



# **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](mailto:principal@egspec.org) website: [www.egspec.org](http://www.egspec.org) Ph: 04365-251112

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**Academic Year**  
**2021-2022**



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# **Minutes of Academic Council Meeting 2021-2022**



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# **Minutes of Board of Studies (2021-2022)**



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# **Board of BE – Biomedical Engineering**



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### Minutes of 3<sup>rd</sup> Board of Studies (BOS) Meeting

Name of the Department	Biomedical Engineering
Name of the Programme	B.E., Biomedical Engineering
Meeting No.	03
Date and Time	07.07.2022 & 04.30 PM
Venue / Platform	Google Meet App
Google Meet Link	<a href="https://meet.google.com/gwv-dexx-vag">https://meet.google.com/gwv-dexx-vag</a>
Google Meet App Moderator	Dr.R.Ganesan , Professor & Head (Biomedical Engineering)

The names of members with Designation.

S.No	NAME	DESIGNATION
1	Dr. Tamilselvan Jayavelu, Anna University	Assistant Professor, Department of Biotechnology Anna University Expert from Anna University
2	Dr. Kiran George, CIT Chennai	Associate Professor Department of Bio Medical Engineering Chennai Institute of Technology, Chennai.
3	Dr. P. Sinthia, SEC Chennai	Associate Professor Department of Bio Medical Engineering Saveetha Engineering College, Chennai.
4	Ms.T. Hemapreetha	Clinical Ultrasound Product Specialist BPL Medical Technologies, Cochin Company



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5	K.M.K.L. Nawasdeen	Parent
6	Dr. R. Ganesan	Prof. & chairman BOS/BME
7	Dr. A. Sundarraj	Associate Professor & HOD/BME
8	Dr. B. Prathis Raaja	Associate Professor/BME
9	Mr. K. Kalanithi	Assistant Professor/BME
10	Ms. T. Anusha	Assistant Professor/BME
11	Mrs. R. Kiruthiga	Assistant Professor/BME
12	Ms. K. K. Shanshosh shree	Assistant Professor/BME

BOS chairman welcomed all members for 3<sup>rd</sup> meeting of board of studies.

BOS Chairman briefed the members about the agenda

- To finalize the Second year, Third year and Final year (Third, Fourth, Fifth, Sixth, Seventh and Eighth) semester syllabi of B.E., Biomedical Engineering programme.
- To finalize the professional and open electives subjects.
- To finalise the list of equipment's required for all laboratories.
- Any other matters.

The following are the suggestions given by the member of Board of studies.

1. Have the level of syllabus 80 percentage similarity with Anna University syllabus.
2. To check with L T P C credit hours.
3. Elective papers can be added in Core papers.
4. Open electives choice can be given.
5. Are you giving Hospital Training?
6. Do you have the specialist to handle the tissue engineering subject?
7. In Radiology ultrasound Imaging can be included.
8. One Credit courses to be considered in next Regulation.



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### The following resolutions were passed

- It is resolved to recommend the curriculum, syllabus and list of equipments required for all laboratories of 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> & 8<sup>th</sup> semester of B.E. Biomedical Engineering Programme to Academic Council for approval.

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

Date: 07.07.22

Place: Nagapattinam

  
Chairman (2022)

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

  
Industry Expert

Subject Expert 1

  
Industry Expert



Parvitha





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Dr.R.Ganesan M.E.Ph.D

07.07.2022

Chairman –BoS (Biomedical Engineering)

To

All Board of studies Members  
Biomedical Engineering Department  
E.G.S.Pillay Engineering College

Dear Sirs,

Sub: Action taken based on 3rd BoS meeting - Reg:

Ref: Minutes of 3<sup>rd</sup> BoS meeting Dated 07.07.2022.

This is to inform to all BoS members that we have made all the corrections in curriculum and syllabus as per the suggestion given by all the members on the day of 3<sup>rd</sup> BOS meeting through Google meet and the following are the action taken based on the member's suggestion

Action Taken based on the 3<sup>rd</sup> Board of Studies (BOS) Meeting members suggestion.

1. Yes, We have the level of syllabus 80 percentage similarity with Anna University syllabus.
2. We checked and verified the L T P C credit hours.
3. Yes, Elective papers added in Core papers.
4. Yes, we have Open electives with choice based system.
5. Yes, we have arranged training the students to the Hospital.
6. We included the Radiology ultrasound Imaging.

I request you to kindly acknowledge the same.

Thanks and regards

Chairman (BoS)

CHAIRMAN

Board of Studies

Department of Biomedical Engineering

E.G.S. Pillay Engineering College, Chennai

Nagapattinam - 611 002



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





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**Department of Civil Engineering**  
**M.E. – Environmental Engineering**  
**Board of Studies (BoS) Members**  
**Meeting 6 (online) - 12.07.2021**

Sl.No.	Name	Category
1.	<b>Dr.R.SIVAKUMAR</b> Professor Department of Civil Engineering E.G.S.Pillay Engineering College Nagapattinam – 611002 E-mail: hodcivil@egspec.org Mobile: 9443533554	<b>Chairman</b>
2.	<b>Dr.MIBRAHIM BATHUSHA</b> Professor Department of Civil Engineering P.S.G.College of technology Coimbatore E-mail: mib@civ.psgtech.ac.in Mobile: 7339016337	<b>University Nominee</b>
3.	<b>Dr.V.ARUTCHELVAN</b> Professor & Head Department of civil engineering Annamalai university Chidambaran – 608 002 E-mail: arul.au@gmail.com Mobile: 9994773966	<b>External Expert Members</b>
4.	<b>Dr.K.MUTHUKKUMARAN</b> Professor Department of civil engineering NITT, Trichy. E-mail: kmk@nitt.edu Mobile: 9443651836	
5.	<b>Mr.J.RAGHURAMAN</b> Sr.Manager – Skills Training L&T Construction Skill Training Chennai Residence : Flat no 1D, Udaya Nagar Main Road Porur, Chennai- 600 116 E-mail: jrururaman@intecc.com Mobile: 9943247482	<b>Industry / Corporate Sector</b>



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6.	<b>Ms.G.Muthulakshmi</b> K.S.K.Engineering college Kumbakonam	<b>Alumnus</b>
7.	<b>Dr.S.ANAND KUMAR VARMA</b> Professor Head of the Dept E-mail: hodcivil@egspec.org Mobile: 9585971901	<b>Internal Members</b>
8.	<b>Mr.V.BALASUBRAMANI</b> Associate Professor E-mail: tvrvedha@gmail.com Mobile: 9443786514	
9.	<b>Mr.S.SHYAM SUNDAR</b> Assistant Professor E-mail: shyamegspec@gmail.com Mobile: 9159593377	
10.	<b>Mr.G.PRAKASH</b> Assistant Professor E-mail: pra.kv180@gmail.com Mobile: 9003950402	
11.	<b>Ms.N.KARTHIKA</b> Assistant Professor E-mail: nkarthika20@gmail.com Mobile: 8883628018	



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Nagore Post, Nagapattinam – 611 002, Tamil Nadu.

### Minutes of Board of Studies (BoS) Meeting

Name of the Department	Civil Engineering
Name of the Programmes	M.E. Environmental Engineering
Meeting No.	06
Date & Time	12.07.2021 & 12.15p.m.
Venue	Online Mode - Google Meet

1. Chairman / BoS welcomed all members for the 6<sup>th</sup> meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS review the contents of 5<sup>th</sup> BOS meeting.
4. Chairman / BoS briefed the members about the Agenda.

- To finalize the curriculum and syllabi of 1, 2, 3 and 4<sup>th</sup> Semester including laboratory equipment's and industry related courses in M.E. Environmental Engineering
- Other matters.

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

- Suggested that Environmental Microbiology and Environmental chemistry courses should be verified and strengthened and may be merged as one course so as to include one core course additionally.

Chairman (BoS) / Civil

University Member

Subject Expert

Subject Expert

Industry Expert

Alumni

Senior Faculty

Senior Faculty

Senior Faculty




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- The contents of soil chemistry and atmospheric chemistry may be removed.
- Climate change and modeling should be included in Professional core courses.
- Remove Transportation of water and wastewater from elective course and merge its content with Principles and Design of Physico-chemical treatment system & biological treatment system courses.
- WTP and STP designs should be strengthened for employment purpose.
- Remote Sensing and GIS Applications in Environmental Management should be included in Elective course.
- Suggested that include introduction of software related topics in Statistics for Environmental Engineering.
- Resource and Energy Recovery from Waste course may also be offered as open elective.
- It is suggested that instead of Units, Modules are used in all syllabus.
- The portions like hazardous Acts, Noise pollution Acts are to be included in open elective course Environmental policies and legislation.

  
Chairman – BOS / Civil  
(Dr. RAJAN)  
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.

