



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

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
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Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

INDEX

S. No	Board Name	Page No.
1	Minutes of Academic Council Meeting	
Minutes of Board Studies Meeting		
2	Board of BE - Biomedical Engineering	
3	Board of BE – Computer Science and Business Systems Engineering	
4	Board of BE - Civil Engineering	
5	Board of BE - Computer Science and Engineering	
6	Board of BE - Electronics and Communication Engineering	
7	Board of BE - Electrical and Electronics Engineering	
8	Board of B. Tech - Information Technology	
9	Board of BE - Mechanical Engineering	
10	Board of ME – Environmental Engineering	
11	Board of ME - Computer Science and Engineering	
12	Board of ME - Communication Systems	
13	Board of ME – Power Electronics and Drives	
14	Board of ME - Manufacturing Engineering	
15	Board of MBA - Master of Business Administration	
16	Board of MCA - Master of Computer Applications	



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Academic Year
2020-2021



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Minutes of Academic Council Meeting 2020-2021



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Minutes of Board of Studies (2020-2021)



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Board of BE – Biomedical Engineering



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B. E. Biomedical Engineering

Minutes of First Board of Studies Meeting

Board of Studies (BOS) Meeting of Department of the Bio Medical Engineering has been conducted on 19.08.2020 at 10 A.M in Polytechnic Computer Department Lab through Online.

Members Attended

S.No	NAME	DESIGNATION
1	Dr.R.Ganesan Prof. & HOD / BME	Chairman
2	Dr.Prathish Raja Associate Professor/BME	Member
3	Mrs.N.Gopikha Assistant Professor/BME	Member
4	Dr. Tamilselvan Jayavelu Assistant Professor, Department of Bio Technology Anna University	Expert from Anna University
5	Dr. C.Ram Kumar Assistant Professor Department of Bio Medical Engineering Dr.N.G.P.I.T	Expert from outside the parent University
6	Dr.B. Padmapriya Associate Professor, Department of Biomedical Engineering PSG College of Technology	Expert from outside the parent University
7	Ms.T. Hemapreetha Clinical Ultrasound Product Specialist BPL Medical Technologies, Cochin	Expert from the industry
8	K.M.K.I. Nawasdeen Parent Nagapattinam.	Parent

HOD of the Department welcomed the Board Members and faculties who were present for the First BOS meeting, and started the Presentation.



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Then Vision and Mission of the Department explained. Later presentation of credit summary has been done. Seven electives have been offered by the department of BME to the rest of the departments. The presentation was ended with the assessment curriculum and Syllabus. After Presentation HOD/BME requested the Board Members for their Valuable suggestions.

First the members of the BOS were introduced to the gathering as given below.

SUBJECT EXPERTS

1. Dr. Tamilselvan Jayavelu

Assistant Professor,
Department of Bio technology
Anna University

2. Dr. C.Ram Kumar

Assistant Professor
Department of Bio Medical Engineering
Dr.N.G.P.I.T

3. Dr.B. Padmapriya

Associate Professor,
Department of Biomedical Engineering
PSG College of Technology
Coimbatore.

INDUSTRY REPRESENTATIVE

Ms.T. Hemapreetha
Clinical Ultrasound Product Specialist
BPL Medical Technologies, Cochin

PARENT NOMINEE

K.M.K.I. Nawasdeen



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Suggestion

The following points were discussed by the expert one by one,

Dr. B.Padmapiya, Associate Professor, BME-PSGCT

1. LTPC Along with that indicates whether it is a core engineering subject or it is a humanity subject or Life science subject. AICTE will ask how many credits is allotted for each category
2. Everywhere before the unit course objective has been mentioned, 1 course objective from each of the unit is the best practice. Normally subject has got 5 units; from each of the units what the student is going to learn has to be the objective. So totally 5 objectives.
3. Text book and References should be 2 Text books 4 reference text books
4. In between the topics separate it by a comma and the subtopics should be separated by a semicolon
5. Biosensors and Transducers-Unit IV-Types of biosensors-specify, Rename Unit V, Changes the subject name as Biosensors and Measurements instead of Biosensors and Transducers.
6. No. of hours for each unit can be customised.
7. Course outcome can be 2 for Lab
8. Biomedical Instrumentation Lab for 4th exp simulation and analysis term can be used
9. In Bio signal Processing subject, what kind of signals has to be considered for processing. In filtering process please specify some application part like ECG signal, removal of noise which can give justification for subject.
10. Biomedical Instrumentation Lab has BP measurement, In theory, it has to be included in Unit V.
11. No. of Exp. can be reduced into 10 instead of 12 in each lab.
12. Bio Control system subject name to be changed into Control System. And Bio Signal processing subject name to be changed into Bio Signal processing and Systems.
13. Value Added Courses to be conducted every year.



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Dr.C.Ram Kumar- Assistant Professor/ BME-NGPIT

1. Instead of giving 4 credits to Fundamentals of Biochemistry, give 4 credits to biomedical circuits and networks.
2. In Mathematics for Biomedical engineering subject - Instead of Fourier Series and Fourier Transform in 3rd unit bring in Partial Differential derivations can be used towards Biomedical engineering applications to strengthen your subject topic, else change the subject name.
3. Text Book Number should be 2.
4. In biomedical Circuits and Networks, interchange the units, 2nd unit shift to 1st unit, and resonance circuit as 3rd unit, remove the Laplace transform. Convert 3rd unit as 2 units.
5. Course Outcome should be 5.
6. In fundamentals of biochemistry course outcomes, Phrases should be clear, Start with analyse, Understand. Refer Bloom's Taxonomy.
7. In Biochemistry subject, under Diabetes Mellitus, What are the things have to be studied has to be mentioned clearly? Refer Anna University syllabus.
8. Text Books can be Martin or Rafi.
9. In Biosensors and Transducers add an unit for Display and Recording devices.
10. In devices and circuits lab experiments like Schmitt trigger can be given as mini project.
11. In Digital Electronics and Integrated Circuits subject, remove PPL, Logic families, CMOS in Unit III.
12. In Digital Electronics and Integrated Circuits subject, 4th unit can cover flip flop or register. ADC and DAC is enough. Cardio vascular Applications can be included.
13. Include Text Book For LIC and Digital Electronics.
14. Phase shift oscillator, Schmitt trigger experiment can be added.
15. Instead of Digital electronics and Integrated Circuits Lab change to Analog and Digital and Integrated Circuits Laboratory.
16. Instead of BCD experiment include flip-flop or register experiment cut down LIC exp.
17. Basics of Signals and introduction can be covered in Unit I of Bio signal Processing.
18. In Bio signal processing, Unit II can be IIR filter, Unit III can be FIR filter, 4th unit can be applications, Unit V can be simplified.



