases in all units. Remove the factories act and add FIRM in the syllabus. Reframe the whole syllabus by incorporating all the five functional areas.

Industrial Economics

It is suggested to remove "objectives and kind of organization" in Unit I and replace the opportunity cost from unit I to unit III. It is also suggested that reorder the capital budgeting. Title should be framed as "Market structure and Capital budgeting".

Principles of Management

It is suggested to remove the content in Unit I from Business organization to current issues. Remove strategic management in unit II and remove the topics from HRM to Career planning. Include OCB in the syllabus. It is also suggested to change the course objectives two and three.

Human Rights

Change the Unit II heading as Social and Economical impact in Human Rights. The fourth unit title should be changed as Environmental impact in Human Rights.

Intellectual Property Rights

It is suggested to revise the Unit III and add N.D.Kapoor book in the syllabus.

Disaster Management

It is suggested to change the Unit IV as Unit V and Unit V as Unit IV. It is also suggested to change the disaster risk management in India as disaster risk management. It is suggested to include the importance of insurance management.



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It is suggested to change the course objectives in accordance with the course outcome in all courses. Rearrange the reference books in the order of recent international in nature publications. It is also suggested to remove website ids in all the syllabus.

Apart from the above said suggestions, Marketing Management and HRM courses may also be offered in engineering programme as Elective papers.


5. The following resolutions were passed

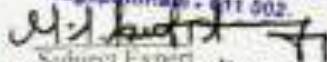
It is resolved to recommend the syllabi of Management courses for Engineering programme to the Academic Council for approval.

The Chairman, Board of Studies thanked all the members for their valuable suggestions and coordination.

Date: 21.04.2018

Place: Nagapattinam

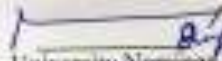

CHAIRMAN
Board of Studies
Department of Management Studies
E.G.S. Pillay Engineering College (Autonomous)
Nagapattinam - 611 002.



Subject Expert
Dr. M.P. Pandikumar



Senior Faculty

B. Asha Daisy

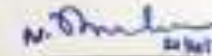

University Nominee 24/4/18
D.R. MAGESH


Industry Expert
[Signature]



Senior Faculty

P. RASASUJAYA


Subject Expert
Dr. N. THAMARASEKAR


Alumni
Sed. [Signature]



Senior Faculty

P. VICTORIA



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Board of BE – Master of Computer Applications




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	<p>E.G.S. PILLAY ENGINEERING COLLEGE (An Autonomous Institution, Affiliated to Anna University, Chennai) Nagore Post, Nagapattinam – 611 002, Tamilnadu. Department of Master of Computer Applications</p>	
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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Master of Computer Applications
Names of the Programmes	Master of Computer Applications
Meeting No	03
Date & Time	12.06.2020 , 03.30 PM
Venue	Online Meeting (Reports from BoS members obtained through email are analyzed and reviewed in detail)

The names of members present in the Board of Studies is given in Annexure – I

1. Chairman / BoS welcomed all members for the 3rd Meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Review of last BOS Meeting Minutes:
 - During the last BoS Meeting the curriculum and Syllabus of Regulation 2017 is finalized.
 - The effectiveness and outputs of the 2017 curriculum was analyzed in detail.
4. Chairman / BoS briefed the members about the Agenda
 - Discussion and suggestions invited on the newly framed Regulations, Curriculum and Syllabus for the 2020-21 Academic Batch of 2 years MCA Programme.



Dr. J. Vanitha

Chairman (BoS)



Dr. Michael Arock

Subject Expert



Mrs. C. Mallika

Senior Faculty



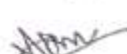
Dr. J. Shana

University Nominee



Mr. SS. Sathya Prakash

Industry Expert



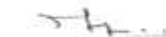
Mrs. A. Hema

Senior Faculty



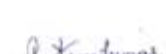
Dr. T. Ramkumar

Subject Expert



Mr. S. Saravanan

Alumni



P. Kumaresan

Senior Faculty



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5. The following are the suggestions given by the member of Board of Studies.

Dr. J. Shana (University Nominee) suggested the following.

- i. Since the focus of MCA programme is to build such skills that would enable the MCA graduates to develop software applications, Kindly design courses that would help in this. In this regard it suggested incorporating lab component wherever feasible. Operating system with hands-on lab in Linux and system programming would be better.
- ii. Since the course has been shrunk to 2 years even though there won't be too many slots to include all courses but we can free up slots by combining lab in theory wherever it is possible. Data mining lab can be put along with theory as we will be using only libraries to implement the mining algorithms.
- iii. Mobile application development lab can be a core as today all apps are mobile based.
- iv. It is suggested to include one information security paper as a core.
- v. Network lab is also missing though socket programming has been added in Java and web lab.
- vi. It is suggested to include advanced topics in all the theory papers as the majority of the subjects students would have already learnt unless we have more students from other backgrounds.
- vii. Kindly consider the latest edition of books for all the subjects.
- viii. OOAD concepts could be included in Software Engineering as one unit and free that slot.
- ix. Data Analytics paper has units which overlaps with Data mining paper. We can remove that and also add the lab component along with theory because this paper is more of practicals.