University Nominee

  
Industry Expert

Subject Expert

  
Alumni

  
Senior Faculty

  
Senior Faculty

  
Senior Faculty

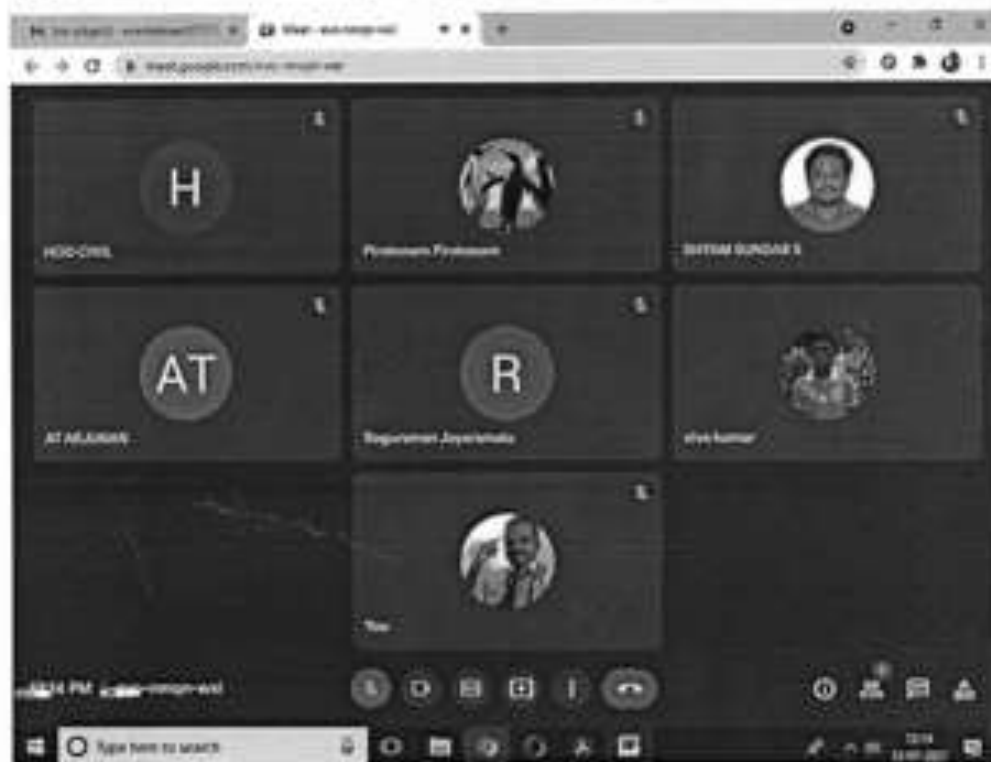


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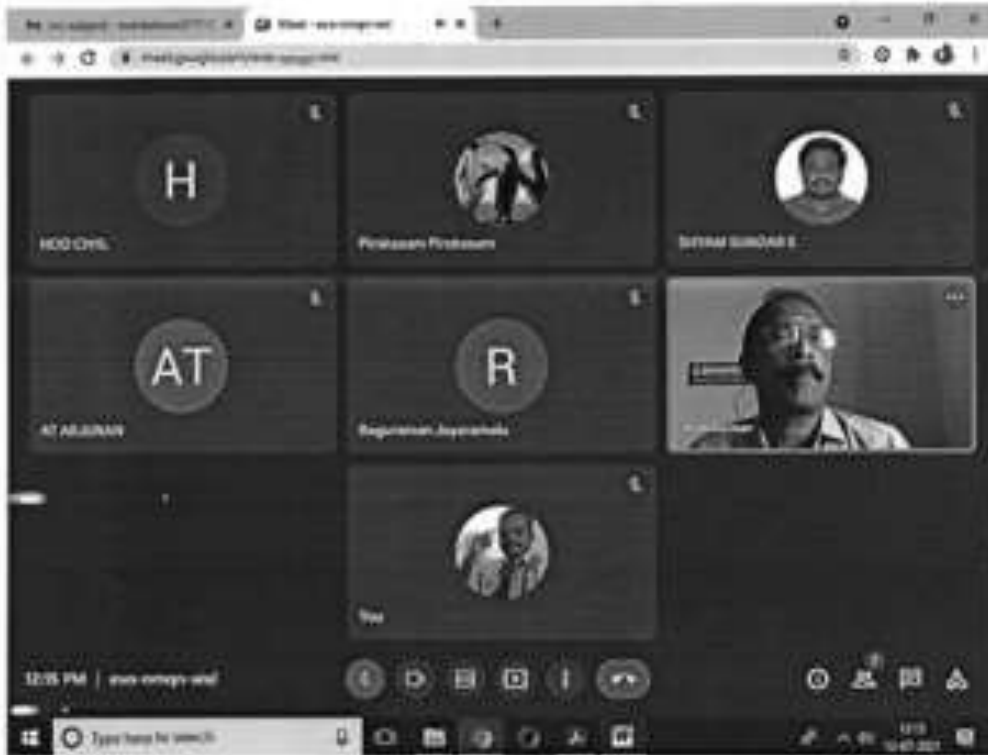


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## Board of Studies Meeting

### Attendance

**Name of the Department** : Civil Engineering  
**Meeting No** : 06  
**Date & Time** : 12/07/2021 & 11 A.M  
**Venue** : Online Mode - Google Meets Room

S.No.	Name	Category	Signature
1	<b>Dr.R.SIVAKUMAR</b> Professor Department of Civil Engineering E.G.S.Pillay Engineering College Nagapattinam – 611 002 E-mail: hodcivil@egspec.org Mobile: 9443533554	<b>Chairman</b>	 <b>CHAIRMAN</b> Board of Studies Department of Civil Engineering E.G.S. Pillay Engineering College (Autonomous) Nagapattinam.
2	<b>Dr.M.IBRAHIM BATHUSHA</b> Professor Department of Civil Engineering P.S.G.College of technology Coimbatore E-mail: mib@civ.psgtech.ac.in Mobile: 7339016337	<b>University Nominee</b>	
3	<b>Dr.V.ARUTHELVAN</b> Professor & Head Department of civil engineering Annamalai university Chidambaram – 608 002 E-mail: arul.as@gmail.com Mobile: 9994773966	<b>External Expert Members</b>	



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Sl.No.	Name	Category	Signature
4	<b>Dr.K.MUTHUKUMARAN</b> Professor Department of civil engineering NITT, Trichy, E-mail: kmk@nitt.edu Mobile: 9443651836	External Expert Members	
5	<b>Mr.J.RAGHURAMAN</b> Sr.Manager - Skills Training L&T Construction Skill Training, Chennai E-mail: jraraman@intecc.com Mobile: 9943247482	Industry / Corporate Sector	
6	<b>Ms.G.Muthulakshmi</b> K.S.K.Engineering college Kumbakonam	Alumnus	
7	<b>Dr.S.ANAND KUMAR VARMA</b> Professor Head of the Dept E-mail: hodcivil@egspec.org Mobile: 9585971901	Internal Members	
8	<b>Mr.V.BALASUBRAMANI</b> Associate Professor E-mail: tvrvedba@gmail.com Mobile: 9443786514		
9	<b>Mr.S.SHYAM SUNDAR</b> Assistant Professor E-mail: shyamegspec@gmail.com Mobile: 9159593377		
10	<b>Mr.G.PRAKASH</b> Assistant Professor E-mail: pra.kv180@gmail.com Mobile: 9003950402		
11	<b>Ms.N.KARTHIKA</b> Assistant Professor E-mail: nkarthika20@gmail.com Mobile: 8883628018		

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



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

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



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Nagore Post, Nagapattinam – 611 002, Tamilnadu.

## 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.	01
Date & Time	08.07.2017 & 10.00 A.M.
Venue	CSE A/C Seminar Hall (S3B 108)

1. Chairman / BoS welcomed all members for the 1<sup>st</sup> meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS briefed the members about the Agenda.
  - To finalize the curriculum and syllabi of first and second semester B.E. CSE Programme and curriculum of 1<sup>st</sup> to 4<sup>th</sup> Semesters and syllabi of first and second semester M.E. CSE Programme.
  - To finalize the curriculum of 3<sup>rd</sup> - 8<sup>th</sup> Semester B.E. CSE.
  - To discuss the question paper pattern for UG/PG Programme and Evaluation methodologies.
  - Any other matters.
4. 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 first and second semester B.E. CSE and M.E. CSE programmes.
  - The Board of Studies Chairman gave a brief presentation on Vision and Mission of the Institution and the Department, PIOs, POs and the PSOs.
  - The feedback from the stakeholders of Employers, Faculty member, Alumnus, Parents, Students and other institution senior faculty members, internal senior faculty members and students and the corresponding resolutions made in the department level academic activities committee meetings discussion were presented by the Chairman of the Board.



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Nagapattinam, Nagapattinam - 611 002, Tamilnadu.

- In the Department level academic meeting, it is suggested to include the important courses related to improve the skills like programming courses and the curriculum designed as per the local needs of the society and the peoples requirements.
- The Board of Studies Chairman agreed to offer those courses and the same accepted by the board.
- Students are encouraged to complete NPTEL Courses during the 3<sup>rd</sup> or 4<sup>th</sup> year.
- Students are instructed to use the modern tools, interdisciplinary and latest technology in the mini project and doing final year project.
- The Board of Studies members have gone through the curriculum of 3<sup>rd</sup> & 4<sup>th</sup> Semester of B.E. CSE and 3<sup>rd</sup> and 4<sup>th</sup> Semesters of M.E. CSE programmes.
- The Anna University Nominee suggested that all the mandatory courses include in the curriculum with the reference of UGC guidelines.
- Discussed about the Curriculum considering the guidelines of UGC, AICTE, Premier Institutions, PEOs, POs and PSOs of the program and the views of the stakeholders.
- It is recommended to put a total number of credits for B.E. CSE programme should be within 184 and for lateral entry students should be within 140.
- **For B.E. CSE – Undergraduate Programme**
  - The Curriculum and Syllabi framed as per the Guidelines of UGC/AICTE/University/Reputed Institutions/Professional Society/Local needs and the feedback received from the stakeholders.
  - Tutorial hours should be added for Mathematics courses.
  - Latest versions of five references books are suggested.
  - Subjects regarding the preparation for industry readiness and GATE may be included.
  - Data Structures Lab is mandatory in the respective semester of the courses.
  - Digital System and Digital Lab should be combined as Theory with Lab Component.
  - Operating System should be moved to Semester III from Semester IV.
  - Computer Networks and Database Management System moved to Semester IV from Semester III.



# 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

## E.G.S. PILLAY ENGINEERING COLLEGE

An Autonomous Institution Affiliated to Anna University, Chennai,  
Nagapattinam - 611 002, Tamilnadu.

- Distributed System or Distributed Computing is mandatory in either Semester V or Semester VI
- Graph Theory can be removed since it is relevant to Discrete Mathematics
- Compiler Design can be moved to elective list
- System Software can be removed
- It is recommended to include Open Source Programming, Service Oriented Architecture, Deep Learning, Data Centre Virtualization, Internet of Things in the Programme Elective
- It is recommended to include Artificial Intelligence as open elective

### • For M.E. CSE PG Programmes

- Generally in all the subjects include specific Case studies.
- Include Internet of Things as Core subject
- Instead of Computer Networks lab, the Operating System Design Case Studies may be included
- Further reading is needed in all the courses
- Simulator or tools can be added in all the lab courses
- Latest versions of references books are suggested
- Machine Learning Technique courses should be added in First or Semester

### • General

- The attainment level of Course Outcomes(COs), Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) discussed
- It is suggested to offer Value Added Courses and One Credit Courses
- Discussed about Students Undertaking internship, field projects, projects related
- Discussed about the Employability Courses, Entrepreneurship and Skill development Courses were suggested by the Stakeholders.
- Discussed the Course outcomes and Program Specific Outcomes related for each courses



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## E.G.S. PILLAY ENGINEERING COLLEGE

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Nagapattinam - 611 002, Tamil Nadu

### • Question Paper Pattern

#### o UG / PG Programme

Part A – 10x2 = 20 Marks

Part B – 5x12 = 60 Marks (Either-or)

Part C – 1x20 = 20 Marks (Either or)

Total Marks = 100 Marks, Duration = 3 hours

#### o Evaluation Methods

##### Theory

Continuous Assessment = 40%

Semester Examination = 60%

##### Practical

Continuous Assessment = 30%

Semester Examination = 50%

- The accepted PSCs are shown below for approval of Academic Council.

**PSO 1:** The ability to apply software engineering principles and practices to design and develop software systems that meet the automation needs of industrial and societal problems

**PSO 2:** The ability to apply their technical skills and knowledge gained in the fields such as Artificial Intelligence, Data Science, Cloud Computing, Social Network Analysis and Mobile Application development

### 5. The following resolutions were passed

- It is resolved to recommend the curriculum and syllabi of first and second semester of B.E CSE and M.E CSE Programmes to the academic Council for approval.
- It is resolved to recommend the curriculum the curriculum of 3<sup>rd</sup> – 8<sup>th</sup> semester B.E CSE and 3<sup>rd</sup> & 4<sup>th</sup> semester M.E programmes to the academic council for approval.
- It is resolved to recommend the question paper pattern UG/PG programmes and evaluation methodology for approval

The chairman, Board of studies thanked all the members for their valuable suggestions and coordination.