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Mrs. T. Hemapreeta - BPL Medical Technologies, Cochin

1. In Human anatomy and Physiology subject- remove some topics which are not important for Biomedical students and add some topics in digestive system is students pursue their career in oncology.
2. In Biomedical controls systems- Applications related to Biomedical engineering like automatic delivery of insulin can be included.

Dr. Tamilselvan Jayavelu, Assistant Professor, Department of Bio Technology, Anna University


1. Pathology lab experiment no.1 can be moved to Physiology or Biochemistry
2. Exp.2 is already present in Biochemistry
3. Parts of Compound Microscopes can be moved from lab to theory course. In addition, the topic "Flow cytometry and its applications" can also be included.
4. Exp.12 The absorption spectrum of Hemoglobin belongs to biochemistry lab
5. Instead of Pathology and Microbiology, it can be as Basics of Pathology and Microbiology.
6. DNA/RNA, Proteins, Lipids, Carbohydrates can be included in Biochemistry.
7. Human Anatomy and Physiology; Pathology and Microbiology syllabus are almost similar to Anna university syllabus, but few topics are removed. Kindly adopt Anna university syllabus content to have complementarity with theory and lab courses.

Finally HOD/BME assured to rectify all the suggestion and thanked everyone for their valuable suggestions and comments.


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


Subject Expert


University Nominator


Industry Expert


Parent



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Action Taken - Suggestions carried out and updated

As per the instruction from the Experts, All the points are carried out and updated on the syllabus and Curriculum Successfully.

Thank you

Dr.R.Ganesan
Professor / Head Department of Biomedical Engineering
E.G.S.Pillay Engineering College



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Minutes of 2nd Board of Studies (BOS) Meeting

Name of the Department	Biomedical Engineering
Name of the Programme	B.E., Biomedical Engineering
Meeting No.	02
Date and Time	05.02.2021 & 11.00 AM
Venue / Platform	Google Meet App
Google Meet Link	https://meet.google.com/jii-ubmb-lar
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
5.	K.M.K.I. Nawasdeen	Parent
6.	Dr.R.Ganesan	Prof. & HOD / BME
7.	Mrs.Kiruthika	Assistant Professor/BME
8.	Mrs.V.Geethagayathri	Assistant Professor/BME
9.	Mrs.N.Gopikha	Assistant Professor/BME



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Points discussed:

1. BOS chairman welcomed all members for 2nd meeting of board of studies
2. BOS Chairman briefed the members about the agenda
 - To finalize the Second year and Third year (Third, Fourth, Fifth and Sixth semester syllabi of B.E., Biomedical Engineering programme.
 - To finalise the list of equipment's required for all laboratories.
 - Any other matters.
3. The following are the suggestions given by the member of Board of studies.

The Board of studies members have gone through the curriculum and syllabus of Second and Third year.

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. In Radiology ultrasound imaging can be included

The following resolutions were passed:

- It is resolved to recommend the curriculum, syllabus and list of equipments required for all laboratories of 3rd, 4th, 5th and 6th 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: 05.02.21

Place: Nagapattinam


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


Subject Expert


Industry Expert



Parent



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

05.02.2021

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 2nd BoS meeting - Reg:

Ref: Minutes of 2nd BoS meeting Dated 05.02.2021.

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 2nd BOS meeting through Google meet and the following are the action taken based on the member's suggestion

Action Taken based on the 2nd 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
Nagapattinam



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Board of BE – Computer Science & Business System

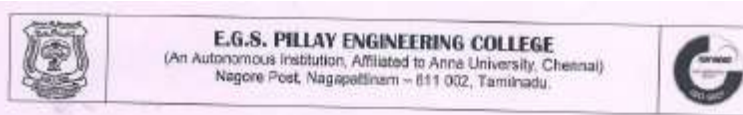


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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Computer Science and Engineering
Name of the Programme	B.Tech(Computer Science and Business Systems)
Meeting No.	1
Date & Time	08.05.2020, 11.30 A.M
Venue	Online Platform - Google Meet

1. Chairman / BoS welcomed all members for the meeting of Board of Studies for the new programme B.Tech (Computer Science and Business Systems).
2. Chairman / BoS introduced the University Representative and expert members.
3. Chairman / BoS briefed the members about the Agenda.
 - (i) To finalize the curriculum for 1st and 2nd semester B.Tech. Programme in Computer Science and Business Systems.
 - (ii) To finalize the syllabus for 1st and 2nd semester subjects according to the E.G.S.P.E.C Regulations R2019.
 - (iii) To approve the syllabus for 1st and 2nd semester subjects offered by the Department of Computer Science and Engineering, for the new Programme, B.Tech in Computer Science and Business Systems (CSBS).
4. Dr. S. Mary Saira bhanu, University representative gave her introductory speech and wished the members for successful conduction of the meeting.
5. The Subject Experts discussed the syllabus and presented their suggestions on the necessary modifications of the syllabus.

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

- The Board of Studies members have gone through the curriculum and syllabus for first and second semester B.Tech-CSBS Programme offered by the Department of Computer Science and Engineering.



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First Semester

- Tutorial hours are not required as Practical Hours shall be given importance with 4 hours/week for Fundamentals of computer science.
- It was decided to combine the "Principles of Electrical Engineering" theory and lab courses as single course (Theory cum Lab course) with 3 credits.
- Suggested to combine "Fundamentals of Physics" theory and lab courses as single course as Theory cum Lab course with 3 credits.
- It was decided to combine the "Fundamentals of Computer Science" theory and lab courses as single course (Theory cum Lab course) with 5 credits.
- Suggested to combine "Business Communication and Value Science-I" theory and lab courses as single course as Theory cum Lab course with 2 credits.