The list of electives can be extended so that students have more choi

Dr. J. Vanitha

Chairman (BoS)

Dr. Michael Arock

Subject Expert

Mrs. C. Mallika

Senior Faculty

Dr. J. Shana
University Nominee

Mr. SS. Sathya Prakash

Industry Expert

Mrs. A. Hema

Senior Faculty

Dr. T. Ramkumar

Subject Expert

Mr. S. Saravanan

Alumni

P. Karthikeyan

Senior Faculty



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- xi. New web programming technologies like nodeJS, Angular, ReactJS can be included in web programming lab.
- xii. In regulation if possible kindly mention the one credit and online courses should not be similar to one offered in PC or PE list.

Dr. T. Ramkumar (Subject Expert) suggested the following.

- i. The curriculum is well designed with immense care for a qualifying credit of 82.
- ii. Professional components such as Programme Core, Programme Elective, Value Added courses have been included with segmented focus.
- iii. 4th semester Master Thesis may be included in PC instead of EEC.
- iv. Since Cloud Computing course is allotted in Third Semester, Better to remove Internet of Things, Artificial Intelligence, Hadoop and NoSQL Databases from Elective - I (Second Semester Electives) and carry over to Elective - II (Third Semester Electives)
- v. Instead of above three, please keep Digital Image Processing, Software Quality Assurance, Professional Practice and Ethics in Elective - I from Elective - II.
- vi. DevOps can be included as one of the value added courses.
- vii. Pre-requisite information is missing in electives.
- viii. Mode of evaluation can be included in all the courses besides course objectives and course outcomes

Dr. Michael Arock (Subject Expert) suggested the following.

- i. In two places, in Mathematical Foundations and Data Structures and algorithms, Minimum spanning trees related algorithms are discussed.
- ii. Remove AVL tree from Data Structures and include latest tree (given in Cormen et al. latest edition).
- iii. Instead of Programming using C and C++, we can go for Python.

Dr. J. Vanitha

Chairman (BoS)

Subject Expert

Mrs. C. Mallika

Senior Faculty

Dr. J. Anana

University Nominee

Industry Expert

Mrs. A. Hema

Senior Faculty

Dr. T. Ramkumar

Subject Expert

Alumni

Senior Faculty

Senior Faculty



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- iv. In OS, we can include one unit for mobile OS.
- v. Instead of HR Management, we can go for Organizational Behavior and Personnel Management.
- vi. Instead of Website Development, we can have "Web Technology".
- vii. In electives, we have "Application Development". That can be "App Development" itself.
- viii. Verbal ability courses were found in two places.

Mr. Sathya Prakash SS (Industry Expert) suggested the following.

- i. Electives can be bundled as career oriented, this will be an eye opener and an exposure for the students to become a SME from internship.
- ii. The elective HRM can be replaced by newer management paper.
- iii. In the course, Distributed Systems and Cloud Computing emphasis should be given to AWS with regard to IaaS, SaaS and PaaS.
- iv. The courses can include topics related to IT Business fundamentals.
- v. An elective paper related to Technical Business Analyst job would be more benefit to the MCA Professionals.
- vi. The Operating System course should include topics related to Microsoft Windows, Apple MAC OS, Linux, Android and Apple's iOS.
- vii. The power of Microsoft Excel should be learned by the students and this can be included in appropriate course.
- viii. The internship should include live projects or outsourcing work experience.
- ix. The Business intelligence/Data Analytics should include text mining, optimization and Data visualization topics.
- x. The Business intelligence, ERP courses can be give as special electives.
- xi. The Internet of Things course should include topics related to Acquiring and sorting IoT Data, Reprocessing and transformations and Analytics for business insights
- xii. IOT frameworks and Sensors. Internships in IoT should be encouraged.


Dr. J. Vanitha

Chairman (BoS)


Dr. Michael Arock

Subject Expert


Mrs. C. Mallika

Senior Faculty


Dr. J. Shana

University Nominee


Mr. SS. Sathya Prakash

Industry Expert


Mrs. A. Hema

Senior Faculty


Dr. T. Ramkumar

Subject Expert


Mr. J. Jaganathan

Alumni


P. Krunal

Senior Faculty



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- iii. In Mobile Technologies course emphasis should be give on Android and iOS development, graphical representations and Application Program Interface (APIs)
- iv. Software testing course can be provided giving emphasis to automation test tools and selenium software.
- v. Special Electives related to IT infrastructure Management can be included.

Mr. S. Saravanan (Alumni Member) suggested the following.

- i. In Elective III group, ASP.NET and C#.NET Programming is Part of .NET Programming, we can combine these two courses into one course.
- ii. After combining the above courses into one course we can introduce "Mobile Development" course in Elective III group.

6. The following are the Suggestions for Improvement of Research Areas

It is suggested to add lab component for such courses which have industrial and research importance.

7. The following resolutions were passed

- It is resolved to recommend the newly framed 2020-21 regulations for MCA Programme to the Academic Council for Approval.
- It is resolved to recommend the newly framed 2020-21 curriculum and syllabi of 1st to 4th semester of two years MCA Programme to the Academic Council for approval.

The Chairman, Board of Studies thanked all the members for their valuable suggestions and Coordination.

Date: 12-06-2020

Place: Nagapattinam

Chairman (BoS)

Dr. Michael Arock

Subject Expert

Mrs. C. Mallika

Senior Faculty

Dr. J. Shana

University Nominee

Mr. SS. Sathya Prakash

Industry Expert

Mrs. A. Hema

Senior Faculty

Dr. T. Ramkumar

Mr. S. Saravanan

Alumni

Senior Faculty