Date: 08.07.2017

Place: Nagapattinam

*M. S. S.*  
Chairman – BeS (CSE)

**CHAIRMAN**

**Board of Studies**

**Department of Computer Science &  
Engineering**

**EGS Pillay Engineering College (Autonomous)  
Nagapattinam.**



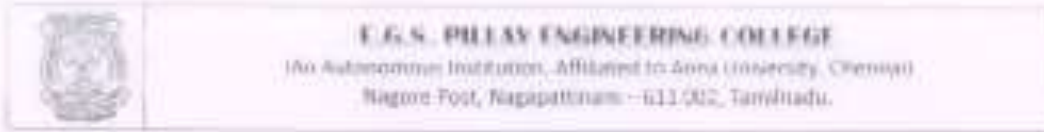
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Annexure- I



## Board of Studies Meeting

### Attendance

Name of the Department : Computer Science and Engineering  
Meeting No. : 01  
Date & Time : 08.07.2017 & 10.00 A.M.  
Venue : CSE A/C Seminar Hall

S.No	Name	Category	Signature
1	Dr.M.CHINNADURAI	Chairman	
2	Dr.S.MERCY SHALINIE	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	Prof.N.MURALI		
12	Prof.K.BALASUBRAMANIAN		

Chairman, BoS (CSE)

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





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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.	02
Date & Time	21.04.2018 & 09.30 A.M
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 2<sup>nd</sup> 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
  - To finalize the syllabi of B.E. CSE Programme from third to eight semesters and M.E. CSE Programme from third to fourth semester.
  - Any other matters.
4. The following are the suggestions given by the member of Board of Studies.
  - The Board of Studies members have gone through the syllabi of 3<sup>rd</sup> to 8<sup>th</sup> Semester B.E. CSE and 3<sup>rd</sup> to 4<sup>th</sup> Semester of M.E. CSE programmes.
    - For B.E. CSE – Undergraduate Programme
      - o As per the approval of 1<sup>st</sup> Academic Council meeting, it is ensured for assessment to go for 50-50 for practical and 40-60 for theory courses.
      - o It is to be ensured to have the method to calculate the GPA/CGPA.
      - o It is to be ensured to go for 50-50 instead of 40-60 in Internal: External Calculation for theory cum laboratory courses.
      - o It is recommended to bring forth the Life Skills, Soft Skills, English Communication and other relevant courses related to placement and to complete them by seventh semester.
      - o It is recommended to bring Programming Paradigms to Fourth Semester while COA to Third Semester and Computer Networks shall be pushed to next semester.



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## E.G.S. PILLAY ENGINEERING COLLEGE

- It is recommended to bring courses such as Mobile Computing and Ad-hoc Networks to electives.
- It is recommended not to include any core courses in the eight semesters.
- It is recommended to offer one mini project by sixth semester.
- It is recommended to introduce comprehensive viva by Seventh Semester which facilitates the competitive examination.
- It is recommended to offer Data Mining and Data Warehousing as a professional elective.
- It is recommended to mandate industrial visit and internship by the end of third year.
- It is necessary to include latest edition of reference books.
- Life Skills can be given with credits.
- Each semester may be given with the average of 24 credits.
- For lateral entry students must include additionally Environmental Studies in 4<sup>th</sup> Semester.
- All the laboratory courses have to include additional experiments or innovative experiments if needed.

### • For M.E. CSE Post Graduate Programme

- Project Phase 1 may be given for industrial exposures.
- It is ensure to publish the journal as project done by the students.
- It is recommended to include more innovative experiments in the laboratory courses.
- It is recommended to visit the industries atleast in the final year and submit the report to the department.
- It is recommended to add the Research Methodology course in the open elective.
- The board members are insist to participate in the Conferences once in a year.

### • General

- All the courses are recommended to include the course outcomes as discussed and approved in this BOS meeting.
- Further reading can be added.
- It is necessary to provide credit split up with allotted credits for HSS, BS, PC and PE courses in this regulation.
- It is recommended to offer Value added courses and one credit courses.



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Nagar - Pottu, Nagapattinam - 611 002, Tamilnadu

### The following resolution was passed:

It is resolved to recommend the continuation and syllabi of third to eighth semesters of B.E CSE and third to fourth semester of M.E CSE Programmes to the Academic Council for approval.

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

Date: 21.4.18

Place: Nagapattinam

Chairman (BOS)

University Nominee

Subject Expert

Subject Expert

Industry Expert

Alumni

Senior Faculty

Senior Faculty

Senior Faculty



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E.G.S. PILLAY ENGINEERING COLLEGE  
An Autonomous Institution, Affiliated to Anna University, Chennai  
Nagapattinam - 611 002, Tamil Nadu.



## 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.	04
Date & Time	18.05.2019 & 10.30 AM
Venue	CSE A/C Seminar Hall (SJB 108)

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

1. Chairman / BoS welcomed all members for the 4<sup>th</sup> 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
  - To finalize the curriculum and syllabi of B.E. CSE Programme under new regulations 2019 and to review the implementation of M.E. CSE Programme
  - Any other matters.
4. The following are the suggestions given by the member of Board of Studies.
  - The Board of Studies members have gone through the curriculum of B.E. CSE from 1<sup>st</sup> to 8<sup>th</sup> Semesters and Syllabi of B.E. CSE from 1<sup>st</sup> to 4<sup>th</sup> Semester Courses
  - The curriculum and syllabi framed as per the AICTE model curriculum
  - Board of Studies members accepted the implementation of AICTE model curriculum, other reputed institutions and Program Specific Criteria CSE R2017, CSE curriculum for drafting the R2019 curriculum
  - The Board is insisted to include the contents in the syllabus of R2019 by referring GATE Syllabus
  - The feedback from the stakeholders viz. employers, alumni, faculty from other institutions, parent, internal faculty and students and the corresponding resolutions made in the Programme Assessment Committee (PAC) meeting were presented by the Chairman of the Board. The BOS resolved to accept the PAC resolution.



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• In the meetings, which were held on 17th and 18th Feb 2020, the Board of Studies discussed the proposed Regulation R2019 and the Board of Studies resolved to accept the same as a full-time course.

- 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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- The Board discussed the stakeholders feedback regarding the curriculum and syllabus under R2019 regulation.
- The B.E. CSE implementation of curriculum and syllabus was discussed.

**Resolutions:**

It was resolved to incorporate the suggestions given by the BOS members towards the new regulations R2019 curriculum and syllabi (1<sup>st</sup> to 4<sup>th</sup> 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 (1<sup>st</sup> to 4<sup>th</sup> Semester) for the Computer Science and Engineering Board.

Date: 18.05.2019  
Place: Nagapattinam

*M. G. S. Pillay*  
18/05/2019  
Chairman - BOS (CSE)

**CHAIRMAN**  
**Board of Studies**  
**Department of Computer Science & Engineering**  
**EGS Pillay Engineering College (Autonomous)**  
**Nagapattinam.**



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Annexure - F



## 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.MCHINNADURAI	Chairman	<i>M. Chinnadurai</i>
2	Dr.S.MERCY SHALINIE	University Nominee	<i>S.M. Shalinie</i>
3	Dr.A.AMUTHAN	External Expert Members	<i>A. Amuthan</i>
4	Dr.G.R.KARPAGAM		<i>G.R. Karpagam</i>
5	Dr.MARAMUDHAN		<i>M. Maramudhan</i>
6	Mr.J.SARATH CHANDAR	Industry/ Corporate Sector	<i>J. Sarath Chandar</i>
7	Mr.ANAND THIAGARAJAN		<i>A. Anand Thiagarajan</i>
8	Ms.MERCY MARIA	Alumnus	<i>Mercy Maria</i>
9	Mr.S.P.GOPLAN		<i>S.P. Goplan</i>
10	Dr.T.GANESAN	Internal Member	<i>T. Ganesan</i>
11	Dr.N.MURALI		<i>N. Murali</i>
12	Dr.R.MANIVANNAN		<i>R. Manivannan</i>
13	Prof.K.KALAIVANI		<i>K. Kalavani</i>
14	Prof.K.BALASUBRAMANIAN		<i>K. Balasubramanian</i>

*M. Chinnadurai*  
Chairman - BOTS (CSE)  
CHAIRMAN

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

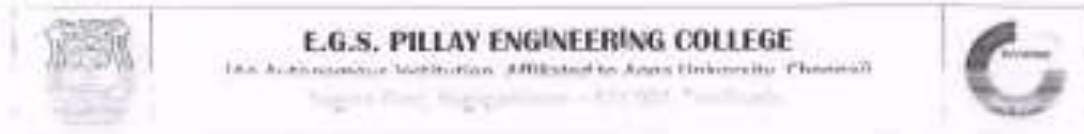


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## Minutes of Board of Studies (BoS) Meeting

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	05
Date & Time	08.06.2020 & 10.00 AM
Venue	Online: Google Meet <a href="https://meet.google.com/uky-cmzt-wyz">https://meet.google.com/uky-cmzt-wyz</a>

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

1. Chairman / BoS welcomed all members for the 5<sup>th</sup> 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
  - Discussion of the implementation of R2017 and R2019 B.E. CSE syllabus and review of M.E. CSE Programme
  - Any other matters.
4. The following are the suggestions given by the member of Board of Studies
  - The Board of Studies members have gone through the curriculum and Syllabus of last meeting discussed and reviews the process of implementation of academic regulations.
  - Mapping of Course Outcomes and Program Outcomes were discussed with a sample course file.
  - Python programming can be given as Diploma Course for the CSE Students.
  - It is recommended to visit the industries by the students and the report has to be submitted to the department and based on that report the credit can be assigned.
  - The credit may be given to Inplant and Industrial training.





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- It is recommended to split the Mini project into two different semesters.
- exemption of one equivalent course may be approved by the Academic Council.
- Big Data Analytics and Data Centre may be added in the elective course to fulfill the Program Specific Criteria of some levels.
- It is recommended to split the Mini project into two different semesters.

o **Resolutions:**

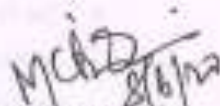
It was resolved to incorporate the suggestions given by the BOS members towards the review and implementation of regulations 2019 curriculum and syllabi (1<sup>st</sup> to 4<sup>th</sup> Semester) for B.E. CSE Programme and discussed about M.E. CSE review the implementation.

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 (1<sup>st</sup> to 4<sup>th</sup> Semester) and M.E. CSE for the Computer Science and Engineering Board.