Second Semester

- Tutorial hours should be added for Linear Algebra, Statistical Modeling, Data Structures and Algorithms.
- It was decided to combine the "Data structures and Algorithms" theory and lab courses as single course (Theory cum Lab course) with 4 credits.
- Combine "Principles of Electronics" theory and lab courses as single course with 3 credits.
- Combine "Business Communication and Value Science-II" theory and lab courses as single course with 2 credits.
- The Subject Experts have suggested a few modifications and recommended the syllabus.
- The suggested modifications have been carried out and necessary changes have been incorporated. The Subject Experts have approved the syllabus.
- The Subject Experts Suggested to add some standard reference books
- The Subject Experts approved the syllabus for 1st and 2nd semester for CSBS course.

Question paper patterns



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R2019 B.Tech-CSBS Programme.

Part A -20×1=20

Part B -10×2=20

Part C -5×12=60

Evaluation Methods:

Theory	Practical
Continuous Assessment =40%	Continuous Assessment =50%
Semester Examinations=60%	Semester Examinations=50%

The following resolutions were passed:

- It is resolved to recommend the curriculum and syllabus for First semester and Second semester of B.Tech. Programme in CSBS to the Academic Council for approval.
- It is resolved to recommend the question paper pattern B.Tech. CSBS Programme and evaluation methodology for approval.

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

Dr.S.Mary Saira bhani, University representative gave her concluding remarks and appreciated the efforts taken by the faculties to conduct this meeting successfully in these difficult times of Covid 19 Pandemic.




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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	
9	Dr. R. MANIVANNAN	Internal Members


Chairman – BoS (CSE)
CHAIRMAN
Board of Studies
Department of Computer Science and Engineering



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



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Minutes of Board of Studies(BoS) Meeting

Name of the Department	Civil Engineering
Name of the Programmes	B.E Civil Engineering
Meeting No.	05
Date & Time	9.03.2021 & 12.00 Noon
Venue	Online Mode - Google Meets Room

1. Chairman / BoS welcomed all members for the 5th meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS review the contents of 4th BOS meeting.
4. Chairman / BoS briefed the members about the Agenda.
 - To finalize the curriculum and syllabus of 5,6,7 and 8th Semester including laboratory equipment's and industry related courses in B.E - Civil Engineering
 - Other matters.
5. The following are the suggestions given by the members of Board of Studies in curriculum and syllabus:
 - Group of electives should be maintained in specific domains and dispersed with equal weights.
 - It is seems to be number of courses in third semester are more when compared with other semesters. It may be dispersed conveniently.
 - Water supply Engineering and waste water engineering may be provided as two core subjects, or otherwise the basics of both subjects eliminated and included all other important with design aspects.
 - It is suggested and advisable for providing more weightage for laboratory courses than theory.


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

Subject Expert


Senior Faculty

University Nominee


Industry Expert


Senior Faculty

Subject Expert


All Level


Senior Faculty



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

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

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- Total credits may be increased such that no important courses should be avoided.
- It is better the name of elective courses should not be enter in the curriculum hence cannot choose themselves by students.
- The objectives of all courses should be clearly mentioned.
- Suggested to separate Fluid mechanics and applied Hydraulics into two separated courses, or otherwise open channel flow, fluid mechanics and machineries should be included.
- It should be considered at least one unit as an application oriented module so that it may be very much useful for placement for the students.
- Give uniformity for all courses for providing course objectives as course outcomes.
- By merging Surveying as a single course, few of the topics have been omitted. Surveying as an important course for civil Engineering programme. It is preferred all topics are to be included.
- All the experiments of each laboratory courses should be uniformly framed.
- Minimum 2 to 3 text books for reference should be included in all courses.
- Minimum 4 to 5 reference books should be included in all courses.
- It is observed that the course "Essence of Indian traditional knowledge" is not taken by a single course coordinator even it is a mandatory and have no credit. It is preferable and suggested that the students may collect all the details regarding that course and submitted as a record.
- The course titles "Design of RC structures I&II" may be changed as Design of RC elements and Advanced concrete structures for impressive and easy to understand.


Chairman (HoS) / Qul

University Nominee

Subject Expert

Subject Expert

Industry Expert

Alumni

Senior Faculty

Senior Faculty

Senior Faculty



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- The content of the open elective course "Global Warming and Climate Change" should be verified and corrected in all units.
- It is suggested that the course "Repair and Rehabilitation of structures" is to be included as a core course instead of elective course. And discussed that core courses may be added such that professional ethics may be considered as a Humanities management courses.
- Notches and weirs experiment may be included in the fluid mechanics and machineries lab.
- Application and usage of software may be included in quantity surveying and estimation course.
- Architecture and town planning is very much important for civil engineering students hence it may include as a mandatory core course.
- For design courses the name of IS codes should be provided as reference.
- All the courses should be verified with credit distribution, Module uniformity, objectives and course outcomes.


9.3.14
Chairman - BOS - Civil
(Dr.R.Sivakumar)
Board of Studies
Department of Civil Engineering
E.G.S.Pillay Engineering College
(Autonomous)
Nagapattinam


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

Subject Expert

University Nominee

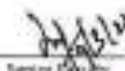

Industry Expert

Subject Expert


Subject Expert


9.3.2014
Senior Faculty


9/3/2014
Senior Faculty


Senior Faculty



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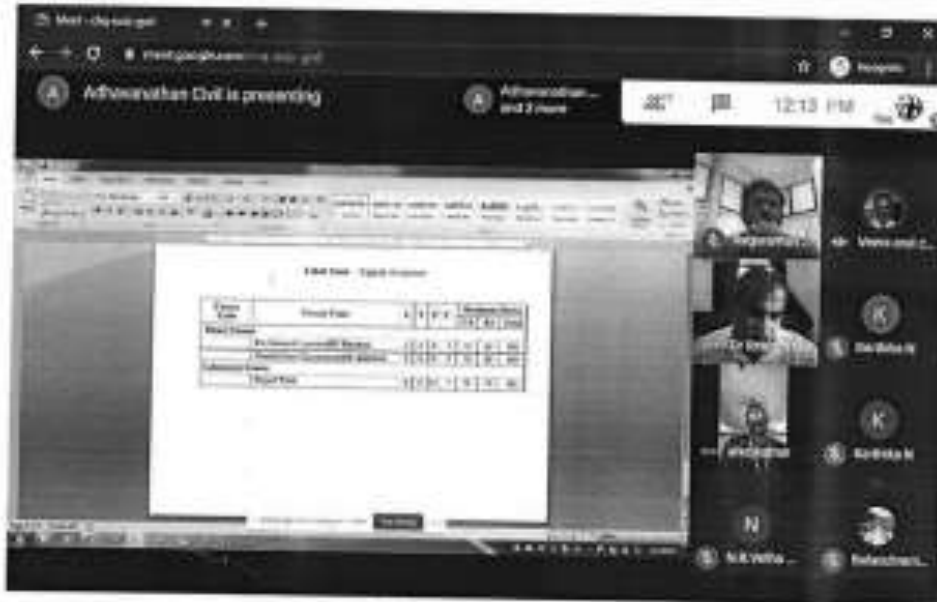


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The image displays two screenshots of a Zoom meeting interface. Both screenshots show a meeting titled 'Adhwasathan Civil is presenting'. The main content area in both shows a document titled 'MEETING MINUTES' with a table of attendees and their contact information.

