



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



Board of Studies Meeting

Attendance

Name of the Department : Information Technology

Meeting No : 01

Date & Time : 08-07-2017 & 9.30 A.M.

Venue : IT A/C Seminar Hall

Sl.No.	Name	Category	Signature
1	Prof. S. MANIKANDAN	Chairman	
2	Dr. V. RHYMEND UTHARIARAJ	University Nominee	
3	Dr. M. ARAMUDHAN	External Expert Members	
4	Dr. E. SIVASANKAR		
5	Mr. MUBARAK	Industry / Corporate Sector	
6	Mr. A. SARAVANAN	Alumnus	
7	Mr. S. P. GOPALAN		
8	Dr. S. KANNAN	Internal Members	
9	Prof. V. M. SURESH		
10	Prof. R. LAVANYA		
11	Prof. K. RAJU		

Chairman – BoS (IT)



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Nagore Post, 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.	01
Date & Time	08.07.2017 & 10.00 A.M.
Venue	IT A/C Seminar Hall

1. Chairman / BoS welcomed all members for the 1st 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.Tech – Information Technology Programmes
 - To finalize the curriculum of 3rd – 8th Semester B.Tech - Information Technology
 - 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.

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1. Dr. A. Amuthan suggested that, In Question paper pattern make one question as mandatory.

2. Dr. M. Aramudhan & Dr. E. Sivasankar insisted that objective type questions are not required instead we have to include comprehensive viva.

3. Mr. Mubarak insisted to include "Basics of computer knowledge" as zero credit course.

4. Dr. V. Rhymend Uthariaraj & Dr. A. Amuthan insisted to combine physics and chemistry courses with contents related to information and communication engineering.


5. Dr. V. Rhymend Uthariaraj suggested that, In "Programming in C" Course include Basic Algorithm development as a separate unit.

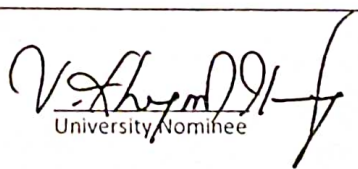
6. Dr. E. Sivasankar suggested that, While combining theory and practical courses we have to consider 2:1 mark ratio.

7. Dr. V. Rhymend Uthariaraj suggested to increase the credit points gradually from 1st to 8th semester.

8. Dr. M. Aramudhan advised to allocate tutorial or practical hours for communicative English course.

9. Dr. V. Rhymend Uthariaraj suggested that, Assign 4 hours tutorial for "Engineering mathematics" courses.

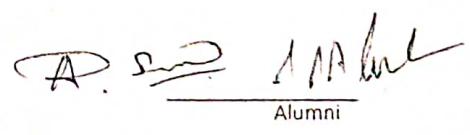

Chairman (BoS)

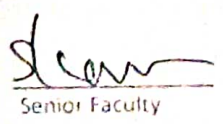

University Nominee


Subject Expert

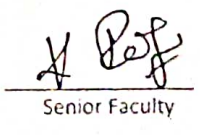

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10. Dr.V.Rhymend Uthariaraj & Dr.A.Amuthan pointed that there is No need for Basic Civil and Mechanical Engineering course in 2nd semester instead, include some IT related courses.

11. Dr.M.Aramudhan insisted that, In "C++" course 4 to 5 reference books are enough, also need updated books like "Object Oriented Programming in C++" by Robert Lafore.

12. Dr.V.Rhymend Uthariaraj & Dr.M.Aramudhan suggested to include generalized lab exercises only.

13. Dr.A.Amuthan insisted to include languages like German, Japanese instead of Hindi.

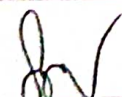
14. Dr.M.Aramudhan suggested to assign zero Credit for Technical Seminar courses instead of one credit course.

15. Dr.V.Rhymend Uthariaraj insisted to include "Building Smart City" as one credit Course.

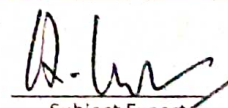
16. Dr.V.Rhymend Uthariaraj & Dr.M.Aramudhan insisted that ,Instead of "Digital Signal Processing" include "Theory of Computation" as core course.

17. Dr.E.Sivasankar & Dr.V.Rhymend Uthariaraj suggested to include Algorithm Analysis in data Structures Lab.

18. Dr.M.Aramudhan insisted to Combine Digital theory and lab Courses.

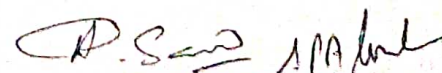

Chairman (BoS)



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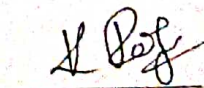

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19. Dr.M Aramudhan suggested to combine Microprocessor & Micro Controller Theory and lab courses, include Network lab as new course in that semester itself.

20. Dr.V Rhyimend Uthariaraj, Dr.M Aramudhan & Dr .M. Aramudhan suggested to swap the courses "Software Engineering" and "Object Oriented Analysis and Design " in 4th and 5th semesters.

21. Instead of 5th semester, keep "Java Programming "in 2nd semester.

22. No need of "Grid Computing" and keep "Cloud computing "itself as core course.

23. All programming papers have to be studied before 7th semester.

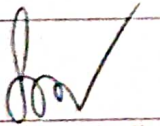
24. "Software Project Management "and"Security" courses are mandatory for curriculum.

25. Dr.V.Rhyimend Uthariaraj suggested to include "Software Testing "and "Deep learning "courses as a Electives.

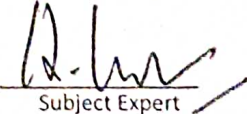
26. Include lab for "Internet of Things" and make as a core course.

27. Dr.E.Sivasankar suggested to add "R programming" as separate one credit course.

28. Dr.V.Rhyimend Uthariaraj Appreciated the concept of merging lab session with theory.

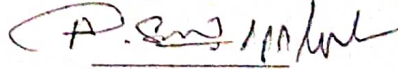

Chairman (BoS)

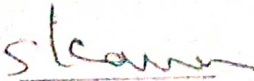

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Department Academic Advisory Committee

Agenda of the meeting:

- ❖ Formulating/Re-Drafting Vision, Mission, PEOs and PSOs of the Programme
- ❖ Conduct beyond syllabus
- ❖ Value added and industry certificate
- ❖ Research and development

Minutes of the meeting:

- ✓ Mr. S. Manikandan, HOD/IT explained the framing and activities of PEOs, PSOs and POs process and list some PEOs and PSOs to the members. As well as previous NBA experts discussion regarding vision, mission process
- ✓ Dr. Rhymend Uthariaraj was explained framing PSOs taken into account IT and ITeS services in various fields like data science, artificial intelligence, ect
- ✓ Dr. A. Aramudhan was happy the gap analysis done and he ensured participation from student in various courses
- ✓ He suggested PEOs and PSOs statements have recent trends, society needs, R&D and Employability and He told already three PEOs are available and suggest that add another PEO for concentrating Professional Societies and Higher studies.
- ✓ S.Manikandan shared by important of changes and improved in the new NBA format.
- ✓ The expert members suggested that invitè external expert members in end of each academic year to academic audit to meet CO to PO and PSO attainment process also get suggestion for improvement.


After the discussion and deliberation following are the finalized Vision, Mission, PEOs and PSOs of the B.Tech – Information Technology

Vision of the Department

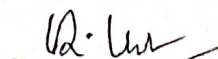
To produce globally competent information technologist and to inculcate values of leadership and research qualities in them

Mission of the Department

- To provide high quality Education to the students by our competent faculty members, effective teaching learning process and value added courses
- To create centres of excellence by interacting with industries for better employability and to contribute to the society through consultancy and R&D works.
- To improve the soft skill, interpersonal skill, ethical behavior and communication skill of students by involving them in team works and technical events


Chairman (BoS) / IT

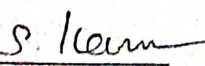

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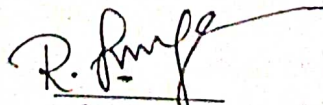

Subject Expert

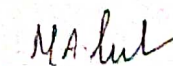

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PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. PEO1: Information Technology Graduates will have knowledge and competency for successful careers in and related to Information Technology
2. PEO2: Information Technology Graduates will contribute to the planning, design, implement and maintain computing systems to solve real life problems in the society with an understanding of the trade-offs and constraints involved while maintaining high professional ethical standards
3. PEO3: Information Technology Graduates are motivated to proceed to higher studies in Engineering or other Professional fields and promote awareness of the life-long learning
4. PEO4: Information Technology Graduates will work effectively as individuals and as team members in multidisciplinary projects

PROGRAM SPECIFIC OUTCOMES (PSOs)


At the end of B.Tech Information Technology Programmes Graduate will be able to

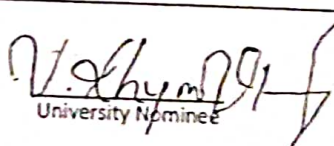
PSO 1: Apply core aspects of Information Technology and programming paradigms in order to facilitate processing, storage, retrieval, transmission and exchange of information

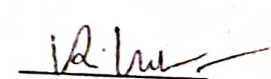
PSO 2: Provide solution to real world problems using Structured, Object Oriented Programming Languages and Open Source Software