Date: 08.06.2020

Place: Nagapattinam

  
Chairman -BoS (CSE)

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

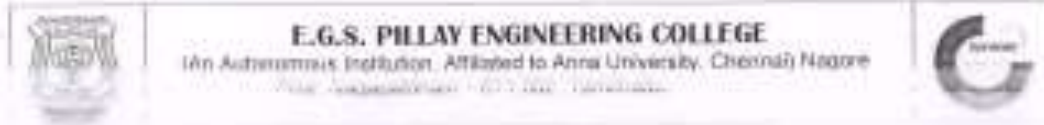


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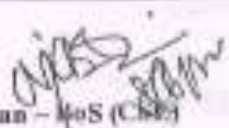
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## Board of Studies (BoS) Meeting

Name of the Department: Computer Science and Engineering  
Meeting No.: 5  
Date & Time: 08.08.2020, 10.00 A.M  
Venue: Online Platform - Google Meet

S.No.	Name	Category
1	Dr. M. CHINNADURAI	Chairman
2	Dr. S. MARY SAIRA BHANU	University Representative
3	Dr. A. AMUTHAN	External Expert Members
4	Dr. M. ARAMUDHAN	
5	Mr. U. CHANDRASEKAR	Industry / Corporate Sector
6	Ms. MERCY MARIA	Alumnus
7	Mr. P. HARIHARAN	
8	Dr. T. GANESAN	Internal Members
9	Dr. J. MANIVANNAN	
10	Dr. N. MURALI	
11	Prof. K. KALAIYANI	
11	Prof. K. BALASUBRAMANIAN	
12	Prof. G. ARUL SELVAN	

  
Chairman - BoS (CS&E)

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



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## Sample Screenshots:





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**Board of BE – Electronics  
and Communication  
Engineering  
Board of ME –  
Communication Systems**



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

### Minutes of Board of Studies (BoS) Meeting


Name of the Department	Electronics and Communication Engineering
Name of the Programmes	B.E. Electronics and Communication Engineering M.E. Communication Systems
Meeting No.	06
Date & Time	09.07.2021 & 03:15 P.M.
Venue	Google Meet ( Online)

1. Chairman / BoS welcomed all members for the 6<sup>th</sup> meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS review the contents of 5<sup>th</sup> BOS meeting.
4. Chairman / BoS briefed the members about the Agenda.
  - To finalize the curriculum and syllabi of B.E- ECE and M.E. Communication systems.
  - Vision, Mission, PEOs and PSOs are discussed and finalized.
  - Any other matters.
5. The following are the suggestions given by the External expert members of Board of Studies:  
For M.E. Communication System
  - Category of Elective to be included in Curriculum.
  - If Audit course reflected in mark sheet means, two levels of result is required, to know whether they completed or not. Otherwise it is not necessary.
  - Mini project is not mandatory in Second semester. Otherwise, it should be in the level upto preparing literature survey.
  - In Semester 1, Probability stochastic process topic is to be included in Mathematics course.
  - Pattern recognition and VLSI based subject may be included as one of the elective course.
  - In communication system lab, experiments to be done in both mode, i.e. simulation and Hardware.
  - In second semester instead of mini project, laboratory course may be included like Communication system modelling and simulation.

  
BOS-Chairman  
(Dr. B. Padmanabha  
Prof & Head/ECE/  
EGSPEC)


  
University Nominat  
(Dr. E.S. Gopi, ASP/ECE  
NIT-Trichy)


  
Subject Expert 1  
(Dr. N.R. Balasubramanian  
ASPECE,  
TCE, Madurai)

  
Subject Expert 2  
(Dr. R. Ramesh,  
Prof-EEE  
SASTRA, Thanjavur)

  
Industrial Expert  
(Mr. S. Ajith yeha  
Senior engineer, National  
Technology center for  
ports waterways  
, IIT Madras, Chennai)

  
Alumni  
(Mr. R. Srikanth,  
Cloud Admin Support  
Accenture, Chennai)

  
Senior Faculty 1  
(Dr. A. Sundar Raj,  
ASPECE/EGSPEC)

  
Senior Faculty 2  
(Dr. D. Divarajan,  
APECE/EGSPEC)



# 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

	<b>E.G.S. PILLAY ENGINEERING COLLEGE</b> (An Autonomous Institution, Affiliated to Anna University, Chennai) Nagore Post, Nagapattinam – 611 002, Tamil Nadu.	
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Academic Year 2020 - 2021 Date: 09.07.2021

Department of ECE

Board of Studies Meeting - Attendance – (Online Mode)

SLNo.	Name	Category
1.	<b>Dr.B.Padmanaban</b> Professor & Hnd, Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID: hodce@egspec.org Mobile Number: 9994163733	Chairman
2.	<b>Dr. E.S.Gopi</b> Associate Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Tiruchirappalli -620015 E-mail:esgopi@nitt.edu	University Nominee
3.	<b>Dr.N.B.Balamurugan</b> Associate Professor, Department of Electronics and Communication Engineering, Thiagarajar College of Engineering Thiruparankundram, Madurai 625015 nbbalamurugan@tce.edu	External Subject Expert Members
4.	<b>Dr.R.Ramesh</b> Professor, School of Electrical and Electronics Engineering, SASTRA University, Thanjavur. Email ID:rramesh@ece.sastra.edu Mobile Number : 9944062307	
5.	<b>Mr.S.AjithSelvaVigneswaran,</b> Senior engineer, National Technology center for ports waterways, IIT Madras, Chennai, Email ID:ajith@ntcpwc.iitm.ac.in Mobile Number : 8870934327	Industry / Corporate Sector
6.	<b>Mr.R.Seiram</b> Programmer Analyst, Cognizant Technology Solutions, Chennai Email ID:rmviram1645@gmail.com Mobile Number : 9047150446	Alumni
7.	<b>Mr.V.Vijay</b> Senior Testing Engineer (R&D), Akas Medical Equipments Ltd, Chennai	

**CHAIRMAN**

**Board of Studies**

Department of Electronic &  
Communication Engineering

E.G.S Pillay Engineering College (Autonomous)

Nagapattinam



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	Email ID :svijay.veeramani@gmail.com Mobile Number :9487845449	
8.	<b>Dr.A.Sundar Raj</b> 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.	<b>Dr. M. Irshad Ahmed</b> Asst. Professor Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID:devarajan@egspec.org Mobile:9894055342	
10.	<b>Dr. D.Devarajan</b> Asst. Professor Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID:devarajan@egspec.org Mobile:9894055342	Internal Members
11.	<b>Mrs.R.S.Koteeshwari</b> Associate Professor , Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID: eshwari.kote5@gmail.com Mobile:7904338947	
12.	<b>Mrs. V.Elavarasi</b> Asst.Professor Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID: sudhanmathi@gmail.com Mobile:9943397484	Internal Members
13.	<b>Mr. M.Nuthal Srinivasan</b> Asst. Professor Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID:nuthal4u@gmail.com Mobile:9597077499	
14.	<b>Mrs. S.Chitra</b> Asst.Professor Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID: chithrapriyadharsini@gmail.com Mobile:9487485874	

CHAIRMAN  
Board of Studies  
Department of Electronic &  
Communication Engineering

(Signature)



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15.	Mr. S. Jim Hawkinson Asst. Professor Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID: jimhawkinson@egspec.org, Mobile: 7358591939	Internal Members
16.	Mr. S.K. Pragadesh Asst. Professor Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID: skpragadesh@gmail.com Mobile: 9843356131	

  
**CHAIRMAN**  
**Board of Studies**  
**Department of Electronic &**  
**Communication Engineering**  
**EGS Pillay Engineering College (Autonomous)**  
**Nagapattinam.**





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**Board of BE –  
Electrical and Electronics  
Engineering  
Board of ME –  
Power Electronics and  
Drives**



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## Board of Studies (BoS) Members

Sl.No.	Name	Category
1	<b>Dr. V. MOHAN</b> Professor & Head Electrical and Electronics Engineering E.G.S. Pillay Engineering College Nagore Post, Nagapattinam - 611002 E-mail: mohan@egspec.org Mobile: 9942986674 Phone: 04365-251114	<b>Chairman</b>
2	<b>Dr.V.SANKARANARAYANAN</b> Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli, Tamil Nadu, Mobile: 9487627002 Phone : 0431 - 250 3268 Email : sankariitb@gmail.com	<b>University Nominee</b>
3	<b>Dr.C.SREEKANTH</b> Principal, College of Engineering Muttathara, CAPE-Govt. of Kerala, St.Sebastin Church Road, Vallakadavu P.O -695008,Thiruvananthapuram, Kerala. Mobile: 9994174075 Email: srikanthenair@gmail.com	<b>External Subject Expert Members</b>
4	<b>Dr. S. JEEVANANTHAN</b> Professor, Department of Electrical and Electronics Engineering, Puducherry Technological University, (Formerly Pondicherry Engineering College) Puducherry-605014 E-mail: drsj_eee@pec.edu Mobile:9443493599 Phone:0413-2655281-288	



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Sl.No.	Name	Category
5	<b>Mr. VISWESWARAN JAGADEESAN</b> Country Manager – Academic Programs, ARK Info Solutions Pvt. Ltd, Bengaluru. Mobile: 99860 28517 Email ID: visweswaran.jagadeesan@ni.com	<b>Industry / Corporate Sector</b>
6	<b>Mr. B.VINOTH</b> Area Manager, Principle ACS Engineering India Pvt. Ltd., Hyderabad. Phone no: 9994199854 Email id: vinoth.b@principleacs.com	<b>Alumnus</b>
7	<b>Dr. T. SURESH PADMANABHAN</b> Professor/EEE, E.G.S. Pillay Engineering College E-mail: drtsp@egspec.org Mobile: 9444025552 Phone: 04365-251114	<b>Internal Members</b>
8	<b>Mr. R. ANANDARAJ</b> Associate Professor/EEE, E.G.S. Pillay Engineering College E-mail: anandraj.r@egspec.org Mobile:9443526230 Phone: 04365-251114	
9	<b>Mr. K. KRISHNARAM</b> Assistant Professor/EEE, E.G.S. Pillay Engineering College E-mail: krishnaram@egspec.org Mobile: 9486209791 Phone: 04365-251114	
10	<b>Mr. B. NAVEEN ANTONY</b> Assistant Professor/EEE, E.G.S. Pillay Engineering College E-mail: naveenjosh839@gmail.com Mobile:7598690231 Phone: 04365-251114	



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NAGAPATTINAM – 611 002

### Department of Electrical and Electronics Engineering

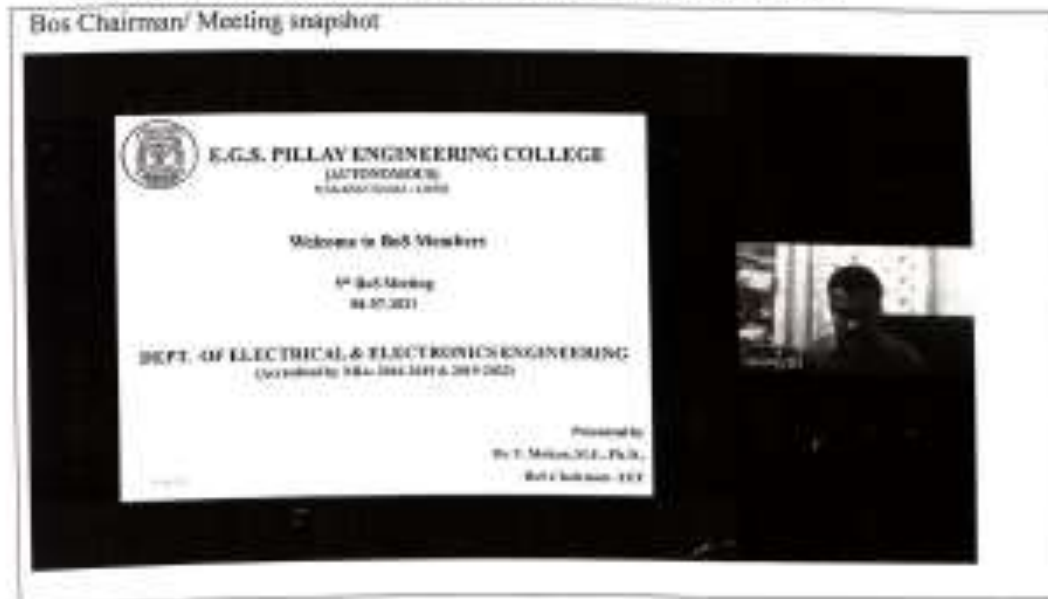
#### Minutes of Board of Studies (BoS) Meeting

Name of the Department	Electrical and Electronics Engineering
Names of the Programme	B.E. Electrical and Electronics Engineering
Meeting No.	05
Date & Time	08.07.2021 & 10.00 A.M.
Venue/Platform	Google Meet ( Online mode)

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

1. Dr.V.Mohan, Professor & Head/EEE welcomed all the members for the 5<sup>th</sup> meeting of Board of Studies and mentioned about members from different states of south India.