Name	Organization	Phone No.	Mobile No.
Adhwasathan Civil			
...

The top screenshot includes a 'Meeting details' sidebar on the right with a list of participants: Adhwasathan Civil, Karthika H, Karthika H, ... and a 'Chat' window. The bottom screenshot shows a different sidebar layout with a 'More options' menu and a list of participants: Adhwasathan Civil, Karthika H, Karthika H, ...



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

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



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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Computer Science and Engineering
Name of the Programmes	B.E. Computer Science and Engineering M.E. Computer Science and Engineering
Meeting No.	06
Date & Time	23.12.2020 & 10.00 AM
Venue	Online Meeting: Zoom https://zoom.us/j/91200436101?pwd=dGRucDRXNGRkblpwVFJEeVFUR0o3Uj1T09

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

1. Chairman / BoS welcomed all members for the 6th 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 new Regulations 2021 for M.E. CSE PG Programmes Curriculum and 1st to 2nd Semester Syllabi and Syllabi of 5th to 7th Semester B.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 new PG M.E. Regulations 2021 for M.E. CSE PG Programmes Curriculum and 1st to 2nd Semester Syllabi and Syllabi of 5th to 7th Semester B.E. CSE Programme under UG Regulation 2019
 - New Regulations 2021 for PG M.E. Programmes were analyzed and discussed



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• For UG CSE Programmes

• Vision, Mission, POs and OOs of the CSE programmes are reviewed as per the new regulations curriculum and syllabi

○ Some of the important courses like Essence of Indian Traditional Language, TQM and Computer Graphics and Multimedia were added in the UG Curriculum.

○ It is recommended to purchase of new versions of Computers for strengthening the advanced technology usage by the Students

○ It is recommended to include the cloud computing laboratory course in the seventh semester

○ To strengthening the students for the industrial exposure to send the students to the industry through internship and industrial visit

○ It is recommended to include the value added and one credit courses and reviewed.

• For PG M.E. Programmes

○ New Regulations 2021 were discussed and suggested points sent for approval by the Academic Council

○ It is recommended to include the courses like Research oriented and IPR related courses

○ It is recommended to include the Audit courses in the first semester and second semester

○ It is recommended to include the mini project with Seminar concept in the second semester

○ The Chairman analyzed the feedback from the stakeholders and draft the new PG M.E. Curriculum and 1st to 2nd Semester Syllabi for approval



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Resolutions

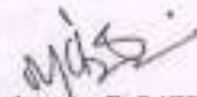
It was resolved to incorporate the suggestions given by the BOS members towards the curriculum and Syllabus of new PG M.E. Regulations 2021 for M.E. CSE PG Programmes Curriculum and 1st to 2nd Semester Syllabi and Syllabi of 5th to 7th Semester B.E. CSE Programme under UG Regulation 2019.

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 curriculum and Syllabus of new PG M.E. Regulations 2021 for M.E. CSE PG Programmes Curriculum and 1st to 2nd Semester Syllabi and Syllabi of 5th to 7th Semester B.E. CSE Programme under UG Regulation 2019 for the Computer Science and Engineering Board.

Date: 23.12.2020

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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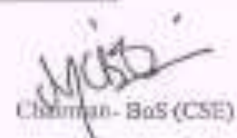


Board of Studies Meeting

Attendance

Name of the Department : Computer Science and Engineering
Meeting No. : 06
Date & Time : 23.12.2020 & 10.00 A.M.
Venue : Online Platform- Zoom Meet

S.No	Name	Category
1	Dr.M.CHINNADURAI	Chairman
2	Dr.S.MARY SAIRA BHANU	University Nominee
3	Dr.A.AMUTHAN	External Expert Members
4	Dr.M.ARAMUDHAN	
5	Mr.J.SARATH CHANDAR	Industry/ Corporate Sector
6	Mr.P.HARIDHARAN	Alumnus
7	Dr.T.GANESAN	Internal Member
8	Dr.N.MURALI	
9	Dr.R.MANIVANNAN	
10	Dr.M.PRIYA	
11	Prof.K.KALAIVANI	
12	Prof.K.BALASUBRAMANIAN	
13	Prof.G.ARIJIL SELVAN	


Chairman- BoS (CSE)

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



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**Board of Studies –B.E
Electronics and
Communication
Engineering & M.E
Communication System**



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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.	03 (04)
Date & Time	12.06.2020 & 03.00 P.M.
Venue	Online Mode - Google Meets Room

1. Chairman / BoS welcomed all members for the 3rd meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS review the contents of 2nd BOS meeting.
4. Chairman / BoS briefed the members about the Agenda.
 - To finalize the curriculum and syllabi of 3rd & 4th Semester in B.E - Electronics and Communication Engineering and 1st & 2nd Semester in M. E - Communication Systems.
 - Any other matters.
5. The following are the suggestions given by the members of Board of Studies in curriculum.
 - Open elective: 5 subjects per each module should include.
 - 6th semester needs one programming paper if possible, in python or Java.
 - Suggested to include Programming concepts in Internet of Things, Soft Computing and Embedded Systems papers.
 - Python and Java is very much needed in current scenario (software development methodology) so it should be included in syllabus.

B.E Electronics and Communication Engineering

III - Semester:

1. Electron devices -> Electronic devices: Reduce content of unit 4, and in 3rd unit, FINFET and advance concepts should be removed. Update reference books to be latest editions.
2. Circuit and Networks: Remove Dr.Salivahanan book, include Dr.Anamugam book.
3. Digital Electronics: Change 5th unit to applications or 3rd unit can be split and it is added in 5th unit. Dr.Salivahanan need to be included, Goanker book to be excluded.
4. Biology for Engineers: Reduce the content of 4th and 5th units.
5. Object oriented programming and Data Structure: Can be updated in python.
6. Electron Devices and Circuits Laboratory-> Devices and Circuits laboratory, Mention IC name in experiments, Include DIAC in experiment, change title of experiments as it is in Digital Electronics lab.
7. Digital Electronics Laboratory: Xilinx simulation is good.
8. Object oriented programming and Data Structure Laboratory: Can include python based experiments.