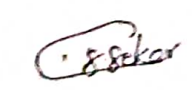
PSO 3: Solve Complex IT Problems as a Software Engineer, Software Analyst and Tester in IT and ITeS Consistency between PEOs and Mission

Mission	M1: To provide high quality Education to the students by our competent faculty members, effective teaching learning process and value added courses	M2: To create centres of excellence by interacting with industries for better employability and to contribute to the society	M3: To improve the soft skill, interpersonal skill, ethical behavior and communication skill of students by involving them in team
PEO Statements			
PEO1: Graduates will have knowledge and competency for successful careers in and related to Information Technology	3	2	1



Chairman (BoS) / IT

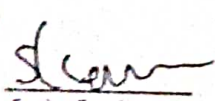

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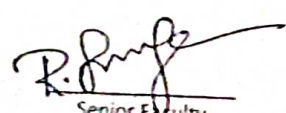

Subject Expert

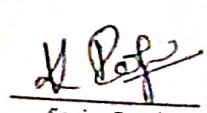

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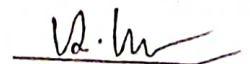
PEO2: Graduates will contribute to the design and implementation of software systems to solve real life problems in the society with an understanding of profession ethical standards	3	3	2
PEO3: Graduates are motivated to proceed to higher studies in Engineering or other Professional fields and promote awareness of the life-long learning	2	2	1
PEO4: Graduates will work and communicate effectively as individuals and as team members in multidisciplinary projects, research and development activities	2	3	3

Justification

- ✓ PEO1 (knowledge and competency) vs M1 (competent faculty members, effective teaching learning process) – **Substantial** –
- ✓ PEO1 (knowledge and competency) vs M2 (centres of excellence by interacting with industries for better employability) – **Moderate**
- ✓ PEO1 (knowledge and competency) vs M3 (soft skill, interpersonal skill, ethical behavior and communication skill and events) – **Slight**
- ✓ PEO2 (higher studies in Engineering or other Professional fields) vs M1 (competent faculty members, effective teaching learning process) – **Moderate**
- ✓ PEO2 (higher studies in Engineering or other Professional fields) vs M2 (centres of excellence by interacting with industries for better employability) – **Moderate**
- ✓ PEO2 (higher studies in Engineering or other Professional fields) vs M3 (soft skill, interpersonal skill, ethical behavior and communication skill and events) – **Slight**
- ✓ PEO3 (communicate effectively as individuals and as team members in multidisciplinary projects) vs M1 (competent faculty members, effective teaching learning process) – **Moderate**
- ✓ PEO3 (communicate effectively as individuals and as team members in multidisciplinary projects) vs M2 (centres of excellence by interacting with industries for better employability) – **Substantial**
- ✓ PEO3 (communicate effectively as individuals and as team members in multidisciplinary



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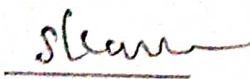

University Nominee


Subject Expert

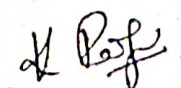

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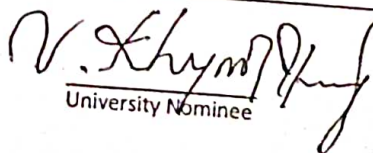

Senior Faculty

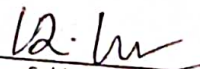
projects) vs M3 (soft skill, interpersonal skill, ethical behavior and communication skill and events) – Substantial

Finally Dr. P. Sivakumar, Prof/IT concluded the meeting with following action to be taken

- ❖ The Vision, Mission, PEOs and PSOs are redrafted based on expert members input of the B.Tech – Information Technology will inform to Principal and Governing Council Members. Plan to display and Disseminate to all stake holders
- ❖ Plan to conduct training course on higher studies and competitive exam


Chairman (BoS) / IT

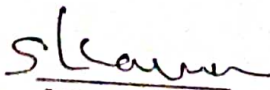

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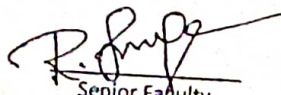

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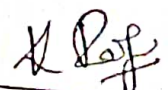

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Syllabus feedback - reg Inbox x

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Ramabalan Sund...

E.Sivasankar

to me, bosit

Dear Sir,

The syllabus for the course programming in C (theory component) is nicely prepared and can be approved in the present form. Regarding programming in C (Lab component) attached a list of programs used for our students. kindly use the programs in the list please include lab exercise with headings like

Exercise-1 Basic Programs -I
list of programs

Exercise -2 Basic Programs -II

Exercise -3 Working with Decision Making and Branching statements

Exercise -4 Working with Looping statements)

Exercise -5 Arrays

Exercise -6 Working with Strings

Exercise -7 Working with pointers

Exercise -8 Working with Structures

Exercise -9 Working with files in C

Exercise 0-Working with word and style sheets

Regards



Minutes of Board of Studies (BoS) Meeting

Name of the Department	Information Technology
Names of the Programmes	B.Tech – Information Technology
Meeting No	02
Date & Time	21.04.2018 & 09.30 A.M.
Venue	IT A/C Seminar Hall

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

1. Chairman / BoS welcomed all members for the 2nd meeting of Board of Studies
2. Chairman / BoS briefed the members about the Agenda.
 - Discussion and action taken about previous BoS Meeting
 - To finalize the syllabi of B.Tech – Information Technology Programme from Third to Eighth semester
 - Any other matters.
3. The following are the suggestions given by the member of Board of Studies.
 - The Board of Studies members have gone through the curriculum and syllabi of 3rd – 8th semester B.Tech – Information Technology Programme

Under Graduate **B. Tech - Information Technology**

Third Semester:

- In Engineering Mathematics III, According to the need IT change the content and give practical based experiments
- In **Data Structure and Algorithms**, **Algorithm complexity measurement** have to be included
- In Computer Architecture, change the syllabus by referring other university and NIT syllabus
- In Principles of communication, add real time IT related case studies and applications
- In DBMS, change second unit content to first unit, include normalization topics after SQL commands and languages

Fourth Semester:

- In **Probability Queuing Theory**, Include topics related to applications of Queuing theory using simulators
- In Operating Systems, must include list of OS with its characteristics and applications as a case study in unit 5
- Instead of Microprocessor and Microcontroller course, include Internet of Things with laboratory or tutorial component in Semester 4



Fifth Semester:

- In Web Programming, include some open source software like PHP ... in server side programming
- In Graphics and multimedia laboratory, Add more Multimedia related exercises
- In web programming laboratory, students need to create a new web page of their own and suggestion to merge CASE tools and web programming as mini project

Sixth Semester

- In Data warehousing and Data Mining, include topics like Data warehouse schema design, Data warehouse implementation, data preprocessing, Predictive analytics, Data mining introduction, latest clustering algorithms such as density, model based clustering
- In Data warehousing and Data Mining laboratory, instead of WEKA tool R and Python programming are suggested
- In Mini projects, students are advised to develop some application oriented projects and solve the specific problem

Seventh Semester:

- In Data Analytics, change the course title as “Introduction to Big Data Analytics” and include the topics Introduction to Data Science, Data Classification, Data Analytics and some topics related to data warehouse
- In security in computing, suggested to include hacking related topics

Eighth Semester:

- In project work, suggested to prepare specific guideline for choosing IT related projects

Electives

- Make Theory of computation and compiler design course as Compulsory elective
- Change the course name Multi core architecture as “Multi core Programming”
- In compiler design, include case study for all the 5 units
- Change the course name Main frame computing as “Main frame Systems”
- In Data center and Virtualization, change the topic introduction to data centers from unit 4 to unit 1 and give more applications
- In ERP, need to focus more on implementation and challenges of ERP
- In Service Oriented Architecture, change the unit 1 as Fundamentals of SOA and Unit 2 as Review of XML
- In Graph theory and Applications, include one separate unit for application part
- In Deep learning, the topic Natural Language Processing to be included in unit 5 as case study
- In Business Intelligence, change unit 3 title as “ Business Intelligence models and applications” and change model topic from unit 5 to unit 4



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- In Visualization techniques, need to include tools for data visualization as case study
- Include Soft Computing as Elective Course

One credit course

- Change the course title Agriculture for Engineers as “IT for Agriculture”

B.E – Electrical and Electronics Engineering

- Reduce Soft Computing course content and include EEE related problems and tutorial
- Object Oriented Programming course include any one language C++ or Java

General points

- Appreciated Curriculum, Syllabus, One credit courses, combined theory & lab component courses
- Suggested to reduce the number of theory courses as 5 per semester and combine theory and lab courses
- Need to evaluate the programming skill of the students by solving real time problems
- In language elective, need to include other country languages like Japanese, Germany, France and Chinese
- Need to categorize the electives as preferable based on recommendation and prerequisite
- Include Node JS and placement related course as one credit course
- Include Project Planning, Evaluation and Team Management as elective course
- Among 3 one credit courses, one should be a online course
- Give more flexibility in one credit courses as like the course may be handled by other university/country experts
- Review meeting should be conducted at the end of every semester to get the students & faculty feedback and make changes according to it
- Suggested to reduce the credit point from 183 to 175
- Need to check/change all the reference books are to be a latest editions
- 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



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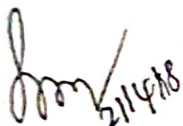
4. The following resolutions were passed

- It is resolved to recommend the curriculum and syllabi of Third to Eighth semester of B.Tech – Information Technology Programme to the Academic Council for approval.