BoS Chairman/ Meeting snapshot





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

- Discussion and action taken about previous BoS Meeting.
- Department profile
- Dissemination of department vision, mission, PECs and PSCs
- Briefing of AICTE Model Curriculum -2018 to all members.
- Briefing of UG Regulations 2019, PG Regulations 2021, course categories and credits.
- To finalize the syllabus of the courses of III year fifth and sixth semester B.E-Electrical and Electronics Engineering Programme.
- To finalize the curriculum and syllabus of the courses of M.E-Power Electronics and Drives Programme.

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

- BoS members have appreciated the initiatives taken by the department to conduct the online meeting during COVID19 pandemic situation.
- The Board of Studies members have gone through the curriculum and syllabi of B.E-Electrical and Electronics Engineering (R2019), M.E-Power Electronics and Drives (R2021) programs and suggested the following.

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

- Subject experts have gone through details of courses, credits and then suggested/commented the following
- Anna University nominee clarified about problem oriented/analytic subjects and their credits in B.E-EEE courses.
- It is recommended to swap the Basic Civil and Mechanical Engineering (Fifth semester) and Object Oriented Programming theory and laboratory (Third semester) courses for 2020 admitted students and thereof.

### V Semester:

- The following suggestions are given in "Measurement and Instrumentation" course:
  - (i) In Module-I, subject expert member suggested to change "Errors" into "Errors- types, measurements, remedial methods, numerical problems"
  - (ii) Subject expert member also suggested to add "National and international standards" in module-I
  - (iii) It is also suggested to add "Extension of range" in third line of module-II and "phase sequence indicators, power factor meters" in the last line.
  - (iv) Subject expert member suggested to change Module-III title as "COMPARISON TYPE MEASURING INSTRUMENTS"
  - (v) It is suggested to add "Principle of comparison type instruments" in first line of module-III.



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- (vi) It is suggested to add "Interpretation of datasheet of commercially available storage and display devices" in last line of module-IV.
- (vii) It is suggested to add "Case study" in Elements of data acquisition system.
- (viii) It is suggested to add "Interpretation of datasheet of commercially available transducers and DAS" in last line of module-V.

- The following suggestions are given in "LINEAR CONTROL SYSTEMS" course:

- (i) University nominee has suggested to change Module-V title as "DESIGN OF COMPENSATORS AND CONTROLLERS"
- (ii) He has suggested to change/add module-V content as "Compensators - Lag, lead and lag-lead networks, design procedure; Simple problems in MATLAB".  
Next line add the content as "Controllers- P, PI and PID control, design procedure, tuning of controllers, Simple problems in MATLAB".
- (iii) It is suggested to add the recent edition of the reference books

- The following suggestions are given in "POWER ELECTRONICS" course:

- (i) Subject expert member suggested to insert "Thermal characteristics; losses in the devices" in the second line of the module-I.
- (ii) It is suggested to add the content of the module-I as:  
"SCRs- Symbol, construction, static and dynamic characteristics; Two transistor analogy" and also insert "Data sheet interpretation of commercially available SCRs" in the last line of the module.
- (iii) It is suggested to add "Applications" as last part of module-I.
- (iv) It is suggested to add "SMPS; Voltage and current commutated choppers; Multiphase chopper; Luo converter; SEPIC converter; Applications" as last part of module-III
- (v) They have suggested to add "CSIs- Auto sequential CSI; Introduction to MLIs" in second line of module-IV
- (vi) It is suggested to add "Establishment and solving of NR method based SHEPWM equations" in PWM techniques of module-IV
- (vii) It is suggested to add "Applications" as last part of module-IV.
- (viii) Subject expert member suggested to insert "cycloconverters-Step-down and step-up cycloconverters; Introduction to matrix converters; Applications" in the last part of module-V.

- The following suggestions are given in "CONTROL AND INSTRUMENTATION LABORATORY" course:

- (i) Subject expert members suggested adding "phase measurement" in the list of experiments.



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- (ii) It is suggested to add "Temperature/pressure/displacement sensors" experiment.
- (iii) It is suggested to add "Extension of range of voltmeters and Ammeters" as experiment.
- (iv) University nominee suggested to include the experiment "Closed loop control system using PI/PID controller/ Flow controller".

## VI Semester:

- The following suggestions are given in the "SOLID STATE DRIVES" course:

- (i) Subject expert members have suggested to add the content of Module-I with:  
"Thermal overloading, load variations" in second line  
"Thermal model of electrical motors and load equalization" in third line
- (ii) They have suggested to change the Module-II beginning as: "History of DC drives; Ward-Leonard control; Constant torque and constant HP operation of DC drives"  
It is also suggested to include "Armature control, field control and regenerative braking in DC motors using phase angle control" in the same module.
- (iii) Mr.B.Vinoth (Alumnus) has appreciated the syllabus contents of the course mainly solid state drives.
- (iv) Subject expert member has suggested adding "Slip power recovery schemes" in the last line of Module-IV.
- (v) Subject expert member has suggested adding the reference book titled, Bimal K. Bose "Modern Power Electronics and AC Drives".
- (vi) Subject expert member has suggested adding the reference book titled, P.C Sen "Thyristor DC Drives".

- The following suggestions are given in "POWER SYSTEM ANALYSIS" course:

- (i) Subject expert member has suggested changing module-I title as "MODELING OF POWER SYSTEM COMPONENTS".
- (ii) It is suggested to add "comparison of methods" in the last part of module-II.
- (iii) It is suggested to add "Methods to improve the stability" in the last part of module-V.

- The following suggestions are given in "MICROPROCESSORS AND MICROCONTROLLERS" course:

- (i) Subject member expert suggested to add "Introduction to Zilog and Motorola based 8-bit processors-features" in the last part of module-I.
- (ii) It is suggested to add "Comparison- Process and control, programming of 8085 and 8051" in the last part of module-III.



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The following suggestions are given in "BIO-MEDICAL INSTRUMENTATION" elective course:

1) It is suggested to revise the module-V with more contents

## 2.1. POWER ELECTRONICS AND DRIVES

The members of the board have well appreciated the PG program curriculum framing as per AICTE guidelines.

Members also have discussed about first semester and second semester courses and compared with previous regulations' (R2017) course list.

Chairman/committee has verified the curriculum contents with credits allotment.

It is suggested to identify/train the faculty to handle the Audit courses.

### The following resolutions were passed

- It is resolved to recommend the revised curriculum of B.E EEE (R2019) and the syllabi of third year (V and VI semester) courses and Curriculum and syllabi of M.E- Power Electronics and Drives (Regulations 2021) offered by the EEE department to the Academic Council for further approval.

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

Date: 09.07.2022

Place: Nagapattinam

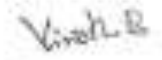
  
Chairman

  
University Nominee

  
Subject Expert

  
Subject Expert

  
Industry Expert

  
Alumni

  
Senior Faculty

  
Senior Faculty

  
Senior Faculty





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# **Board of BE – Information Technology**



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## Board of Studies (BoS) Meeting Suggestions and Action taken

Name of the Department: Information Technology

Names of the Programme : B.Tech – Information Technology

Meeting No: 05

Date & Time: 16.07.2021 & 10.00 A.M.

Venue: IT A/C Seminar Hall & Google Meet

As per the recommendation from University Nominee, external Expert, Industry Expert and alumni, following action to be taken

S.No	Points to be Discussed	Action taken
1.	<ul style="list-style-type: none"><li>• Small changes or modifications in the syllabus approved by Chairman BOS in Department Academic meeting and recommended in pres. in BoS meeting, subsequently ratified in Academic council</li><li>• 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</li></ul>	<ul style="list-style-type: none"><li>• Small changes in the syllabus, need based value added course and 1 credit course will be added and ratified in BOS and subsequently in academic council</li></ul>
2.	<ul style="list-style-type: none"><li>• Industry related training is required for students and provide hands on based experience</li></ul>	<ul style="list-style-type: none"><li>• Skillrack and E-Box training started for students and problem based learning practice initiated</li></ul>
3.	<ul style="list-style-type: none"><li>• Online Industry training will be considered for internship</li></ul>	<ul style="list-style-type: none"><li>• TCS ION, RCT Academy Learning activities are conducted for students and it is continuous process doing for students regularly</li></ul>
4.	<ul style="list-style-type: none"><li>• Programme Assessment Committee</li></ul>	<ul style="list-style-type: none"><li>• PAC Committee will be constituted after the result will be published for 2021 passed out it will be conducted with PO and PSO attainment</li></ul>
5.	<ul style="list-style-type: none"><li>• AICTE SPICES Project</li></ul>	<ul style="list-style-type: none"><li>• 2 Student patent, 3 students Projects submitted</li></ul>
6.	<ul style="list-style-type: none"><li>• HSS Elective</li></ul>	<ul style="list-style-type: none"><li>• HR in IT, Engineering Economics courses added in HSS Elective</li></ul>
7.	<ul style="list-style-type: none"><li>• Industry 4.0 courses to added</li></ul>	<ul style="list-style-type: none"><li>• Block Chain Technology, Computer Vision, Machine Learning courses are added in Elective</li></ul>
8.	<ul style="list-style-type: none"><li>• Provide option for Innovation, Design Thinking, Social Entrepreneurship as elective courses</li></ul>	<ul style="list-style-type: none"><li>• Design Thinking for Innovation, Social Entrepreneurship courses added in HSS Elective</li></ul>

HoD/IT



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**E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
Minutes of Staff Meeting