CHAIRMAN
Board of Studies
Department of Electronic &
Communication Engineering
E.G.S Pillay Engineering College (Autonomous)



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IV - Semester:

1. Electronic circuits: Unit 2: Multi stage differential amplifiers should be removed. Include Negative feedback amplifiers and reduce applications in unit 5. Telescope and Cascade amplifier to be removed.
2. Signals and systems: Unit 3 title to continuous time signal than CT. Include latest reference books. Entire syllabus to be revised. Heavy portion.
3. Micro controller and its application: 8085 should be included from Digital electronics and name should be changed as microprocessor and micro controller. 2-unit microprocessor +3-unit micro controllers. Interfaces may be added in syllabus.
4. Electromagnetic fields: syllabus need to be reduced and re-modify it.
5. Analog Integrated Circuits and its application-> Analog Integrated Circuits: Linear noise in amplifiers should be removed. Include some basic concepts.
6. Laboratory Course
7. Electronic Circuits Lab: Re-modify experiment 1,2,3 and include Tuned amplifier, Feedback amplifier, Power amplifier concepts. More number of simulation experiments needed.
8. Analog Integrated Circuits Laboratory: DC changes to Regulated Power Supply (RPS)
9. Micro controller and its application Laboratory->Microprocessor and Micro controller lab.

V - Semester:

1. Analog and Digital Communication may be split into Analog communication and Digital Communication
2. Computer Organization can be moved into Elective. Instead IOT or Soft computing can be included

General Comments:

1. As already two subjects on English are available, it is better include the content of the subject "Verbal ability" in the subject "Communication skills" in the second semester and replace with other technical subject.
2. The subject on "Constitution of India" may be included as included as the audit compulsory course instead of credit course.
3. It is good to see the subject "Biology for Engineers" in the curriculum.
4. The mentioning of "Artificial Neural Network and Genetic algorithms" in the Further reading section for the subject: Object oriented programming is inappropriate.

M.E. Communication Systems

I - Semester:

1. Applied Engineering Mathematics should contain Random process and Probability subject concepts.
2. Optical switching networks -> Optical networks.
3. Wireless Communication Engineering: Include 5G concepts, Remove repeated UG contents.

II - Semester:

1. Technical seminar may be split into Technical seminar I and Technical seminar II.
2. FPGA based communication system design can be renamed as Digital integrated circuits based communication system design.


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Board of Studies
Department of Electronic &
Communication Engineering
E.G.S. Pillay Engineering College, Nagapattinam



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General Comments:

1. Choose some other subject for FPGA Based Communication System Design and Electromagnetic Interference & Compatibility in System Design. Those can replace with RF IC design, Multimedia compression techniques, Radiating systems or Digital Integrated circuits.
2. Remove Optical Signal Processing.


Chairman – BOS / ECE

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EGS Pillay Engineering College (Autonomous)
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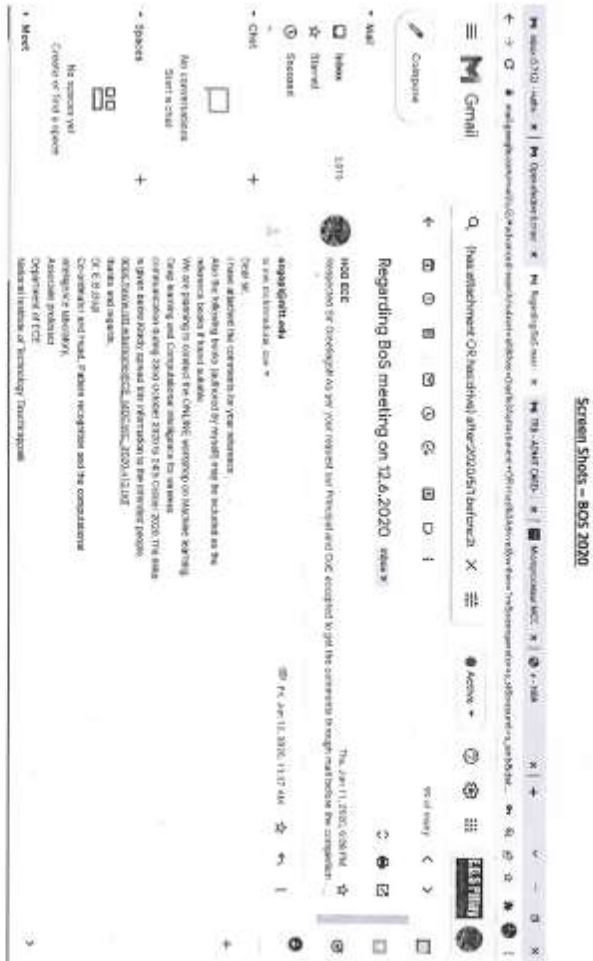


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[Handwritten Signature]
CHAIRMAN
Board of Studies
Department of Electronic &
Communication Engineering
E.G.S Pillay Engineering College (Autonomous),
Nagapattinam.

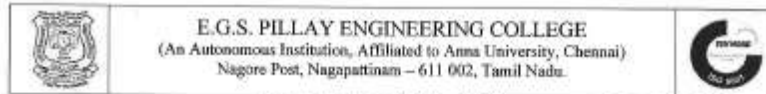


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Academic Year 2019 - 2020

Date: 12.6.2020

Department of ECE

Action Taken for BOS Meeting Minutes

B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

SEMESTER III

1. Electron devices changed to Electronic devices and Electron Devices and Circuits Laboratory changed to Devices and circuits laboratory
2. Reference books are updated for Circuit and Networks, Digital electronics, Electron devices. And some advance topic as removed as per meeting decision.
3. In Digital Electronics, 5th unit is completely changed and new syllabus created.
4. Object oriented programming and Data Structure is requested to include python language along with C++ implementation

SEMESTER IV

1. Analog Integrated Circuits and Its application is changed to Analog Integrated Circuits and Micro Controller and its applications changed to Microprocessor and Micro controllers.
2. For Microprocessor and Micro controllers and its laboratory course new syllabus is created
3. Some topics are changed to as per meeting decisions in Electronic Circuits, Electronic circuit laboratory, Electromagnetic fields

M.E - COMMUNICATION SYSTEMS

1. Applied Engineering Mathematics included with Random process and probability subject concepts
2. Optical Switching networks changed to optical networks and syllabus created as per decisions in meeting
3. Wireless communication Networks syllabus modified as per discussion in meeting.