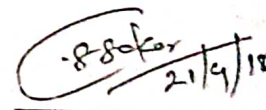
The Chairman, Board of Studies thanked all the members for their valuable suggestions and coordination.

Date: 21/04/2018

Place: Nagapattinam

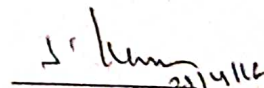

Chairman (BoS)

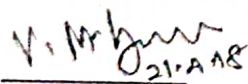

University Nominee

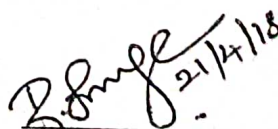

Subject Expert

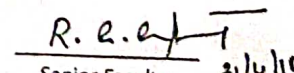

Industry Expert




Alumni


Senior Faculty


Senior Faculty


Senior Faculty


Senior Faculty

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

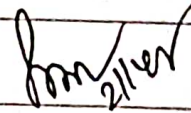
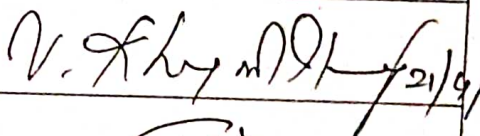
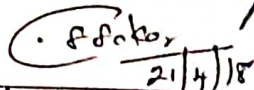
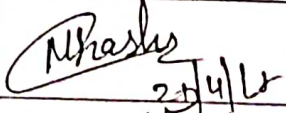
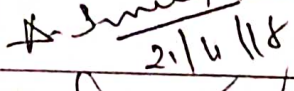
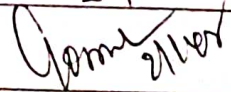
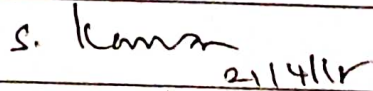
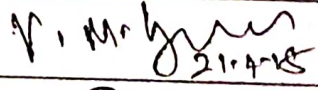
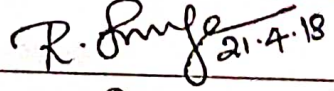
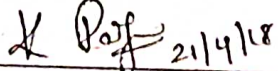
Attendance

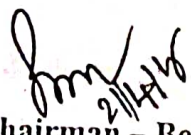
Name of the Department : Information Technology

Meeting No : 02

Date & Time : 21-04-2018 & 10.00 A.M.

Venue : IT A/C Seminar Hall

Sl.No.	Name	Category	Signature
1	Prof. S. MANIKANDAN	Chairman	 21/4/18
2	Dr. V. RHYMEND UTHARIARAJ	University Nominee	 21/4/18
3	Dr. E. SIVASANKAR	External Expert Members	 21/4/18
4	Mr. MUBARAK	Industry / Corporate Sector	 21/4/18
5	Mr. A. SARAVANAN	Alumnus	 21/4/18
6	Mr. S. P. GOPALAN		 21/4/18
7	Dr. S. KANNAN	Internal Members	 21/4/18
8	Prof. V. M. SURESH		 21-4-18
9	Prof. R. LAVANYA		 21-4-18
10	Prof. K. RAJU		 21/4/18


 21/4/18
 Chairman - BoS (IT)

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>

Wed, Jun 3,
10:15 AM (7 days
ago)

from: HOD
IT <hodit@egspec.org>
to: saravanan4sap@gmail.com
date: Jun 3, 2020, 10:15 AM
subject: EGSPEC-IT_BoS-R2019 -
Reg
mailed- egspec.org
by:

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 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>

Thu, Jun 4, 1:51
PM (6 days ago)

to myogeekumar

EGSPEC - IT - R2019 - BoS - reg
Inbox

HOD IT <hodit@egspec.org>

Wed,
May 20, 1:57
PM

from: HOD
IT <hodit@egspec.org>
to: dkr@ity.psgtech.ac.in
cc: Academic Council
EGSPEC
<ac@egspec.org>
date: May 20, 2020, 1:57 PM
subject: EGSPEC - IT - R2019 -
BoS - reg
mailed-by: egspec.org

Dear Madam

Greetings

I am (S.Manikandan), HoD and Chairman Board of Studies of Department of Information Technology, E.G.S. Pillay Engineering College (Autonomous), Nagapattinam

We received University Nominee order from Anna University and you are nominated as a University Nominee of our department. On Behalf of management and faculty members I am welcoming you and your support for implementing an autonomous system.

2016 we got autonomous status and followed R2017 for III and IV Year students. Last year we changed R2019 and curriculum based on AICTE guidelines. As per direction from our college member secretary and principal kindly send curriculum and syllabus to expert members for discussion implementation. We will plan to conduct a meeting on May End or June month. Herewith i attached R2019 B.Tech - IT Curriculum and Syllabus for your reference. Kindly give your valuable suggestions and feedback.

Thank and regards

--
by
Prof. S. MANIKANDAN, M.E.,(Ph.D)
Assistant Professor & Head
Chairman - Board of Studies

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>

Wed, Jun 3,
10:15 AM (7 days
ago)

from: HOD
IT <hodit@egspec.org>
to: saravanan4sap@gmail.com
date: Jun 3, 2020, 10:15 AM
subject: EGSPEC-IT_BoS-R2019 -
Reg
mailed- egspec.org
by:

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.

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Thanks & Regards

HOD IT <hodit@egspec.org>

to myogeeskumar

Thu, Jun 4, 1:51
PM (6 days ago)

<sivasankar@nitt.edu>

date: May 20, 2020, 1:44 PM

subject: R2019 - BoS - Reg

mailed-by: 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

--

R2019 - BoS - Reg

HOD IT <hodit@egspec.org>

Wed, May
20, 1:45
PM

to Subramaniyan

from: HOD IT <hodit@egspec.org>

to: Subramaniyan Pasupathi
<pathyannamalai@gmail.com>

date: May 20, 2020, 1:45 PM

subject: R2019 - BoS - Reg

mailed-by: egspec.org

Dear Sir

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

Dear Sir

As per discussion on 01/06/2020, communicated University Nominee, Subject Expert members and they accepted for BoS meeting as our convenience after June 10, 2020 to June 15, 2020. I sent R2019 Curriculum and Syllabus to all the experts and am expecting their comments within this week.

Thanks

EGSPEC-IT- BoS Meeting - Invitation - Reg

HOD IT <hodit@egspec.org>

to DKR-IT, Elango, Subramaniam, Yogeess, saravanan4sap, Academic, Chinnadurai, Ramaba

from: HOD IT <hodit@egspec.org>
to: DKR-IT PSG CT <dkr.it@psgtech.ac.in>, Elango Sivasankar <sivasankar@nitt.edu>, Subramaniam Pasupathi <pathyannamalai@gmail.com>, Yogeess Kumar <myogeesskumar@gmail.com>, saravanan4sap@gmail.com, Academic Council EGSPEC <ac@egspec.org>
cc: Chinnadurai M <mchinna81@gmail.com>, Ramabalan S <principal@egspec.org>, it <it@egspec.org>, Anakath AS <anakath@egspec.org>
date: Jun 10, 2020, 11:08 AM
subject: EGSPEC-IT- BoS Meeting - Invitation - Reg
mailed- egspec.org
by:

Dear Sir/Madam

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

As per earlier discussion, we plan to conduct BoS Meeting on 13/06/2020, 09.45 AM via Zoom.

The meeting agenda is follows as,

1. Discussion about Previous Meetings and Activities
2. Department Academic Advisory
3. EGSPEC R-2019 III to VIII Curriculum and Syllabus Approval including Elective and one credit courses

The following are the Zoom Meeting Link for your reference

Dear Mr. Yogeswaran, 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.

We will plan to conduct Online Meeting from 10-06-2020 to 13-06-2020 (1 day) as your convenient date and time.

Thanks & Regards

IT BoS - Reg

HOD IT <hodit@egspec.org>

Wed, Jun 3,
10:40 AM (7 days
ago)

to dkr, Elango, Subramaniyan, saravanan4sap, Ramabalan, Academic, Chinnadurai

Dear All

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

Thanks for your valuable support for implementing an autonomous system to our college/department.

I already sent B,Tech - IT EGSPEC R2019 Curriculum and Syllabus for your kind perusal. I am waiting for your suggestion and commands, based on your recommendation and suggestion we will plan to conduct a BoS meeting via Online from 10-06-2020 to 13-06-2020. Kindly check your availability date and time. We will conduct the meeting for further discussion.

Thanks and Regards

BoS Meeting - Reg

HOD IT <hodit@egspec.org>

Wed, Jun 3, 9:43
AM (7 days ago)

to Academic, Ramabalan, Chinnadurai

Sivasankar NITT
last seen today at 9:34 AM



TODAY

Dear Sir/Madam

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

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2. Department Academic Advisory
3. EGSPEC R-2019 III to VIII Curriculum and Syllabus Approval including Elective and one credit courses

The following are the Zoom Meeting Link for your reference
MANIKANDAN S is inviting you to a scheduled Zoom meeting.