VENUE	SJE214 - Department of IT		
CONVENED ON	TIME: FROM 01.00 PM TO 01.30 PM		
List Of Members Attended	1. Dr. P. Vijayarajesham, Professor 2. Dr. A.S. Ananth, Professor 3. Dr. S. Manikandan, Assoc. Prof & HoD 4. Dr. K. Manikanda Kumaran, Assoc. Prof 5. Ms. K. Nagalakshmi, Assoc. Prof 6. Mr. V.M. Buresh, Asst. Prof 7. Ms. S.G. Geetha, Asst. Prof 8. Ms. R. Lavanya, Asst. Prof 9. Mr. R. Anand Babu, Asst. Prof 10. Dr. K. Raja, Asst. Prof 11. Ms. P. Dhanaraj, Asst. Prof 12. Ms. R. Vignesh, Asst. Prof 13. Ms. R. Lakshmi, Asst. Prof		
Action Taken on Previous Meeting	Agenda Points	Details Of Discussion	Responsible Person and Target Date
1. Academic Audit  2. Students Interaction and Activities  3. Curriculum and Design	BoS Meeting	1. The 5 <sup>th</sup> BoS meeting will be conducted on 16/07/2021 online mode. Requested to Staff members and Domain Coordinator draft the syllabus for approval 2. Academic Audit points will be discussed on the BoS meeting so ready with all the minutes and action taken details 3. Students activities and interaction details will present in the meeting 4. EGSPEC R2017 2021, 2022 passed out curriculum need to show the BoS members (List of courses completed details) 5. Stakeholders inputs need to discuss in the meeting for effective implementation	All faculty Members

Minuted by Mr. R. Anand Babu, AP/IT

**Dr. S. MANIKANDAN, M. E., Ph**  
 Head of the Department  
 Department of Information Technology  
 E.G.S.PILLAY Engineering College  
 (Autonomous)  
 Nagapattinam - 611 002

Dr.P.V  
VMS  
RAH

Dr.ASA  
KR  
RGG

Dr.KMK  
RLA  
RLA

KN  
PP  
RV



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## Department of Information Technology

### Board of Studies (BoS) Members

Sl.No.	Name	Role
1	<b>Dr. S. MANIKANDAN</b> Associate Professor & Head of the Department Department of Information Technology, E.G.S. Pillay Engineering College, Nagapattinam - 611 002 Mobile: +91-9047902683 Email: hod@egspec.org	Chairman – BoS
2	<b>Dr. D. KARTHIKA RENUKA</b> Associate Professor Department of Information Technology PSG College of Technology Coimbatore - 641 004 Email: dkr@itp.psgtech.ac.in Mobile: +91-9976128726	University Nominee
3	<b>Dr. E. SIVASANKAR</b> Assistant Professor / CSE National Institute of Technology, Trichy Email: sivasankar@nit.edu Mobile: +91-9443744680	Subject Expert
4	<b>Dr. S. PASUPATHY</b> Associate Professor / CSE Annamalai University, Annamalai Nagar Email: pathyasumalai@gmail.com Mobile: +91-9443940576	Subject Expert
5	<b>Mr. YOGESH KUMAR</b> I. & T Infotech, Chennai Email: myogeeskumar@gmail.com Mobile: +919500036077	Industry
6	<b>Mr. A. SARAVANAN</b> Senior IT Operations Analyst, Accenture, Bangalore Email: saravanm@sap@gmail.com Mobile: +91-8892131312	Alumni
7	<b>Dr. P. VIJAYALAKSHMI</b> Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam - 611 002	Member
8	<b>Dr. A.S. ANAKATHI</b> Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam - 611 002	Member



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

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9	<b>Dr. K. MANIKANDA KUMARAN</b> Associate Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam - 611 002	Member
10	<b>Ms. K. NAGALAKSHMI</b> Associate Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam - 611 002	Member
11	<b>Mr. V.M. SURESH</b> Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam - 611 002	Member
12	<b>Ms. R.G. GOKILA</b> Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam - 611 002	Member
13	<b>Mr. K. RAJU</b> Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam - 611 002	Member
14	<b>Ms. R. LAVANYA</b> Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam - 611 002	Member
15	<b>Mr. R. ANAND BABU</b> Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam - 611 002	Member
16	<b>Ms. P. PONNARUVI</b> Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam - 611 002	Member
17	<b>Mr. K. VIGNESH</b> Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam - 611 002	Member

  
BoS/H (Chairman)




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**E.G.S. PILLAY ENGINEERING COLLEGE**  
(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Nagapattinam, Nagapattinam - 611 002, Tamil Nadu

**Minutes of Board of Studies (BoS) Meeting**

Name of the Department	Information Technology
Name of the Programmes	B.Tech - Information Technology
Meeting No	05
Date & Time	16.07.2022 @ 10.30AM
Venue	1st A/C Seminar Hall & Online Google Meet: <a href="https://meet.google.com/jr-ehfb-zjs">meet.google.com/jr-ehfb-zjs</a> Topic: BoS Meeting EGSPEC IT

1. Chairman / BoS welcomed all members for the 5<sup>th</sup> 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 year activities
  - Discuss about stakeholders input II Semester and VIII Semester Curriculum and Syllabus
  - Discuss about Academic Audit minutes
  - Any other matters.
4. The following are the suggestions given by the member of Board of Studies.
  - Expert members gave appreciation to staff members to taken effort during pandemic period and discussed various self-learning activities, industry training and certification
  - Students Activities such as Oracle certification, E-Box, Skillrack training are discussed and appreciated

  
Chairman (BoS) / IT

  
University Member

  
Subject Expert

  
Subject Expert

  
Industry Expert

  
Member

  
Senior Faculty

  
Senior Faculty

  
Senior Faculty



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- Industry expert suggested that students can attend the online training courses like TCS iON, GUVI, Skillathon, Programming training. Also consider this training as Value added courses, internship and other modes for students development
- The total credit distribution verified and fixed as 160 for EG5PEC2019 curriculum
- EG5PEC2017 Curriculum and Syllabus – 2021, 2022 batches studied courses are verified and check on credit courses, value added courses and student's internship activities.
- BoS members are suggested that online training courses or mooc courses are considered for internship or credit transfer. Also suggested that use the benefit for choice based credit system in credit transfer also
- AICTE SPICES activities discussed and they suggested that motivate the students to participate startups, innovation and incubation
- Humanities Science elective courses are discussed and they suggested that include **Human resource in IT, Engineering Economics course**
- Also Provide option for **Innovation, Design Thinking, Social Entrepreneurship** as elective courses
- BoS members are suggested that offer department professional elective courses as open elective for other programme may be it will covers current industry 4.0 standards
- List of professional Elective courses and their syllabus are verified and suggestions are noticed
- 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
- While framing Syllabus give crisp details instead giving paragraph. if it is possible include assessment method also
- **Mandate courses use common syllabus or syllabus given by AICTE follow it**

  
Chairman (BoS) / IT

  
University Member

  
Subject Expert

  
Subject Expert

  
Industry Expert

  
Alumni

  
Senior Faculty

  
Senior Faculty

  
Senior Faculty



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- Kindly check with combination of Open Elective, Humanities Elective courses and discuss with other branches
- Life Skill courses are needed for students and order also well. Check if GD is needed for credit for calculation
- Discussed academic audit minutes and they suggested the process for calculation of attainment. Also, they recommended that conduct Programme Assessment Committee for 2021 passed out batch and compare the attainment with previous batch results for effective implementation
- **Indian Constitution, Environmental Sciences, and Essence Indian Traditional Knowledge** courses as Audit and Mandatory Courses are fixed in lower semester. It is appreciated and the suggested instead of conducting examination provide case study, seminar and team project as assignment
- 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
- 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

  
Chairman (BoS) / IT

  
University Nominee

  
Subject Expert

  
Subject Expert

  
Industry Expert

  
Alumni

  
Senior Faculty

  
Senior Faculty

  
Senior Faculty





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1. The following resolutions were passed

- It is resolved to recommend the changes in curriculum and syllabi of 3<sup>rd</sup> to 8<sup>th</sup> Semester of B.Tech - Information Technology Programme to the Academic Council for approval
- It is resolved that conduct Programme Assessment Committee in the department level for the 2020-21 batch and compare the attainment values with existing batches for effective implementation
- It is resolved that every year conduct academic audit with external expert members and implement the process

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

Date: 16/07/2021

Place: Nagapattinam

  
Chairman (BOS) / IT

  
University Nominee

  
Subject Expert

  
Subject Expert

  
Industry Expert

  
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Senior Faculty

  
Senior Faculty

  
Senior Faculty



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Dr.S.Pasupathy

Associate Professor / CSE

Annamalai University

Report on R2019 B.Tech – IT Curriculum and Syllabus

First of all I appreciate IT department HoD and faculty members prepared syllabus very well and included recent technologies like block chain, data analytics, AI, Deep learning, Virtual reality as the subject.

1. Followed AICTE Curriculum and Total credit as 160
2. Each semester subject are organized good and syllabus are inline and coherence with previous courses
3. Syllabus are framed good and avoid further reading / content beyond syllabus part
4. Mention Web reference in each subject
5. Include prerequisite, course objectives, outcomes to all the courses
6. While framing course outcome check with OBE Rules and Blooms taxonomy action verbs
7. Do not use 0.5 credits in the courses, it will create lot of confusion allocation marks and grade. Follow AICTE Guidelines or Lecture hour 1 hour means 1 credit, Practical 2 hours means 1 credit
8. Elective courses are link with previous courses. Check it Software Testing, Compiler Design, Information Coding, Information Management courses
9. While framing Syllabus give crisp details instead giving paragraph. If it is possible include assessment method also
10. Mandate courses use common syllabus or syllabus given by AICTE follow it
11. Semester 2 CAD lab is not necessary for IT instead of that use IT Essential or Industry 4.0 as one course for understanding IT
12. Python course introduced in 1<sup>st</sup> semester appreciated, may be change digital course into Second semester
13. Biology for IT much need and learn about Bio-Informatics
14. Software Engineering and Project Management give mini project as case study
15. Start-up Opportunities for IT Engineers new initiative taken for give some idea about Entrepreneurship
16. Kindly check with combination of Open Elective, Humanities Elective courses and discuss with other branches
17. Life Skill courses are needed for students and order also well. Check if GD is needed for credit for calculation
18. For internship students can opt online internship or certification training minimum of 15 days or 45 to 60 hours consider for credit
19. Kindly avail facility to transfer credit for MOOC/NPTEL Courses
20. Check with regulation if it is possible give credit to extra/co-curricular activities

Thanks for provided opportunity as expert member and all the best

Dr.S.PASUPATHY

Received Report Introduction by mail  
Dr. Hossain



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

Jun 02, 2021, 3:20 PM

R2019 - BoS - Reg

egspec.org

Dear Sir,

Greetings from Department of Information Technology, E.G.S. Pillay Engineering College (Autonomous), Nagapattinam

Thanks for valuable support and cooperation since 2016 onwards for implementing Autonomous Stream.

As per AICTE guidelines we changed R2019 in the 2019-20 Academic year and updated our department curriculum and syllabus. Herewith I attached R2019 Curriculum and Syllabus for kind perusal. Give your valuable suggestions.

Thanks

HOD IT <hodit@egspec.org>

HOD

IT <it@egspec.org>

saravanan4sap@gmail.com

Jun 3, 2021, 10:15 AM

EGSPEC-IT\_BoS-R2019 -

Reg

egspec.org

Dear Mr. Saravanan, IT Alumni Expert Member

Greetings from Department of Information Technology, E.G.S. Pillay Engineering College (Autonomous), Nagapattinam

Thanks for your wonderful support and time spent with us for last 4 years as Alumni Expert member for Board of Studies Curriculum and Syllabus Framing.