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Academic Year 2019 - 2020		Date: 12.6.2020

Department of ECE

Board of Studies Meeting - Attendance

SLNo.	Name	Category
1.	Dr.B.Padmanaban Professor & Head, Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002, Email ID:dr.padmanaban83@gmail.com Mobile Number:9994163733	Chairman
2.	Dr. E.S.Gopi Associate Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Tiruchirappalli - 620015 E-mail.esgopi@nitt.edu	University Nominee
3.	Dr.N.B.Balamurugan Associate Professor, Department of Electronics and Communication Engineering, Thiagarajar College of Engineering Thiruparankundram, Madurai 625015 nbbalamurugan@tce.edu	External Subject Expert Members
4.	Dr.R.Ramesh Professor, School of Electrical and Electronics Engineering, SASTRA University, Thanjavur, Email ID:ramesh@ece.sastra.edu Mobile Number : 9944062307	
5.	Mr.G.Balaji Software Arctech, Robert Bosch Ltd Coimbatore Email ID:raviram1645@gmail.com Mobile Number : 9047150446	Industry / Corporate Sector
6.	Mr.R.Sriram Programmer Analyst, Cognizant Technology Solutions, Chennai Email ID:raviram1645@gmail.com Mobile Number : 9047150446	Alumni
7.	Mr.V.Vijay Senior Testing Engineer (R&D),	

Handwritten Signature
CHAIRMAN
Board of Studies
Department of Electronic &
Communication Engineering
E.G.S. Pillay Engineering College (Autonomous)
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Sl.No.	Name	Category
	Akas Medical Equipments Ltd, Chennai Email ID :vijay.veeramani@gmail.com Mobile Number :9487845449	
8.	Dr.S.M.Ramesh Professor, Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID: hodece@egspec.org Mobile Number: 9443505446	Internal Members
9.	Dr.A.Sundar Raj Associate Professor, Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID: sundarraj198886@gmail.com Mobile:9865173406	
10.	Mrs.R.S.Koteeshwari Associate Professor , Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID: eshwari.kote5@gmail.com Mobile:7904338947	Internal Members
11.	Mrs.S.Chitra Asst.Professor Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID: chithrapriyadharshini@gmail.com Mobile:9487485874	Internal Members
12.	Mrs.V.Elavarasi Asst.Professor Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID: suthanmathi@gmail.com Mobile:9943397484	Internal Members
13.	Mr.M.Nuthal Srinivasan Asst. Professor Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID:nuthal4u@gmail.com Mobile:9597077499	
14.	Mr.D.Devarajan	


CHAIRMAN
Board of Studies
Department of Electronic &
Communication Engineering
EGS Pillay Engineering College (Autonomous)
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Sl.No.	Name	Category
	Department of Electronics and Communication Engineering, E.G.S.Pillay Engineering College, Nagapattinam – 611002. Email ID:devarajan@egspec.org Mobile:9894055342	
15.	Dr. M. Irshad Ahmed 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
16.	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
17.	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	Internal Members


CHAIRMAN
Board of Studies
Department of Electronic &
Communication Engineering
EGS Pillay Engineering College (Autonomous)
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Board of Studies – B.E Electrical & Electronics Engineering



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Nagore Post, Nagapattinam – 611 002, Tamilnadu.

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.	04
Date & Time	11.06.2020 & 11.00 A.M.
Venue/Platform	Zoom App (Online mode)

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

1. Dr.T.Suresh Padmanabhan, Professor/EEE welcomed all the members for the 4th meeting of Board of Studies and mentioned about members from different states of south India.
2. Chairman / BoS briefed the members about the Agenda.
 - Discussion and action taken about previous BoS Meeting.
 - Briefing of AICTE Model Curriculum - 2018 to all members.
 - Briefing of Regulations 2019, course categories and credits.
 - To finalize the syllabus of the courses of II year third and fourth semester B.E EEE Programme.
 - Any other related matters.
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 meeting during COVID19 pandemic situation.
 - The Board of Studies members have gone through the curriculum and syllabi of B.E EEE Programme 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



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- Anna University nominee clarified about mathematics subjects and their contents of usage to B.E-EEE courses.

III Semester:	
• The following suggestions are given in "Analog Electronics" course:	
(i)	Subject expert member suggested to change "application" into "Applications"
(ii)	Subject expert member suggested to add "and" in module-II title as "BIPOLAR JUNCTION TRANSISTOR AND CIRCUITS"
(iii)	They have also suggested the following in Module-II: "Secondary breakdown" in second line, Analysis "and comparison" in third line
(iv)	Subject expert member suggested to add "high frequency equivalent circuit" in third line of Module-III and also to change "model" as "models" in the same line.
(v)	It is suggested to remove the Module-VI and keep them in course plan as an assessment activity. It is suggested for all the courses wherever suitable accordingly.
• The following suggestions are given in "Digital Electronics" course:	
(i)	Subject expert member suggested to add "Boolean postulates: laws, rules & theorems; Standard forms of Boolean expressions-conversions; Simplification using K-maps-3, 4 and 5 variables" in the module-I as separate paragraph.
(ii)	It is suggested to add "Simplification using Quine Mccluskey Method" in further reading.
• The following suggestions are given in "DC Machines and Transformers" course:	
(i)	Subject expert member suggested to insert "To study the construction, working and governing equations of dc machines and transformers" in the objectives.
(ii)	It is suggested to keep the module-I as: "Rekindling of magnetic circuit fundamentals; DC generator- Construction, Materials for different parts, development of lap and wave winding, EMF equation, excitation types, Commutation, Armature reaction, Compensating winding, and characteristics; Simulation study on dc separately excited dc generator."
(iii)	It is suggested to add "Energy saving options," as last part of Module-III.
(iv)	It is suggested to keep module-IV as two paragraphs Para-1: single phase transformer Para-2: Three phase transformer



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(v)	They have suggested to change the Module-V title as "Performance evaluation of Transformers"
(vi)	It is suggested to add "Calculation of All day efficiency" in module-V

The following suggestions are given in "DC Machines and Transformers Laboratory" course:	
(i)	Subject expert members suggested to combine "Swinburne's test and Load test on DC shunt motor" as one experiment.
(ii)	It is suggested to add "parallel operation of single phase transformers" experiment.