Topic: BoS Meeting EGSPEC IT

Time: Jun 13, 2020 09:45 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

[https://us04web.zoom.us/j/71538561160?](https://us04web.zoom.us/j/71538561160?pwd=V01kQ0tPMS9lbEI6R2phamM2Qy9JZz09)

[pwd=V01kQ0tPMS9lbEI6R2phamM2Qy9JZz09](https://us04web.zoom.us/j/71538561160?pwd=V01kQ0tPMS9lbEI6R2phamM2Qy9JZz09)

Meeting ID: 715 3856 1160

Password: 123456

11:11 AM ✓

 Pasupathi Sir
online



TODAY

Messages you send to this chat and calls are secured with end-to-end encryption. Click for more info.

Dear Sir/Madam

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

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[pwd=V01kQ0tPMS9lbEI6R2phamM2Qy9JZz09](https://us04web.zoom.us/j/71538561160?pwd=V01kQ0tPMS9lbEI6R2phamM2Qy9JZz09)

Meeting ID: 715 3856 1160

Password: 123456

11:11 AM ✓

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Topic: BoS Meeting EGSPEC IT

Time: Jun 13, 2020 09:45 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://us04web.zoom.us/j/71538561160?pwd=V01kQ0lPM50lbE10R2phamM2Qy0JZz09>

Meeting ID: 715 3856 1160

Password: 123456

Kindly acknowledge the same and Thanks

--

by

Prof. S. MANIKANDAN, M.E.,(Ph.D)

Assistant Professor & Head

Chairman - Board of Studies

Head - Social Media and Branding

Coordinator - ICT Academy

TNSCST - Travel Grand Awardee (2019)

Industry Instructor - Oracle Academy I Learning Instructor, IBM Rational

Architect, EMC Academic Associate, Amazon Web Services Nodal

Ambassador, VMWare Data Scientist; Google Smart Deployer, Sales Force Trail Head

Master, Palo Alto Accredited Configuration Engineer (ACE), TechGig Code Gladiator

NPTEL - Translator

Trainer - Outcome Based Education and Accreditation, NBA, NAAC, Autonomous

Implementation

SPoC - AICTE Smart India Hackathon, Chatra Viswakarma

Membership - IEEE, IEI, ISTE, Vidwan, ASDF, UACEE, ACM, CSTA

IEEE - Best Organizing Secretary Award (2017)

Department of Information Technology

(Accredited by NBA)

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

Mobile: +91-9047902685, +91-9500707894

Website: <https://sites.google.com/site/profmaniit/>

When Sat 13 June 2020, 9:45 AM

Topic BoS Meeting EGSPEC IT

Meeting ID 715 3856 1160

Duration 45 minutes

Password 123456

Start Meeting

Add to Calendar

Add Invitees

Delete Meeting

Personal Meeting ID
932 203 9640

Start **Send Invitation** **Edit**

13 June 2020

09:45 AM **BoS Meeting EGSPEC IT** **Start**
Meeting ID: 715 3856 1160



Saravanan IT



TODAY

Dear Sir/Madam

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

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Topic: BoS Meeting EGSPEC IT

Time: Jun 13, 2020 09:45 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

[https://us04web.zoom.us/j/71538561160?](https://us04web.zoom.us/j/71538561160?pwd=V01kQ0tPM59ibE16R2phamM2Qy9lZz09)

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Meeting ID: 715 3856 1160

Password: 123456

11:11 AM ✓



IT DEPT Accredited by NBA

Anakath MCA, Anand Babu, Balaji, LAVANYA IT, Manikandakumaran, Muthunayagam, Nagalakshmi, Raju, RG GOKILA, Sri...



TODAY

Dear Sir/Madam

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

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Topic: BoS Meeting EGSPEC IT

Time: Jun 13, 2020 09:45 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

[https://us04web.zoom.us/j/71538561160?](https://us04web.zoom.us/j/71538561160?pwd=V01kQ0tPM59ibE16R2phamM2Qy9lZz09)

[pwd=V01kQ0tPM59ibE16R2phamM2Qy9lZz09](https://us04web.zoom.us/j/71538561160?pwd=V01kQ0tPM59ibE16R2phamM2Qy9lZz09)

Meeting ID: 715 3856 1160

Password: 123456

11:28 AM ✓

Zoom Meeting

Meeting ID: 711538561160

Participants (13)

Find a participant

- MAHAKANDAN S (Host, Mute)
- Dr. Sureshbabu George
- Harjagobalan Karthikeyan
- Anand Babu.R
- K. Srihitha
- Karthika Ramakrishnan
- Lavanya
- RAJU IT
- S. Pasupathy
- Saravanan
- V.M.Suresh
- Pragna Kumar
- MAHAKANDAN S

Meeting Controls: Mute, Video Off, Screen Off, Chat, Help, Stop All Video, End Meeting

Zoom Meeting

Meeting ID: 711538561160

Meeting Topic: BGS Meeting EGSPRECIT

Host: MAHAKANDAN S

Password: 123456

Invite Link: <https://us04web.zoom.us/j/711538561160?pwd=V01kQ0p0P...>

Join Audio, Share Screen, Invite Others

Meeting Controls: Mute, Video Off, Screen Off, Chat, Help, Stop All Video, End Meeting

Handwritten signature



Yogesh kumar L & T
last seen yesterday at 11:59 PM



9:41 AM

TODAY

Dear Sir/Madam

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

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MANIKANDAN S is inviting you to a scheduled Zoom meeting.

Topic: BoS Meeting EGSPEC IT

Time: Jun 13, 2020 09:45 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

[https://us04web.zoom.us/j/71538561160?](https://us04web.zoom.us/j/71538561160?pwd=V01kQ0tPM59lbE16R2phamM2Qy9JZz09)

[pwd=V01kQ0tPM59lbE16R2phamM2Qy9JZz09](https://us04web.zoom.us/j/71538561160?pwd=V01kQ0tPM59lbE16R2phamM2Qy9JZz09)

Meeting ID: 715 3856 1160

Password: 123456

Activate Windows

11:11 AM



Dr Karthika Renuka PSG



11:11 AM

Dear Sir/Madam

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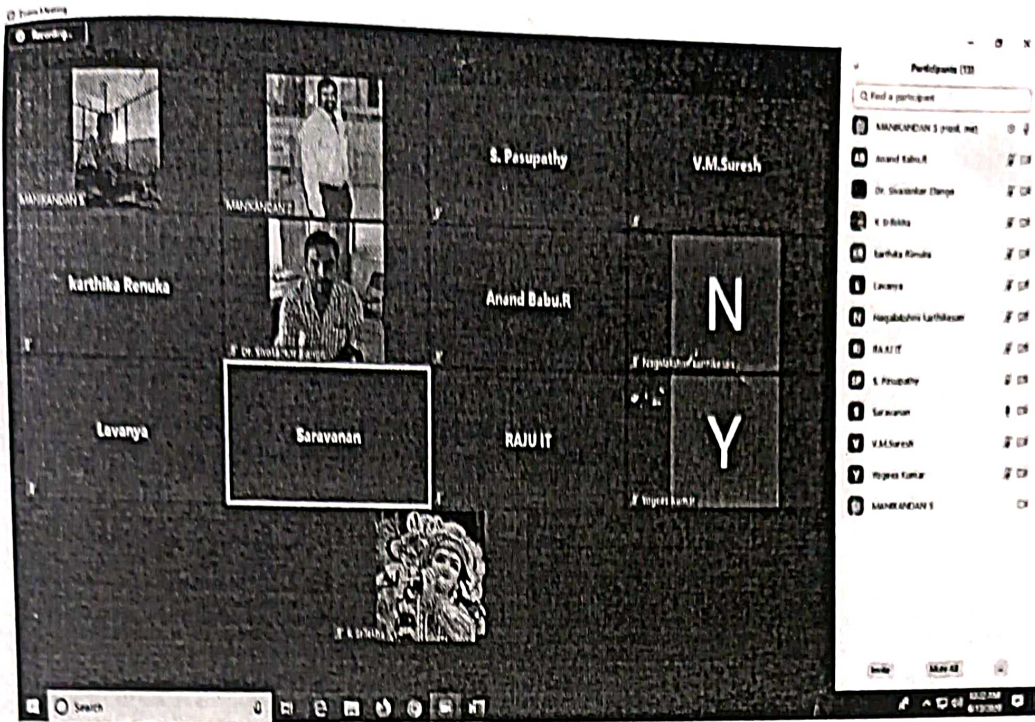
[https://us04web.zoom.us/j/71538561160?](https://us04web.zoom.us/j/71538561160?pwd=V01kQ0tPM59lbE16R2phamM2Qy9JZz09)

[pwd=V01kQ0tPM59lbE16R2phamM2Qy9JZz09](https://us04web.zoom.us/j/71538561160?pwd=V01kQ0tPM59lbE16R2phamM2Qy9JZz09)

Meeting ID: 715 3856 1160

Password: 123456



11:11 AM



BoS: Proof

<https://drive.google.com/open?id=1FWDvuKrMTT-tkDTu1ehfOvGIhgp2VApt>

A handwritten signature in black ink, appearing to be 'Soni'.