We need your support and coordination in upcoming also. I am very happy to inform you that we revised our curriculum based on EGSPEC R2019 and AICTE Model



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HOD IT <hodit@egspec.org>

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IT <hodit@egspec.org>

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<swanankar@nit.odea>

Jun 02, 2021, 2:45 PM

R2019 - BoS - Reg

egspec.eg

Dear Sir

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Thanks

R2019 - BoS - Reg

HOD IT <hodit@egspec.org>

to Subramanyam

<hodit@egspec.org>

Subramanyam Pasupathi

<pathyannamalai@gmail.com>



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### IMPLEMENTATION (II and III Year)

1. Completed 2 One credit courses Oracle PL/SQL and Oracle Java Programming and included their work sheet
2. Visited IISIL, Karikal for On-site seminar
3. Visited USI Global, Cochin for Industrial Visit
4. IoT Lab created for doing real time projects - 2 Project selected (5 - AICTE Hackathon, 2- AICTE Chitra Vignakarum Awards, 12 - Idea submitted to AICTE Hackathon, TCS RON-30, Lernerthon - 10, UPath RFA - 35)
5. Initiated Entrepreneurship as Open Elective Course
6. AWS Cloud Library, VMware VTA, RedHat Learning, Oracle Day completed with certification

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Curriculum: Herewith I attached the curriculum and syllabus for kind reference.  
Kindly check it and give your valued suggestions.

Thanks & Regards

**HOD IT** <hodit@egspec.org>

In: myyogeeskumar

Dear Mr. Yogeeswaran, L & T Infotech, Industry Expert Member

Greetings from Department of Information Technology, E.G.S. Pillay Engineering College (Autonomous), Nagapattinam

Thanks for your wonderful support and time spent with us for last 4 years as Alumni Expert member for Board of Studies Curriculum and Syllabus Framing

We need your support and coordination in upcoming also. I am very happy to inform you that we revised our curriculum based on EGSPEC R2019 and AICTE Model Curriculum. Herewith I attached the curriculum and syllabus for kind reference. Kindly check it and give your valued suggestions.

Thanks & Regards





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### Industry Tie-Up

1. Oracle Academy – Java, PL/SQL
2. Dell EMC – Data Mining, Data Analytics
3. VmWare – Cloud Computing
4. Palo Alto – Cyber Security
5. AWS – Cloud Architect
6. Gsci – Programming Languages and Training
7. Anypoint – E-Dev
8. Red Hat – App Development, Operating Systems, Open Source Programming
9. UiPath – Robot Process Automation

*Handwritten signature and date:*  
Date: 10/10/19



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# **Board of BE – Master of Business Administration**







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Annexure-I

## BOARD OF STUDIES (BOS) MEMBERS ATTENDANCE

NAME OF THE DEPARTMENT: MANAGEMENT STUDIES

MEETING NO: 03

DATE & TIME: 11.06.2020 & 11.00 AM

VENUE: ONLINE USING GOOGLE MEET

SL.NO.	NAME	CATEGORY
1	Dr.R.KARTHI	CHAIRMAN
2	Dr.R.DEEPA ASSOCIATE PROFESSOR & HEAD FACULTY OF HUMAN RESOURCES CHIEF COORDINATOR - PSG CENTER FOR ACADEMIC RESEARCH AND EXCELLENCE PSG INSTITUTE OF MANAGEMENT COIMBATORE	UNIVERSITY NOMINEE
3	Dr.N.THAMARAI SELVAN PROFESSOR DEPARTMENT OF MANAGEMENT STUDIES NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI	EXTERNAL EXPERT MEMBERS
4	Dr.M.P.PANDIKUMAR ASSOCIATE PROFESSOR(FINANCE) AREA CHAIR-FINANCE LOYOLA INSTITUTE OF BUSINESS ADMINISTRATION (LIBA) CHENNAI	
5	Mr.SARATH CHANDAR MANAGER-HUMAN RESOURCES IVTL INFOVIEW TECHNOLOGIES PRIVATE LIMITED CHENNAI	INDUSTRY / CORPORATE SECTOR
6	Ms.R.KAVIYA Ph.D SCHOLAR SASTRA UNIVERSITY THANJAVUR	ALUMNA
7	Mrs.V.CAROLIN JULIYA PUSHPAM	INTERNAL MEMBERS
8	Mr.S.SAKTHI KAML NATHAN	
9	Mrs.M.SAYEE SUDHA	

*[Signature]*  
BOS/Chairman-MBA

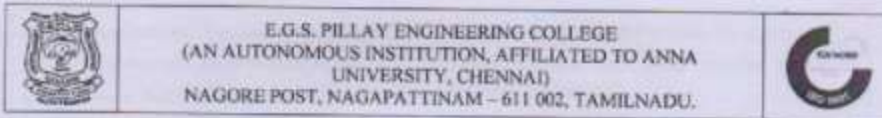


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## ACTION TAKEN FOR THE 3<sup>RD</sup> BOARD OF STUDIES (BOS) MEETING

14.06.2020

BOS Minutes	Action Taken
<b>Professional Core</b>	
<b>Accounting for Decision Making</b> Include the topic International Financial Reporting Standards in the Unit I. In Unit II, it is better to teach fund flow first and Cash flow next which help the students learn the topic better. In Unit V Overhead costing may be included.	<b>Accounting for Decision Making</b> Included the topic International Financial Reporting Standards in the Unit I. In Unit II, fund flow. In Unit-V Overhead costing is included.
<b>Operations Management</b> It is suggested to include the SimQuick or Gold Sim (process simulation with Excel) in further readings to gain additional information related to Operations management.	<b>Operations Management</b> It is decided to include the SimQuick/ Gold Sim in further readings of Operations Management.
<b>Financial Management</b> It is suggested that in Unit I rewrite the topic as "Single asset and two asset portfolios". The topic Cost of Capital in Unit-II may be transferred to Unit III. The Unit III is overloaded with many topics, so few topics may be reduced.	<b>Financial Management</b> Unit I the topic is changed as "Single asset and two asset portfolios". The topic Cost of Capital in Unit-II is transferred to Unit III. The Unit III is overloaded with many topics, so few topics are reduced.
<b>Computer Applications for Business</b> It is insisted to concentrate more experiments on Advanced MS Excel in this paper rather than MS Word and MS Access. Few experiments could be included from MS Power point.	<b>Computer Applications for Business</b> Prepared syllabus with more experiments on Advanced MS Excel. Few experiments included from MS Power point.
<b>Business Communication</b> This course may be transferred from Semester II to Semester I which will help the students to practice communication skills from the first semester onwards. A topic "How to communicate in Social media" may be included.	<b>Business Communication</b> Course transferred from Semester II to Semester I. The topic "How to communicate in Social media" is included.
<b>Professional Electives</b>	



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<p><b>Security Analysis and Portfolio Management</b> In Unit II Graham and Dodd investor ratios In Reference books the author name is V.A. Avadhani (it was wrongly typed as Avadhan).</p> <p><b>Merchant Banking and Financial Services</b> It is suggested to include "Supply Chain Financing" in this course.</p> <p><b>Financial Derivatives</b> It is suggested that the topic Warehousing in Unit IV may be transferred to Unit II and remove the topic Credit Risk which irrelevant in this unit. Forward contract is to be included in Unit II. Reference Books: Fundamentals of Financial Derivatives by N.R.Parasuraman may be included Derivatives and Risk Management by Sundaram Janakiraman may be included.</p> <p><b>Operations Modeling and Simulation</b> The title Operations Modeling and Simulation course may be offered as a professional elective course for operations specialization students.</p>	<p><b>Security Analysis and Portfolio Management</b> Topic "Graham and Dodd investor ratios" is corrected as suggested. In Reference books the author name is corrected as V.A. Avadhani.</p> <p><b>Merchant Banking and Financial Services</b> It is decided to include "Introduction to Supply Chain Financing" in this course.</p> <p><b>Financial Derivatives</b> The topic Warehousing in Unit IV is transferred to Unit II and removed the topic Credit Risk. Forward contract is included in Unit II Reference Books: Fundamentals of Financial Derivatives by N.R.Parasuraman is included Derivatives and Risk Management by Sundaram Janakiraman is included.</p> <p><b>Operations Modeling and Simulation</b> The title Operations Modeling and Simulation course is offered as a professional elective course for operations specialization students.</p>
<p><b>Non-Functional Elective Course</b> It is suggested that Non-functional elective course may be shifted from Semester II to Semester III due to overloaded in Semester II.</p> <p><b>Creativity and Innovation</b> It is suggested to shift the paper Creativity and Innovation from Self Study course to Non-Functional elective.</p>	<p><b>Non-Functional Elective Course</b> Non-functional elective course is shifted from Semester II to Semester III.</p> <p><b>Creativity and Innovation</b> Creativity and Innovation course is transferred from Self Study course to Non-Functional elective.</p>
<p><b>Employability Enhancement Course</b></p> <p><b>Indian Ethos and Business Ethics</b> This course may be transferred from Semester I to Semester II because due to the necessity of transferring Business communication from Semester II to Semester I.</p> <p><b>Summer Training</b> It is suggested that instead of giving 2 weeks training for this course may be increased to 4 weeks training which will increase the student's exposure with industry.</p>	<p><b>Indian Ethos and Business Ethics</b> This course is transferred from Semester I to Semester II.</p> <p><b>Summer Training</b> It is decided to change the Summer Training as 4 weeks course.</p>



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<p><b>Project Work</b></p> <p>Every student shall be required to carry out a Project Work in Department / Industry after the End Semester examinations of the III Semester (30% of the project work should be completed during winter vacation) in consultation with the Supervisor and submit the project report, in the prescribed format, at the end of the IV Semester for the valuation. The duration allotted for project work is 45 days in final semester.</p>	<p><b>Project Work</b></p> <p>All the suggestions related to project work is included in the regulations.</p>
<p><b>Self-Study Course</b></p> <p><b>Share Trading and Investments</b></p> <p>It is suggested that the topics like Recent Practices in SEBI, Enabling DEMAT account, Filing applications with broker and Pairing trading account with bank account. From Unit II to Unit V topics related to Risk and Return, Security analysis and Financial Investment have to be removed and replaced with recent topics.</p> <p><b>Mutual Fund Analysis</b></p> <p>It is suggested to remove the unit II and III and replace with latest topics from NISM.</p>	<p><b>Share Trading and Investments</b></p> <p>Topics like Recent Practices in SEBI, Enabling DEMAT account, filing applications with broker and Pairing trading account with bank account id included in the course. From Unit II to Unit V topics related to Risk and Return, Security analysis and Financial Investment is removed and replaced with recent topics.</p> <p><b>Mutual Fund Analysis</b></p> <p>Unit II and III is removed and replnoed with latest topics from NISM.</p>
<p><b>One Credit Course</b></p> <p>It is suggested that the courses such as 1. Sexual Harassment in Organization 2. Leadership and Change Management may be included.</p> <p><b>Assessment and Evaluation</b></p> <p>30 marks may be awarded for Continuous Internal Assessment Test (Test I &amp; II), 20 marks may be given to Assignments/ Surprise test/ Seminar/ Quiz/Open Book test.</p> <p>50 marks may be given for End Semester examinations.</p> <p><b>General Observations</b></p> <p>Similarities in titles in different categories may be avoided.</p> <p>Students have to be encouraged to study Swayam courses and other related courses from NPTEL, MOOC, Coursera, MOODLE, etc and credits may be offered to the courses based on the course weightage (No. of weeks attended).</p>	<p><b>One Credit Course</b></p> <p>Courses such as 1. Sexual Harassment in Organization 2. Leadership and Change Management is included in one credit course.</p> <p><b>Assessment and Evaluation</b></p> <p>All the suggested points will be communicated to the Academic council meeting for further approval.</p> <p><b>General Observations</b></p> <p>Similarities in titles in different categories is avoided.</p> <p>Students will be encouraged to study Swayam courses and other related courses from NPTEL, MOOC, Coursera, MOODLE, etc. Credits may be offered based on the further approval received from</p>