The following suggestions are given in "Analog and Digital Electronics Laboratory" course:	
(i)	Subject experts have suggested to split the "Analog and Digital Electronics Lab" into two for the importance of fundamentals of electronics and named them as (1) Analog Electronics Lab (2) Digital Electronics Lab
(ii)	It is suggested to include the experiments of Digital electronics Lab in the IV semester laboratory course "Analog and Digital Integrated Circuits Lab"
(iii)	They have also verified the experiments of both laboratory courses named (i) Analog Electronics Lab (in III semester) (ii) Analog and Digital Integrated Circuits Lab (in IV semester)

IV Semester:

The following suggestions are given in "Generation, Transmission and Distribution" course:	
(i)	University nominee and subject expert members have suggested to change the content of Module-I as: Structure of electric power system - Single line diagram, different operating voltages of generation, transmission and distribution. Types of energy and classification of power plants; Present Power position in India, Future Planning for Power Generation. Power Generation From Non-Renewable Energy Sources- Thermal and Nuclear based power generation Power Generation From Renewable Energy Sources – Solar, Wind, Hydro, Tidal, Geothermal, Fuel cell and Bio-mass based power generation.
(ii)	They have suggested to change the Module-II as:




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	MODULE-II: MECHANICAL DESIGN OF LINES, AND INSULATORS Mechanical design of OH lines – Line Supports, Types of towers, Stress and Sag Calculation-Towers at equal heights – Unequal heights, Effects of Wind and Ice loading, stringing chart. Insulators-Types, voltage distribution in insulator string, improvement of string efficiency, testing of insulators.
(iii)	Mr.B.Vinoth (Alumnus) has appreciated the syllabus contents of the course mainly renewable energy sources.
(iv)	Subject expert members have suggested to change the Module-III as: MODULE-III : PARAMETERS OF TRANSMISSION LINES, AND UNDERGROUND CABLES Parameters of single and three phase transmission lines; Resistance, inductance and capacitance of symmetrical and unsymmetrical transposed solid, stranded and bundled conductors; self and mutual GMD. Underground cables - constructional features of LT and HT cables, capacitance of single-core cable, grading of cables, power factor and heating, capacitance of 3-core belted cable; DC cables; Cable faults and testing.
(v)	Subject expert members have suggested to change the Module-IV as: MODULE-IV: PERFORMANCE OF TRANSMISSION LINES Performance of Transmission lines - short line, medium line and long line, equivalent circuits, Phasor diagram, attenuation constant, phase constant, surge impedance; transmission efficiency and voltage regulation; Real and reactive power flow in lines; surge impedance loading; Power Circle diagrams; Skin and proximity effects; Ferranti effect; Interference with neighboring communication circuits; Corona discharge characteristics, Critical voltage and corona loss; Methods of voltage control
(vi)	Subject expert members have suggested to change the Module-Vas: MODULE-V: DISTRIBUTION SYSTEMS AND SUBSTATION Distribution Systems – General Aspects, Radial and Ring main systems; Calculation of voltage in distributors with concentrated and distributed loads, Kelvin's law; Techniques of voltage control and power factor improvement; Substation-Types, typical key diagram of a 11kV / 400V substation; Grounding; Recent trends in transmission and distribution: EHVAC, HVDC and FACTS (Qualitative treatment only).
	■ The following suggestions are given in "Synchronous and Asynchronous Machines" course:

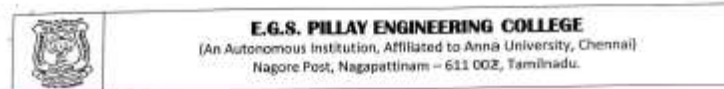


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(i)	Subject expert members have suggested to add "Power transfer equations and capability curves" in second line of Module-I
• The following suggestions are given in "Linear Integrated Circuits" course:	
(i)	Subject member expert suggested to rename the Module-IV title as " SIGNAL CONVERSION APPLICATIONS" and also suggested to add the contents of the same module with the following: "Active filters-Low pass, High pass, Band pass and Band reject filters; First, second and higher order filters."
(ii)	Industry expert member suggested to add the book "Microelectronic circuits-by A.S.Sedra and K.C.Smith" in reference list.
• The following suggestions are given in "Synchronous and Asynchronous Machines Laboratory" course:	
(i)	It is suggested to combine the experiments as " No load , blocked rotor test and load test on single phase induction motor"
(ii)	It is also suggested to combine the experiments as " No load , blocked rotor test and load test on three phase induction motor"
(iii)	Subject expert member suggested to add the experiment " Parallel operation of alternators/ synchronization of alternator with infinite bus bar"
(iv)	It is suggested to add the experiment "Synduction motor"
• The following suggestions are given in "Integrated Circuits Laboratory" course:	
(i)	Subject experts have suggested to rename this course as "Analog and Digital Integrated Circuits Laboratory" and also suggested to add the experiments of Digital Electronics Lab.
(ii)	They have also verified all the experiments of this laboratory.

- Subject expert members suggested to revise the references of all courses in standard format.
- Industry expert member suggested to consider the addition of laboratory experiments with comparison of simulation results with hardware output results.
- Industry expert member suggested to introduce the PC based measurements in one or two experiments so as to access the labs by students during pandemic/unusual situations.
- Subject expert member suggested to add the content of Environmental engineering course with "Sustainable Engineering" concepts.
- University nominee suggested to use "Virtual Labs" and also suggested to record the lab experiments and stream it to students through social media.



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4. The following resolutions were passed

- It is resolved to recommend the revised curriculum of B.E. EEE and the syllabi of second year (III and IV semester) courses 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 coordination.