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

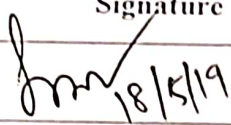
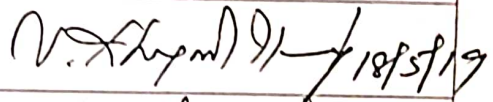
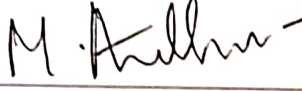
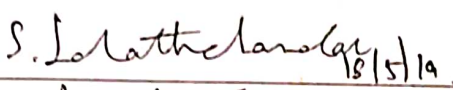
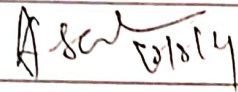
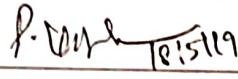
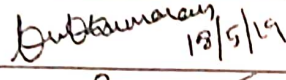
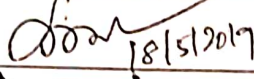
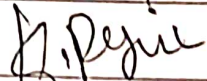
Attendance

Name of the Department : Information Technology

Meeting No : 03

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

Venue : IT A/C Seminar Hall

Sl.No.	Name	Category	Signature
1	Prof. S. MANIKANDAN	Chairman	 18/5/19
2	Dr. V. RHYMEND UTHARIARAJ	University Nominee	 18/5/19
3	Dr. M. ARAMUDHAN	External Expert Members	
4	Mr. SARATH CHANDAR	Industry / Corporate Sector	 18/5/19
5	Mr. A. SARAVANAN	Alumnus	 18/5/19
6	Dr. P. VIJAYALAKSHMI	Internal Members	 18/5/19
7	Prof. K. MANIKANDA KUMARAN		 18/5/19
8	Prof. R. LAVANYA		 18/5/2019
9	Prof. K. RAJU		


 Chairman - BoS (IT)

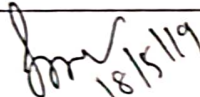


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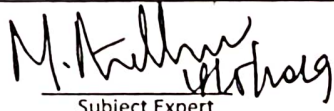
Minutes of Board of Studies (BoS) Meeting

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

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


Chairman (BoS) / IT

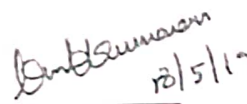

University Nominee


Subject Expert


Industry Expert


Alumni


Senior Faculty


Senior Faculty


Senior Faculty


Senior Faculty

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

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

Department Academic Advisory

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

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

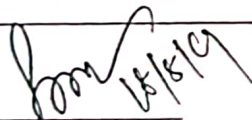
1. The following resolutions were passed

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

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

Date: 18/05/2019

Place: Nagapattinam


Chairman (BoS) / IT

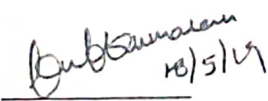

University Nominee

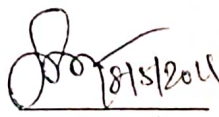

Subject Expert


Industry Expert


Alumni


Senior Faculty


Senior Faculty


Senior Faculty


Senior Faculty



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

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Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi

An ISO 9001 : 2015 Certified Institution

Website: www.egspec.org, Email: principal@egspec.org, Ph: (04365) 251112, Fax: (04365) 251114

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

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

Date : 14/05/2019

To

Dr.M.Aramudhan,

Professor and Head of IT,

Perunthalaivar Kamarajar Institute of Engineering and Technology,

Karaikal.

Sir,

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

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

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

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

Thanking you,



Yours faithfully,

PRINCIPAL



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

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

Date : 14/05/2019

To

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

Sir,

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

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

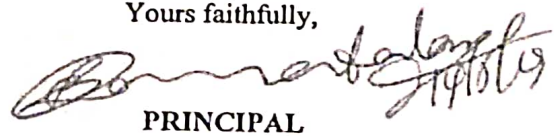
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We invite you to attend the meeting and share your valuable experience for the successful implementation of the Regulations R2019 in our Autonomous system for the benefit of all stake holders.

Thanking you,



Yours faithfully,



PRINCIPAL



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

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

Date : 14/05/2019

To

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

Sir,

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

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

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

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

Thanking you,

Yours faithfully,



PRINCIPAL

3rd BoS Meeting - reg

Inbox

Fri, May 17,
12:35 PM

HOD IT <hodit@egspec.org>

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

Dear Sir

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

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


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

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

Thanking you and We will meet you on tomorrow

E.G.S. PILLAY ENGINEERING COLLEGE
(Autonomous)
NAGAPATTINAM – 611 002

Department of Information Technology



18th May 2019

**HEARTY WELCOME TO ALL
BOARD OF STUDIES MEETING**

AGENDA

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

BOARD OF STUDIES MEMBERS

S.No	Name	Category
1	Dr. V.RHYMEND UTHARIARAJ Professor / IT Madras Institute of Technology, Chennai	University Nominee
2	Dr. E. SIVASANKAR Assistant Professor / CSE National Institute of Technology, Trichy	External Expert Members
3	Mr. MUBARAK Managing Director Vivid InfoTech Software Solutions Chennai – 600092	Industry Experts
4	Mr. A. SARAVANAN Senior IT Operations Analyst Accenture, Bangalore	Alumni
5	ALL THE FACULTY MEMBERS OF IT	Internal

STRUCTURE OF THE PROGRAMME

S.No	Category	Credits
A	Foundation Courses	30
	Humanities, Social Science and management (HSSS)	15
	Basic Science (BS)	23
	Engineering Science (ES)	12
B	Professional Core Courses	53
C	Elective Courses	33
	Programme specific Electives	18
	Open Electives	6
	Humanities, Social Science and management (HSSS) Electives	9
D	Project work, seminar, internship in industry or in Higher Learning Institutions	16
E	Mandatory Courses - Environment Science, Industrial Programme, Indian Civilization, Essence of Indian Tradition Knowledge, co-curricular Affairs (as per UEC guidelines)	None Credit (Not included in CGPA)
	Minimum Credits to be earned for the award of the Degree	152 (from A to E) and the successful completion of Mandatory Courses

EGS PILLAY ENGINEERING COLLEGE

MINUTES OF PREVIOUS MEETING

1. Finalized Curriculum and Syllabus III and VIII Semesters
2. Discussed Question Paper and Evaluation Pattern
3. Included Language Elective course and completed Hindi Course in 2017-18 Even Semester
4. Included Algorithm Analysis part in Data structure course as well as changed course name into Data Structures and Algorithms
5. Interchanged Software Engineering and OOAD course in 4th and 5th Semester

EGS PILLAY ENGINEERING COLLEGE

MINUTES OF PREVIOUS MEETING (contd.) General Points

1. Appreciated Curriculum, Syllabus and Combined Lab and Theory courses
2. Suggested number of theory courses as 5 per semester
3. Give more important to real time problem solving
4. Include placement related one credit courses

EGS PILLAY ENGINEERING COLLEGE

MINUTES OF PREVIOUS MEETING (contd.)

6. Changed Software Project Management and Security as core course
7. Included Software Testing and Deep Learning as Elective Courses
8. Included Professional Ethics in Engineering Course as Core course in 7th Semester
9. As per recommendation we included following one credit courses – R-Programming, Building Smart Cities

EGS PILLAY ENGINEERING COLLEGE

IMPLEMENTATION (III and IV Semester)

1. Completed 2 One credit courses Oracle PL/SQL and Oracle Java Programming and included their mark sheet
2. Visited BSNL, Karaikal for On-site seminar
3. Visited UST Global, Cochin for Industrial Visit
4. IoT Lab created for doing real time projects – 2 Project selected (1 – AICTE Hackathon, 1- AICTE Chatra Viswakarma Awards, 12 – Idea submitted to AICTE Hackathon)



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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">Small changes or modifications in the syllabus approved by Chairman BOS in Department Academic meeting and recommended to pass in BoS meeting, subsequently ratified in Academic councilThe 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	<ul style="list-style-type: none">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
2.	<ul style="list-style-type: none">Industry related training is required for students and provide Hands on based experience	<ul style="list-style-type: none">Skillrack and E-Box training started for students and problem based learning practice initiated
3.	<ul style="list-style-type: none">Online Industry training will be considered for internship	<ul style="list-style-type: none">TCS iON, ICT Academy Learnathon activities are conducted for students and it is continuous process doing for students regularly
4.	<ul style="list-style-type: none">Programme Assessment Committee	<ul style="list-style-type: none">PAC Committee will be constituted after the result will be published for 2021 passed out it will be conducted with PO and PSO attainment
5.	<ul style="list-style-type: none">AICTE SPICES Project	<ul style="list-style-type: none">2 Student patent, 3 students Projects submitted
6.	<ul style="list-style-type: none">HSS Elective	<ul style="list-style-type: none">HR in IT, Engineering Economics courses added in HSS Elective
7.	<ul style="list-style-type: none">Industry 4.0 courses to added	<ul style="list-style-type: none">Block Chain Technology, Computer Vision, Machine Learning courses are added in Elective
8.	<ul style="list-style-type: none">Provide option for Innovation, Design Thinking, Social Entrepreneurship as elective courses	<ul style="list-style-type: none">Design Thinking for Innovation, Social Entrepreneurship courses added in HSS Elective