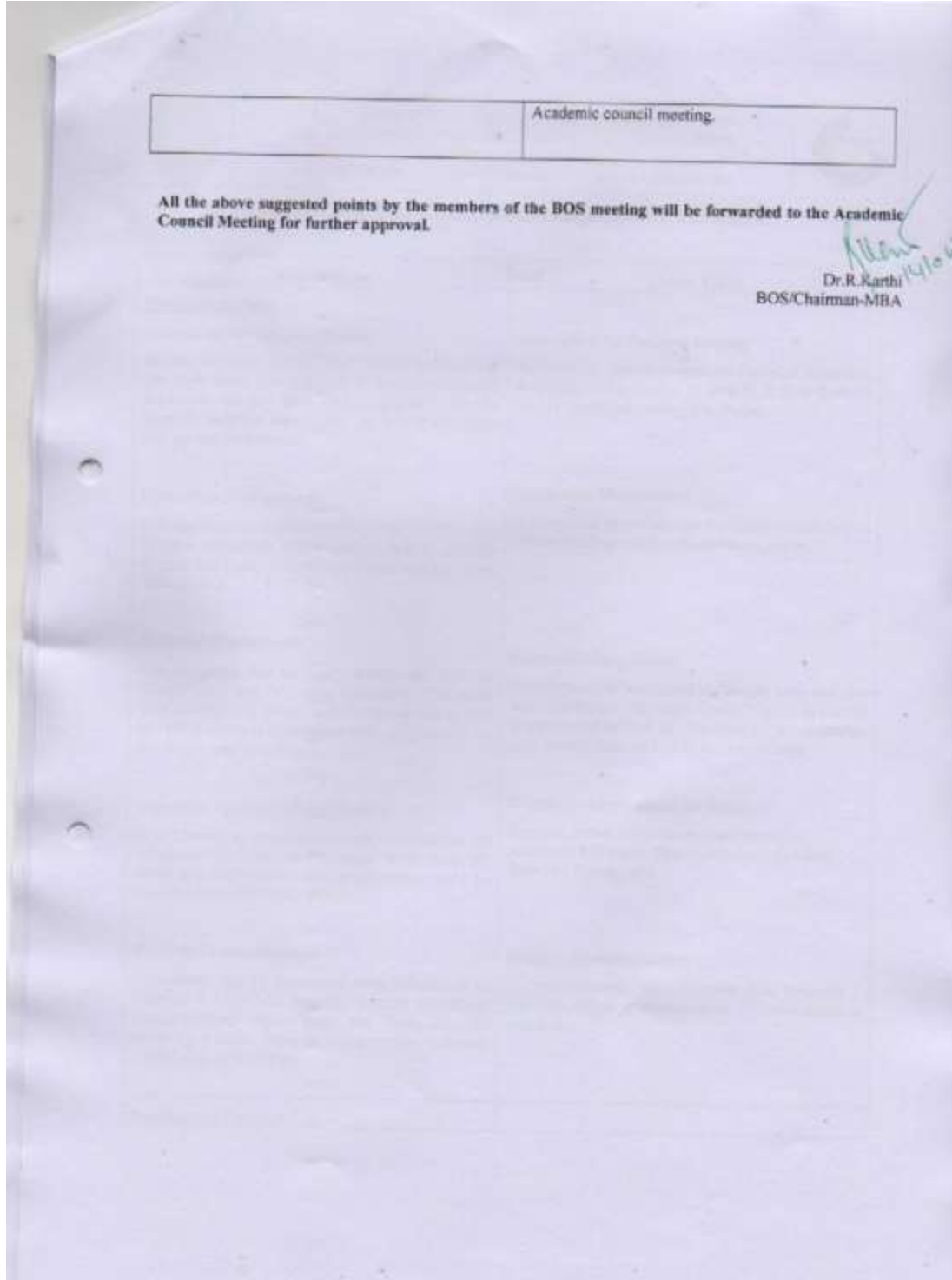


# E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

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	E.G.S. PILLAY ENGINEERING COLLEGE (AN AUTONOMOUS INSTITUTION, AFFILIATED TO ANNA UNIVERSITY, CHENNAI) NAGORE POST, NAGAPATTINAM – 611 002, TAMILNADU.	
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## MINUTES OF BOARD OF STUDIES (BOS) MEETING

NAME OF THE DEPARTMENT	MANAGEMENT STUDIES
NAME OF THE PROGRAMME	MBA
MEETING NO.	03
DATE & TIME	11.06.2020 @ 11.00 AM
VENUE	ONLINE USING GOOGLE MEET

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

1. Chairman/BOS welcomed all the members for the 3<sup>rd</sup> meeting of Board of Studies
2. Chairman/BOS introduced the members presented
3. Chairman/BOS briefed about the agenda to finalize the curriculum and syllabi of the MBA programme (CBCS) system
  - To finalize the new Regulations of 2020
  - To discuss the Curriculum and Syllabus of MBA programme
  - To finalize the question paper pattern for MBA programme and the evaluation methodologies.
4. The following are the suggestions given by the members of the Board of Studies

### Professional Core

#### **Accounting for Decision Making**

Include the topic International Financial Reporting Standards in the Unit I. In Unit II, it is better to teach fund flow first and Cash flow next which help the students learn the topic better. In Unit V Overhead costing may be included.

#### **Operations Management**

It is suggested to include the SimQuick or Gold Sim (process simulation with Excel) in further readings to gain additional information related to Operations management.

#### **Financial Management**

It is suggested that in Unit I rewrite the topic as "Single asset and two asset portfolio". The topic Cost of Capital in Unit-II may be transferred to Unit III. The Unit III is overloaded with many topics, so few topics may be reduced.

#### **Computer Applications for Business**

It is insisted to concentrate more experiments on Advanced MS Excel in this paper rather than MS Word and MS Access. Few experiments could be included from MS Power point.

#### **Business Communication**

This course may be transferred from Semester II to Semester I which will help the students to practice communication skills from the first semester onwards. A topic "How to communicate in Social media" may be included.

### Professional Electives

#### **Security Analysis and Portfolio Management**

In Unit II Graham and Dodd investor ratios  
In Reference books the author name is V.A. Avadhani (it was wrongly typed as Avadhan).

#### **Merchant Banking and Financial Services**



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It is suggested to include "Supply Chain Financing" in this course.

#### **Financial Derivatives**

It is suggested that the topic Warehousing in Unit IV may be transferred to Unit II and remove the topic Credit Risk which irrelevant in this unit.  
Forward Contract is included in Unit II

#### **Reference Books:**

Fundamentals of Financial Derivatives by N.R.Parasuraman may be included  
Derivatives and Risk Management by Sundaram Janakiraman may be included

#### **Operations Modeling and Simulation**

The title Operations Modeling and Simulation may be offered as a professional elective course for operations specialization students.

#### **Non-Functional Elective Course**

It is suggested that Non-functional elective course may be shifted from Semester II to Semester IV due to overloaded in Semester II.

#### **Creativity and Innovation**

It is suggested to shift the paper Creativity and Innovation from Self Study course to Non-Functional elective.

#### **Employability Enhancement Course**

#### **Indian Ethos and Business Ethics**

This course may be transferred from Semester I to Semester II because due to the necessity of transferring Business communication from Semester II to Semester I.

#### **Summer Training**

It is suggested that instead of giving 2 weeks training for this course may be increased to 4 weeks training which will increase the student's exposure with industry.

#### **Project Work**

Every student shall be required to carry out a Project Work in Department / Industry after the End Semester examinations of the III Semester (30% of the project work should be completed during winter vacation) in consultation with the Supervisor and submit the project report, in the prescribed format, at the end of the IV Semester for the valuation. Prior to the Submission of the Project report, the student has to present a paper in a National/International conference. The duration allotted for project work is 45 days in final semester.

#### **Self-Study Course**

#### **Share Trading and Investments**

It is suggested that the topics like Recent Practices in SEBI, Enabling DEMAT account, Filing applications with broker and Pairing trading account with bank account. From Unit II to Unit V topics related to Risk and Return, Security analysis and Financial Investment removed and replaced with recent topics.

#### **Mutual Fund Analysis**

It is suggested to remove the unit II and III and replace with latest topics from NISM.

#### **One Credit Course**



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It is suggested that the courses such as 1. Sexual Harassment In Organization 2. Leadership and Change Management may be included.

#### Assessment and Evaluation

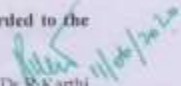
30 marks may be awarded for Continuous Internal Assessment Test (Test I & II), 20 marks may be given to Assignments/ Surprise test/ Seminar/ Quiz/Open Book test.  
50 marks may be given for End Semester examinations.

#### General Observations

Similarities in titles in different categories may be avoided.

Students have to be encouraged to study Swayam courses and other related courses from NPTEL, MOOC, Coursera, MOODLE, etc and credits may be offered to the courses based on the course weightage (No. of weeks attended).

All the above suggested points by the members of the BOS meeting will be forwarded to the Academic Council Meeting for further approval.

  
Dr. R. Karthi  
BOS/Chairman-MBA





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# Board of BE – Master of Computer Applications



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

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Page 1 of 5

	<b>E.G.S. PILLAY ENGINEERING COLLEGE</b> (An Autonomous Institution, Affiliated to Anna University, Chennai) Nagore Post, Nagapattinam – 611 002, Tamilnadu. Department of Master of Computer Applications	
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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 3<sup>rd</sup> 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

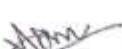
Senior Faculty

  
Dr. J. Shana

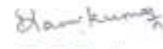
University Nominee

  
Mr. S. Sathya Prakash

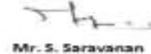
Industry Expert

  
Mrs. A. Hema

Senior Faculty

  
Dr. T. Ramkumar

Subject Expert

  
Mr. S. Saravanan

Alumni

  
P. K. K. K.

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. J. Shana  
University Nominee

Dr. T. Ramkumar

Subject Expert

Dr. Michael Arock

Subject Expert

Mr. SS. Sathya Prakash

Industry Expert

Mr. S. Saravanan

Alumni

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Mrs. A. Hema

Senior Faculty

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

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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

  
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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 1<sup>st</sup> to 4<sup>th</sup> 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)

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Subject Expert

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