Date: 11.06.2020

Place: Nagapattinam

Chairman (BoS)

University Nominee

Subject Expert

Subject Expert

Industry Expert

Alumni

Senior Faculty

Senior Faculty

Senior Faculty



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Board of Studies – Master of Business Administration

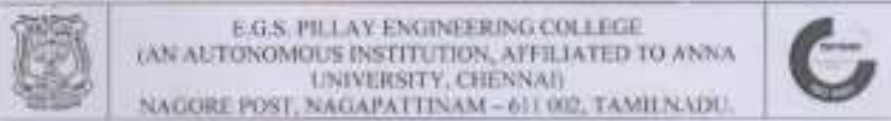


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Annexure-I

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 TIRUCHRAPPALLI	EXTERNAL EXPERT MEMBERS
4	Dr.M.P.PANDIKUMAR ASSOCIATE PROFESSOR(FINANCE) AREA CHAIR-FINANCE LOYOLA INSTITUTE OF BUSINESS ADMINISTRATION (LIBA) CHENNAI	
5	Mr.SAIRATH 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 KAMIL NATHAN	
9	Mrs.M.SAYEE SUDHA	

[Signature]
11/06/2020
DOS/Chairman-MBA





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ACTION TAKEN FOR THE 3RD BOARD OF STUDIES (BOS) MEETING

14.06.2020

BOS Minutes	Action Taken
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.	Accounting for Decision Making Included the topic International Financial Reporting Standards in the Unit I. In Unit II, it fund flow. In Unit-V Overhead costing is 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.	Operations Management It is decided to include the SimQuick/ Gold Sim in further readings of Operations Management.
Financial Management 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.	Financial Management 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.
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.	Computer Applications for Business Prepared syllabus with more experiments on Advanced MS Excel. Few experiments 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.	Business Communication Course transferred from Semester II to Semester I. The topic "How to communicate in Social media is included.
Professional Electives	



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<p>Security Analysis and Portfolio Management In Unit II Graham and Dodd investor ratios In Reference books the author name is V.A. Avadhani (I) was wrongly typed as Avadhani.</p> <p>Merchant Banking and Financial Services It is suggested to include "Supply Chain Financing" in this course.</p> <p>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 to be included in Unit II. Reference Books: Fundamentals of Financial Derivatives by N.R.Prasanna may be included. Derivatives and Risk Management by Sundaram Janakiraman may be included.</p> <p>Operations Modeling and Simulation The title Operations Modeling and Simulation course may be offered as a professional elective course for operations specialization students.</p>	<p>Security Analysis and Portfolio Management Topic "Graham and Dodd investor ratios" is corrected as suggested. In Reference books the author name is corrected as V.A. Avadhani.</p> <p>Merchant Banking and Financial Services It is decided to include "Introduction to Supply Chain Financing" in this course.</p> <p>Financial Derivatives 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.Prasanna is included. Derivatives and Risk Management by Sundaram Janakiraman is included.</p> <p>Operations Modeling and Simulation The title Operations Modeling and Simulation course is offered as a professional elective course for operations specialization students.</p>
<p>Non-Functional Elective Course 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>Creativity and Innovation It is suggested to shift the paper Creativity and Innovation from Self Study course to Non-Functional elective.</p>	<p>Non-Functional Elective Course Non-functional elective course is shifted from Semester II to Semester III.</p> <p>Creativity and Innovation Creativity and Innovation course is transferred from Self Study course to Non-Functional elective.</p>
<p>Employability Enhancement Course</p> <p>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.</p> <p>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.</p>	<p>Indian Ethos and Business Ethics This course is transferred from Semester I to Semester II.</p> <p>Summer Training It is decided to change the Summer Training as 4 weeks course.</p>



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<p>Project Work</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 (50% 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>Project Work</p> <p>All the suggestions related to project work is included in the regulations.</p>
<p>Self-Study Course</p> <p>Share Trading and Investments</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>Mutual Fund Analysis</p> <p>It is suggested to remove the unit II and III and replace with latest topics from NISM.</p>	<p>Share Trading and Investments</p> <p>Topics like Recent Practices in SEBI, Enabling DEMAT account, filing applications with broker and Pairing trading account with bank account is 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>Mutual Fund Analysis</p> <p>Unit II and III is removed and replaced with latest topics from NISM.</p>
<p>One Credit Course</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>Assessment and Evaluation</p> <p>20 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.</p> <p>50 marks may be given for End Semester examinations.</p> <p>General Observations</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 in the courses based on the course weightage (No. of weeks attended).</p>	<p>One Credit Course</p> <p>Courses such as 1. Sexual Harassment in Organization 2. Leadership and Change Management is included in one credit course.</p> <p>Assessment and Evaluation</p> <p>All the suggested points will be communicated to the Academic council meeting for further approval.</p> <p>General Observations</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>



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

[Handwritten Signature]
Dr. J. Jeytha
BOS/Chairman-MBA





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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 3rd meeting of Board of Studies
2. Chairman/BOS introduced the members present
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.
 - 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's investor ratios

In Reference books the author name is V.A. Aswathami (It was wrongly typed as Aswathi).

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 operation 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 Ethics 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 allowed 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

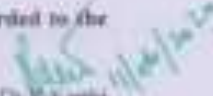
30 marks may be awarded for Continuous Internal Assessment Test (Test I & II); 20 marks may be given to Assignments/ Surprise test/ Seminar/ Quiz/Open Book test.
50 marks may be given for End Semester examinations.

General Observations

Similarities in titles in different categories may be avoided.

Students have to be encouraged to study Swagath 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. M. Karthi
BOS/Chairman-MBA



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Board of Studies – Master of Computer Applications





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)

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Page 1 of 5

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

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

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

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


Dr. J. Vanitha

Chairman (BoS)



Dr. Michael Arock

Subject Expert



Mrs. C. Mallika

Senior Faculty



Dr. J. Shana

University Nominee



Mr. S.S. Sathya Prakash

Industry Expert

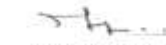


Mrs. A. Hema

Senior Faculty


Dr. T. Ramkumar

Subject Expert



Mr. S. Saravanan

Alumni



Senior Faculty



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Page 2 of 5

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

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University Nominee

Dr. T. Ramkumar

Subject Expert

Dr. Michael Arock

Subject Expert

Mr. SS. Sathya Prakash

Industry Expert

Mr. S. Saravanan

Alumni

Mrs. C. Mallika

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Mrs. A. Hema

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P. Karthikeyan

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Page 3 of 5

- 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.

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Subject Expert

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Page 4 of 5

- 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.


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Subject Expert


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Dr. T. Ramkumar

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Page 5 of 5

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

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

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

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

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

7. The following resolutions were passed

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

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

Date: 12-06-2020

Place: Nagapattinam

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