HoD/IT

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

VENUE	SJB214 - Department of IT		
CONVENED ON 08/07/2021	TIME: FROM 01.00 PM TO 01.30 PM		
List Of Members Attended	<ol style="list-style-type: none"> 1. Dr. P. Vijayalakshmi, Professor 2. Dr.A.S Anakath, 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. Suresh, Asst. Prof 7. Ms. R.G. Gokila, Asst. Prof 8. Ms. R. Lavaniya, Asst. Prof 9. Mr. R. Anand Babu, Asst. Prof 10. Dr. K. Raju, Asst. Prof 11. Ms. P. Ponnaruvi, Asst.Prof 12. Ms. R. Vignesh, Asst.Prof 13. Ms. R. Lalitha, Asst.Prof 		
Action Taken on Previous Meeting	Agenda Points	Details Of Discussion	Responsible Person and Target Date
<ol style="list-style-type: none"> 1. Academic Audit 2. Students Interaction and Activities 3. Curriculum and Design 	BoS Meeting	<ol style="list-style-type: none"> 1. The 5th 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.P.V

VMS

RAB

Dr.ASA

KR

RGG

Dr.KMK

RL

RLA

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

KN

PP

RV



Department of Information Technology

Board of Studies (BoS) Members

Sl.No.	Name	Role
1	Dr. S. MANIKANDAN Associate Professor & Head of the Department Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002 Mobile: +91-9047902685 Email: hodit@egspec.org	Chairman – BoS
2	Dr. D. KARTHIKA RENUKA Associate Professor Department of Information Technology PSG College of Technology Coimbatore – 641 004 Email: dkr@ity.psgtech.ac.in Mobile: +91-9976128726	University Nominee
3	Dr. E. SIVASANKAR Assistant Professor / CSE National Institute of Technology, Trichy Email: sivasankar@nitt.edu Mobile: +91-9443744680	Subject Expert
4	Dr. S. PASUPATHY Associate Professor / CSE Annamalai University, Annamalai Nagar Email: pathyannamalai@gmail.com Mobile: +91-9443940576	Subject Expert
5	Mr. YOGESH KUMAR L & T Infotech, Chennai Email: myogeekumar@gmail.com Mobile: +919500036077	Industry
6	Mr. A. SARAVANAN Senior IT Operations Analyst, Accenture, Bangalore Email: saravanan4sap@gmail.com Mobile: +91-8892131312	Alumni
7	Dr. P. VIJAYALAKSHMI Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002	Member
8	Dr. A.S. ANAKATHI Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002	Member

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


 BoS/IT (Chairman)




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Nagore Post, 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	16.07.2021 & 10.30AM
Venue	IT A/C Seminar Hall & Online Google Meet: meet.google.com/zir-ehb-zgi Topic: BoS Meeting EGSPEC IT

1. Chairman / BoS welcomed all members for the 5th 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 III 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

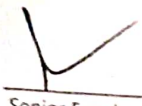

University Nominee

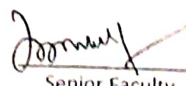

Subject Expert


Subject Expert


Industry Expert



Alumni


Senior Faculty



Senior Faculty


Senior Faculty

- 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 EGSPEC2019 curriculum
- EGSPEC2017 Curriculum and Syllabus – 2021, 2022 batches studied courses are verified and check one 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 Nominee


Subject Expert


Subject Expert


Industry Expert

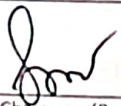

Alumni


Senior Faculty


Senior Faculty


Senior Faculty

- 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 it 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



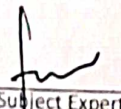
Chairman (BoS) / IT



University Nominee



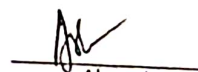
Subject Expert



Subject Expert



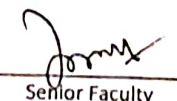
Industry Expert



Alumni



Senior Faculty



Senior Faculty



Senior Faculty


1. The following resolutions were passed

- It is resolved to recommend the changes in curriculum and syllabi of 3rd to 8th 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.

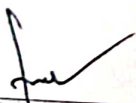
Date: 16/07/2021

Place: Nagapattinam


Chairman (BoS) / IT



University Nominee

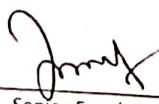

Subject Expert

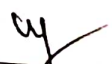

Subject Expert


Industry Expert


Alumni


Senior Faculty


Senior Faculty


Senior Faculty

Dr.S.Pasupathy

Associate Professor / CSE

Annamalai Univerisity

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 objectivities, 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 3rd 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 it GD is needed for credit for calculation
18. For internship students can opt online interhsip or certification traning 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 Expert Suggestion by mail

Dr.
HoD

date: Jun 02, 2021, 3 20 PM
subject: R2019 - BoS - Reg
mailto: 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>

to: HOD
cc: IT <hodit@egspec.org>
cc: saravanan4sap@gmail.com
date: Jun 3, 2021, 10:15 AM
subject: EGSPEC-IT_BoS-R2019 -
Reg
mailto: 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

HOD IT <hodit@egspec.org>

HOD

IT <hodit@egspec.org>

to Elango Sivasankar
<sivasankar@nitt.edu>

date: Jun 02, 2021, 2:45 PM

subject: R2019 - BoS - Reg

mailed by: 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

--

R2019 - BoS - Reg

HOD IT <hodit@egspec.org>

to Subramaniyan

from HOD IT <hodit@egspec.org>

to Subramaniyan Pasupathi
<pathyannamalai@gmail.com>

IMPLEMENTATION (II and III Year)

1. Completed 2 One credit courses Oracle PL/SQL and Oracle Java Programming and included their mark sheet
2. Visited BSNL, Karaikal for On-site seminar
3. Visited UST Global, Cochin for Industrial Visit
4. IoT Lab created for doing real time projects – 2 Project selected (3 – AICTE Hackathon, 2- AICTE Chatra Viswakarma Awards, 12 – Idea submitted to AICTE Hakaathon, TCS iON-30, Learnathon – 20, UiPath RPA – 35)
5. Initiated Entreprunership as Open Elective Course
6. AWS Cloud Lietracy, VMWare VTA, RedHat Learning, Oracle Day completed with certification

Sl. No.	Course Name	Topics	Practicals	Experiments	Projects	Assessments	Grading	Remarks
1	Mathematics I (4)	Calculus	Integration	Differentiation	Vector Calculus	Matrix Algebra	25	
2	Engineering Mathematics II (4)	Vector Calculus, Differential Equations, Matrix Algebra	Integration, Differentiation	Vector Calculus	Matrix Algebra	23		
3	Information Management Systems (4)	Database Systems, Information Systems	Database Systems	Information Systems	Database Systems	24		
4	Applied Electrical Technology (4)	Electrical Engineering, Power Systems	Electrical Engineering	Power Systems	Electrical Engineering	22		
5	Artificial Intelligence (4)	Machine Learning, Data Mining	Machine Learning	Data Mining	Artificial Intelligence	17		
6	Computer Vision and ML (4)	Computer Vision, Machine Learning	Computer Vision	Machine Learning	Computer Vision	13		

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>

to myogeekumar

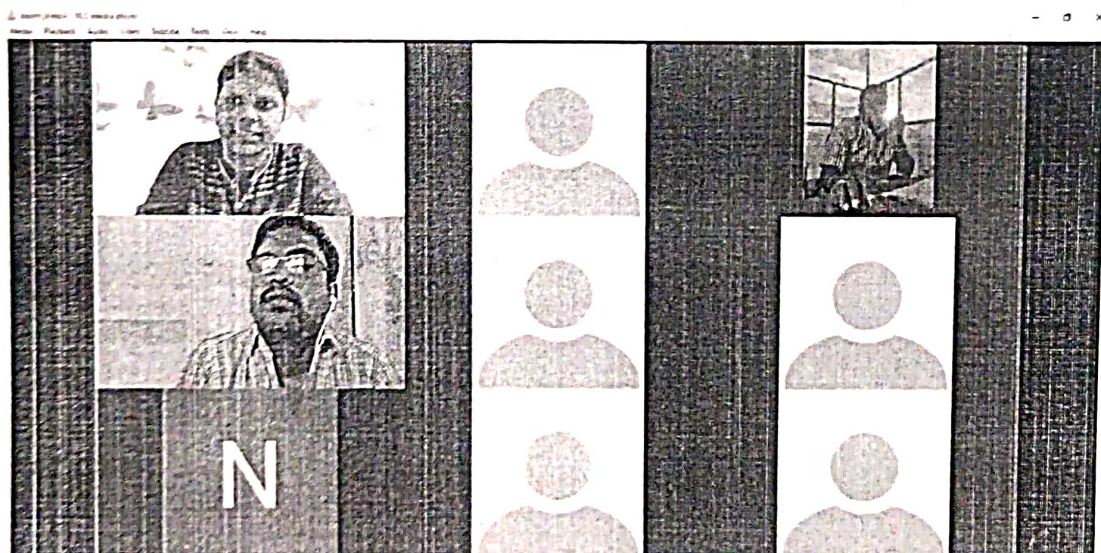
Dear Mr. Yogeswaran, L & T Infotech, Industry Expert Member

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










LIST OF EFFECTIVES

Course Code	Course Name	L	T	P	C	Maximum Marks			Category
						LA	ES	Total	
EFFECTIVE I									
1701104	Software Testing Methods and Tools	1	0	0	1	40	60	100	PE
1701105	Virtual Reality	1	0	0	1	40	60	100	PE
1701106	Evolutionary Theory and Coding	1	0	0	1	40	60	100	PE
1701104	Software Architecture	1	0	0	1	40	60	100	PE
EFFECTIVE II									
1701107	Image and Video Analysis	1	0	0	1	40	60	100	PE
1701108	Cyber Security	1	0	0	1	40	60	100	PE
1701109	Computer Design	1	0	0	1	40	60	100	PE
1701110	Wireless Communication	1	0	0	1	40	60	100	PE
EFFECTIVE III									
1701111	Robot Design, Assembly	1	0	0	1	40	60	100	PE
1701112	Computer Vision	1	0	0	1	40	60	100	PE
1701113	Business Management	1	0	0	1	40	60	100	PE
1701114	Business Economics	1	0	0	1	40	60	100	PE
EFFECTIVE IV									
1701115	College Resource Planning	1	0	0	1	40	60	100	PE
1701116	Text Analytics	1	0	0	1	40	60	100	PE
1701117	Task Analysis	1	0	0	1	40	60	100	PE
1701118	Social Network Analysis	1	0	0	1	40	60	100	PE
EFFECTIVE V									
1701119	Hardware Computer Architecture	1	0	0	1	40	60	100	PE
1701120	Database Technologies	1	0	0	1	40	60	100	PE
1701121	Cloud Programming	1	0	0	1	40	60	100	PE

EGGS PILLAY ENGINEERING COLLEGE

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. Guvi – Programming Languages and Training
7. Ampisoft - E-Box
8. Red Hat – App Development, Operating Systems, Open Source Programming
9. UiPath – Robot Process Automation


 Date: / /



E.G.S. PILLAY ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)
Nagore Post, Nagapattinam - 611 007, Tamil Nadu

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: 04

Date & Time: 13.06.2020 & 09.30 A.M.

Venue: IT A/C Seminar Hall & Zoom Topic: BoS Meeting EGSPEC IT

Time: Jun 13, 2020 09:45 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting:

<https://us04web.zoom.us/j/71538561160?pwd=V01kQ0iPMS91bE16R2phamM2Uy9UJz709>

Meeting ID: 715 3856 1160, Password: 123456

As per the recommendation from University Nominee, external Expert, Industry Expert and alumni, following actions are taken for effective implementations

S.No	Points to be Discussed	Action taken
1.	<ul style="list-style-type: none">• Small changes or modifications in the syllabus approved by Chairman BOS in Department Academic meeting and recommended to pass in BoS meeting, subsequently ratified in Academic council• The need based Value added course/one credit course approved by Chairman BOS in Department Academic meeting and it will be ratified by BoS meeting, subsequently in Academic council	<ul style="list-style-type: none">• 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
2.	<ul style="list-style-type: none">• Need to check/change all the reference books are to be a latest editions	<ul style="list-style-type: none">• New edition and updated references are added
3.	<ul style="list-style-type: none">• Need to add web references in the syllabus, if any	<ul style="list-style-type: none">• Web references are also added in syllabus
4.	<ul style="list-style-type: none">• Include more problems and programming concepts in laboratory based courses	<ul style="list-style-type: none">• Based on current trends and industry needy problems are included
5.	<ul style="list-style-type: none">• For Digital Principles and Design course, Include Verilog compiler as a unit and give some problems in laboratory	<ul style="list-style-type: none">• Verilog added in Unit 5 also included problem in Lab
6.	<ul style="list-style-type: none">• For Python Course, Include Python and MySQL Connection	<ul style="list-style-type: none">• Included in both Theory and Laboratory part
7.	<ul style="list-style-type: none">• Include NoSQL Concepts in DBMS Course	<ul style="list-style-type: none">• NoSQL Concepts added in DBMS
8.	<ul style="list-style-type: none">• Give case studies of operating systems in unit 5	<ul style="list-style-type: none">• Windows, Linux added in Unit 5
9.	<ul style="list-style-type: none">• In Engineering Mathematics III include Queuing and Network Model	<ul style="list-style-type: none">• Queuing and Network model included
10.	<ul style="list-style-type: none">• Include Node JS and placement related course as one credit course	<ul style="list-style-type: none">• Instead of proprietary software, included open source software like



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Nagore Post, Nagapattinam – 611 002, Tamilnadu.

		NodeJS, R, AWS, angular JS in syllabus and 1 credit courses
11.	<ul style="list-style-type: none">• Include Industry 4.0 courses – Virtual Reality, Cyber Security, Block Chain, Data Analytics, Artificial Intelligence courses	<ul style="list-style-type: none">• Artificial Intelligence, Data Analytics are courses and VR, Cyber Security, Block Chain as Elective Courses
12.	<ul style="list-style-type: none">• Add Principles of Machine Learning and Deep Learning, Image and Video Analytics, Text Analytics as Elective Courses	<ul style="list-style-type: none">• Principles of Machine Learning and Deep Learning, Image and Video Analytics, Text Analytics as Elective Courses are added in Elective
13.	<ul style="list-style-type: none">• Add Entrepreneurship, IPR, Patent Design Thinking as Humanities Elective Science group	<ul style="list-style-type: none">• Entrepreneurship, IPR, Patent Design Thinking are included in Humanities Elective Science group
14.	<ul style="list-style-type: none">• NBA Peer team report – slight modification is required in Mission, PEO and PSO statements	<ul style="list-style-type: none">• Based on NBA Peer team visit report department vision, mission, PEO and PSO slightly redrafted• Mapping with PEOs and Mission are verified and justification is recorded
15.	<ul style="list-style-type: none">• Content Delivery and Assessment methods are need to be change	<ul style="list-style-type: none">• Dynamically content delivery and assessment method are changed and reflected in course file
16.	<ul style="list-style-type: none">• Admission and their cut-off should be improved	<ul style="list-style-type: none">• Seats are filled and cut-off also increased

Enclosed redrafted Vision, Mission, PEO and PSO Statement with mapping

HoD/IT

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



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



Department of Information Technology
Board of Studies (BoS) Members

Sl.No.	Name	Role
1	Prof. S. MANIKANDAN Head of the Department Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002 Mobile: +91-9047902685 Email: hodit@egspec.org	Chairman – BoS
2	Dr. D. KARTHIKA RENUKA Associate Professor Department of Information Technology PSG College of Technology Coimbatore – 641 004 Email: dkr@ity.psgtech.ac.in Mobile: +91-9976128726	University Nominee
3	Dr. E. SIVASANKAR Assistant Professor / CSE National Institute of Technology, Trichy Email: sivasankar@nitt.edu Mobile: +91-9443744680	Subject Expert
4	Dr. S. PASUPATHY Associate Professor / CSE Annamalai University, Annamalai Nagar Email: pathyannamalai@gmail.com Mobile: +91-9443940576	Subject Expert
5	Mr. YOGESH KUMAR L & T Infotech, Chennai Email: myogeeskumar@gmail.com Mobile: +919500036077	Industry
6	Mr. A. SARAVANAN Senior IT Operations Analyst, Accenture, Bangalore Email: saravanan4sap@gmail.com Mobile: +91-8892131312	Alumni
7	Dr. A.S. ANAKATH Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002	Member
8	Ms. K. NAGALAKSHMI Associate Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002	Member

9	Mr. V.M. SURESH Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002	Member
10	Mr. K. MANIKANDA KUMARAN Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002	Member
11	Ms. R.G. GOKILA Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002	Member
12	Mr. K. RAJU Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002	Member
13	Ms. R. LAVANYA Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002	Member
14	Mr. R. ANAND BABU Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002	Member
15	Ms. K. SRILEKHA Assistant Professor Department of Information Technology E.G.S. Pillay Engineering College Nagapattinam – 611 002	Member


BoS/IT (Chairman)

HEAD OF THE DEPARTMENT
INFORMATION TECHNOLOGY
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002




E.G.S. PILLAY ENGINEERING COLLEGE
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Nagore Post, 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.	04
Date & Time	13.06.2020 & 09.30AM
Venue	IT A/C Seminar Hall & ZOOM Topic: BoS Meeting EGSPEC IT Time: Jun 13, 2020 09:45 AM Mumbai, Kolkata, New Delhi Join Zoom Meeting https://us04web.zoom.us/j/71538561160?pwd=V01kQ0tPMS9lbEl6R2phamM2Qy9JZz09 Meeting ID: 715 3856 1160 Password: 123456

1. Chairman / BoS welcomed all members for the 4th 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
 - To finalize Third to Eighth Semester curriculum and syllabi for B.Tech – Information Technology Programmes
 - Any other matters.
4. The following are the suggestions given by the member of Board of Studies.


Chairman (BoS) / IT

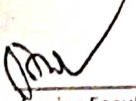

University Nominee


Subject Expert

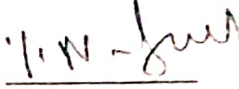

Subject Expert


Industry Expert



Alumni


Senior Faculty


Senior Faculty


Senior Faculty

- BoS members appreciated for last one year activities such as oracle certification, one credit course and onsite seminar. Suggested give training and credit course for open source tools for web development, mobile apps, social media, etc
- Appreciated for adopting AICTE model curriculum and included all the mandate courses
- Appreciated to Department received NBA Accreditation status
- For humanities and science elective, change the course title business model generation, creating new startup and establishing new business into some other names
- Combine Probability, Queuing Theory and Statistics as one course and introduce in 3rd Semester itself with IT related problems
- Courses and credits also equally distributed and fix the credit range between 150-160.
- Appreciated for all the courses are included lab and tutorial components
- Recommended that Mooc courses like NPTEL, Course Era, Edx and other industry support online course as one credit based on students performance and consider for credit transfer
- Appreciated for IoT lab, AICTE Smart India Hackathon projects, ChatraViswkarama Awards, ISTE projects and Copyrights and Suggested that try UGC, AICTE for R&D funding for setting labs and projects
- Allocate science and humanities department faculty as Co-Guide for project course for gaining more knowledge in Mathematics, Physics and Chemistry courses
- While setting syllabus for 3 units/modules for basic, fundamentals and needs, remaining units will focus on concepts, case studies, experiments and models
- While handling lab, give different problems for all students and instruct them able to solve for improving practical
- Include Subject based mini-project or team project in Web Programming, DBMS, OOAD Courses
- Include prerequisite, course objectivities, outcomes to all the courses
- While framing course outcome check with OBE Rules and Blooms taxonomy action verbs


Chairman (BoS) / IT



University Nominee


Subject Expert


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Alumni


Senior Faculty

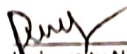

Senior Faculty


Senior Faculty

- 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
- Elective courses are link with previous courses. Check it Software Testing, Compiler Design, Information Coding, Information Management courses
- 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
- 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
- Python course introduced in 3rd semester appreciated, may be change digital course into Second semester
- Biology for IT much needed and learn about Bio-informatics
- **Software Engineering and Project Management** give mini project as case study
- **Start-up Opportunities for IT Engineers** new initiative taken for give some idea about Entrepreneurship
- 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 it GD is needed for credit for calculation
- For Internship students can opt online internship or certification training minimum of 15 days or 45 to 60 hours consider for credit
- Kindly avall facility to transfer credit for MOOC/NPTEL Courses
- Check with regulation if it is possible give credit to extra/co-curricular activities
- 65% to 75% weightage will give to practical and tutorial parts



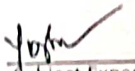
Chairman (BoS) / IT



University Nominee



Subject Expert



Subject Expert



Industry Expert



Alumni



Senior Faculty




Senior Faculty



Senior Faculty

- Review meeting should be conducted at the end of every semester to get the students & faculty feedback and make changes according to it
- In the course Digital Lab, The following topics can be included, Design of a 32-bit, carry look-ahead adder with logarithmic depth using Verilog, Design of a Wallace tree multiplier using Verilog
- In the course Problem solving using Python, Working with Python and MySQL to create a database and insert records into the table can be included.
- In the course Database Management Systems in Unit -5 Introduction to NoSQL can be taught to students
- In the course Operating System in Unit -5 Case Study Linux & Windows can be taught to students
- In the course Web Programming in Unit -5 Basics of Web Services can be taught to students.
- Humanities Science Elective Group 1 – Management courses related with IT (TQM, POM, Financial Management, HR in IT)
- Humanities Science Elective Group 2 and 3 – Innovation, Entrepreneurship, Design Thinking, Intellectual Property Rights
- Recommended adding the following course as elective courses Principles of Machine Learning and Deep Learning, Image and Video Analytics, Text Analytics
- Appreciated Indian Constitution, Environmental Sciences, and Essence Indian Traditional Knowledge courses as Audit and Mandatory Courses. The Evaluation of Audit Courses give case study assignments, seminar, group discussion or team assignment for getting depth and improve their communication skills


Chairman (BoS) / IT


University Nominee


Subject Expert


Subject Expert


Industry Expert


Alumni

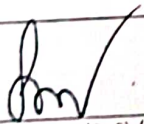

Senior Faculty


Senior Faculty


Senior Faculty

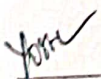
Department Academic Advisory

- Discussed about NBA Peer team evaluation report
- Discussed last year academic audit process and evaluation procedure
- Attainment calculation of PO, PSO verified and suggested that give more training and activities to above apply level COs
- Inform to students to participate more interstate events like AICTE, Hackathon, Internshella, etc
- Discussed about online forms for collecting feedback, survey and various submissions
- Inform to faculty members to involve consultancy, R&D and innovation activities
- Upgrade lab facilities and increase continuously
- Kindly update question paper level above apply level and conduct more activities, case studies and assignments for achieving above levels
- Expert members are suggested that conduct alumni meet and get a feedback for interacting with industry for recent trends and updation
- Continuous improvement and monitoring is important for calculating attainment and suggested end of each course file the faculty course attainment report played vital role next course input so kindly ensure that process will be done
- Sample attainment calculation, CO to PO and PSO attainment, Event feedback, Action Taken report are shown and suggestion are given for next improvement
- 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


Chairman (BoS) / IT

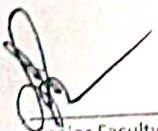

University Nominee


Subject Expert

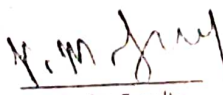

Subject Expert


Industry Expert


Alumni


Senior Faculty


Senior Faculty


Senior Faculty

- At the end, University nominee, External Expert member, Industry Expert and Alumni appreciated us that you are going towards improvement and if you do some improvements in IT syllabus then it should be a model for other Autonomous colleges

1. The following resolutions were passed

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

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

Date: 13/06/2020


Place: Nagapattinam



Chairman (BoS) / IT



University Nominee



Subject Expert




Subject Expert



Industry Expert



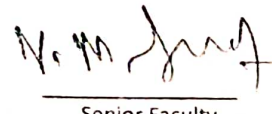
Alumni



Senior Faculty



Senior Faculty



Senior Faculty

GGB 106 - Department of IT			
CONVENED ON 21/05/2020	TIME: FROM 10.00 AM TO 12.45 PM		
List Of Members Attended	<ol style="list-style-type: none"> 1. Dr. P. Vijayalakshmi, Professor 2. Dr.A.S.Anakath, Professor 3. Ms. K.Nagalakshmi, Assoc.Prof 4. Mr. S. Manikandan, Asst. Prof & HoD 5. Mr. V.M. Suresh, Asst. Prof 6. Mr. K. Manikanda Kumaran, Asst. Prof 7. Ms. R.G. Gokila, Asst. Prof 8. Ms. R. Lavanya, Asst. Prof 9. Mr. R. Anand Babu, Asst. Prof 10. Mr. K. Raju, Asst. Prof 11. Ms. P. Ponnaruvi, Asst.Prof 12. Ms. R. Vignesh, Asst.Prof 13. Ms. R. Lalitha, Asst.Prof 		
Action Taken on Previous Meeting	Agenda Points	Details Of Discussion	Responsible Person and Target Date
<ol style="list-style-type: none"> 1. Prepared course file for even semester courses 2. Discussed previous NBA visit and Re-drafted vision, mission, PEO, PSO based on inputs from stakeholders 3. Academic Audit Point Discussed 	1. Academics	<ol style="list-style-type: none"> 1. Requested to all faculties taking classes based on OBE and explain course outcome for each course 2. Prepare Cycle test question paper and submit to Dept. exam cell coordinator 3. Requested to all faculties prepare Scheme of evaluation for unit test question and give to students 4. Requested to all faculties cycle test performance exam duty and conduct exam smoothly 5. Requested to all target fixed for this semester so work based on that and improve the result 	All faculty Members and Inform to students
	2. R&D Activities	<ol style="list-style-type: none"> 1. Requested to all faculties publish paper in SCI Journals. 2. Instruct to all final year students and UG project supervisor convert students projects into patents, copyrights and journals. All the projects are only internal mode 3. Requested to all faculties send minimum of one project proposal to funding agencies 	
	3. Performance Evaluation	<ol style="list-style-type: none"> 1. Check Monthly Evaluation Form and Follow the activities regularly 2. Check your mail, Annual Credit point system sent to all kindly go through it and work based on that 3. Daily attendance and Biometric report monitored by daily basis. Kindly follow the protocols 	
	4. BoS	<ol style="list-style-type: none"> 1. Regulation 2019 Curriculum and Syllabus discussed based on brainstorming session. Drafted Curriculum and Syllabus will be presented Board of Studies meeting will be conducted on June 2020 2. Academic audit points are incorporated and discussed 	

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


HOD/IT

Cc to: Principal Office and Department File

HEAD OF THE DEPARTMENT
INFORMATION TECHNOLOGY
EGS PILLAY ENGINEERING COLLEGE
NAGARATHAN - 617 002