

# **ADHIYAMAAN COLLEGE OF ENGINEERING**

(An Autonomous Institute Affiliated to Anna University, Chennai)

**Dr. M.G.R Nagar, Hosur**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

## **BOS Meeting Minutes**

**AY:2021 - 2022**

# **ADHIYAMAAN COLLEGE OF ENGINEERING, HOSUR**

(An Autonomous Institute, Affiliated to Anna University, Chennai)

## **BOARD OF STUDIES IN INFORMATION TECHNOLOGY**

### **Minutes of the 26<sup>th</sup> Meeting**

Minutes of the 26<sup>th</sup> meeting of Board of Studies in Information Technology held on 06.08.2022 at 11.00 A.M through **Online Mode**.

#### **MEMBERS PRESENT**

1. Dr. D. Thilagavathy, Chairman, BOS / Information Technology
2. Dr.S.Rathi ,University Nominee
3. Dr.C.Rani ,Academic Council Nominee
4. Dr.M.Ramakrishna,Academic Council Nominee
5. Mr.M.Akbar Sheriff, Industry Expert
6. Mr.R.Aravind, Alumni Member
7. Dr.G.Fathima, Inter disciplinary Expert / CSE
8. Dr.M.Lilly Florence Inter disciplinary Expert/CSE
9. Dr.S.Sumathi, Inter disciplinary Expert / ECE
10. Dr.B.Gopinathan, Inter disciplinary Expert/CSE.
11. Mr.S.Sathishkumar, Member of Faculty, Department of IT
12. Mrs.K.Karthika, Member of Faculty, Department of IT

26.1 To confirm the minutes of the 25<sup>th</sup> meeting of the Board of Studies meeting in Information Technology held on 22.10.2021.

**RESOLVED** that the minutes of the 25<sup>th</sup> meeting of the Board of Studies in Information Technology held on 22.10.2021 have been considered.

26.2 To consider the Curriculum and Syllabi of 7<sup>th</sup> Semester B.Tech Information Technology programme under the **Regulation 2018(CBCS)** for the batch of the students admitted in 2019-2020.

**RESOLVED** that the Curriculum and Syllabi of 7<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulation 2018(CBCS)** for the batch of the students admitted in 2019-2020 be approved. (Annexure -I)

26.3 To consider the Curriculum and Syllabi of 5<sup>th</sup> Semester B.Tech Information Technology programme under **Regulation 2018**(CBCS) for the batch of the students admitted in 2020- 2021.

**RESOLVED** that the Curriculum and Syllabi of 5<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulation 2018**(CBCS) for the batch of the students admitted in 2020-2021 be approved. (**Annexure –II**)

26.4 To consider the Curriculum and Syllabi of 3<sup>rd</sup> Semester B.Tech Information Technology programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2021-2022.

**RESOLVED** that the Curriculum and Syllabi of 3<sup>rd</sup> Semester B.Tech Information Technology Programme under the **Regulation 2018** (CBCS) for the batch of the students admitted in 2021-2022 be approved. (**Annexure –III**)

26.5 To consider the syllabi of Problem Solving and Python Programming for B.E/B.Tech programme during 1<sup>st</sup> semester for Circuit Branches and during 2<sup>nd</sup> semester for Non Circuit Branches under **Regulation 2022** (CBCS) for the batch of students to be admitted in 2022-2023.

**RESOLVED** that the syllabi of Problem solving & Python Programming for B.E/ B.Tech during 1<sup>st</sup> semester for Circuit Branches and during 2<sup>nd</sup> semester for Non Circuit Branches under **Regulation 2022**(CBCS) for the batch of students to be admitted in 2022- 2023 be approved (**Annexure-IV**)

26.6 To Consider the Mandatory Elective Course entitled “Professional readiness for Innovation, Employability and Entrepreneurship ”with 3 credits under EEC category for 7<sup>th</sup> semester B.Tech Information Technology programme to be offered for the batch of students admitted in 2019-2020 under **Regulation 2018**(CBCS).

**RESOLVED** that the Mandatory Elective Course entitled “Professional readiness for Innovation, Employability and Entrepreneurship ”with 3 credits under EEC category for 7<sup>th</sup> semester B.Tech Information Technology programme to be offered for the batch of students admitted in 2019-2020 under **Regulation 2018** (CBCS) be approved.(**Annexure- V**)

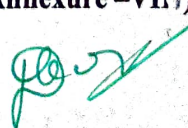
26.7 To Consider the Continuous Assessment (Internal) and End Semester Assessment (External) Marks ratio under **Regulation 2022** (CBCS).

**RESOLVED** that the Continuous Assessment (Internal) and End Semester Assessment (External) Marks ratio under **Regulation 2022** (CBCS) be approved.(**Annexure VI**)

26.8 To consider the List of Examiners for Evaluation.

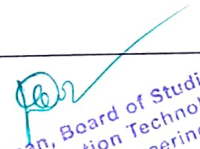
**RESOLVED** that the List of Examiners for Evaluation be approved. (**Annexure –VII**)

Date: 06.08.2022







  
Signature of the Chairman -BoS  
Faculty of Information Technology (UG)  
Adhiyamaan College of Engineering (Autonomous)  
Hosur - 635 109  
Tamil Nadu.

**Department of Information Technology 26<sup>th</sup> BOS Meeting - Recommendations**

S. No	Semester	Course Code	Course Name	Remarks (New Course Introduced / Contents Incorporated in the Corresponding Course)
1	I	122PPT05	Problem Solving and Python Programming	<p>Unit IV: Create- add- delete from a Dictionary- Operations associated with pairs of data Program -To test if a variable is a list or tuple or a set, Retail Bill Preparation.</p> <p>UnitV: Case Study : Python Libraries ( Numpy, Pandas, Matplotlib, PyGame )</p>
2	I	122PPP08	Problem Solving and Python Programming laboratory	<p>Compute largest in a list, Programs using Modules and Libraries</p>
3	Feedback Obtained about Curriculum and Syllabus from Stakeholders (Faculty, Students, Alumni, Employers) were also discussed and Concluded.			

  
 Chairman, Board of Studies  
 Faculty of Information Technology (UG)  
 Adiyamaan College of Engineering (Autonomous)  
 Hosur - 635 109  
 Krishnagiri (Dt), Tamil Nadu.

**ADHIYAMAAN COLLEGE OF ENGINEERING (AUTONOMOUS), HOSUR-635 109****BOARD OF STUDIES IN INFORMATION TECHNOLOGY**Members Present for the 26<sup>th</sup> Board of Studies Meeting held on 06.08.2022 at 11.00 A.M**MEMBERS PRESENT**

Sl.No	Name	Designation	Category	Signature
1	Dr. D. THILAGAVATHY Professor & Head / IT ACE-Hosur.	Chairman	HOD	
2.	Dr.S.Rathi Professor and Head/IT GCT-Coimbatore	Member	University Nominee	<i>online</i>
3.	Dr.C.Rani Assistant Professor/CSE GCE -Salem	Member	Academic Council Nominee	<i>online</i>
4.	Dr.M.Ramakrishna Professor & Head/CSE Vemana Institute of Technology -Bangalore	Member	Academic Council Nominee	<i>online</i>
5	Mr.M.Akbar Sheriff Technical Analyst Telstrs India pvt Ltd- Bellandur-Karnataka	Member	Industry Expert	<i>online</i>
6	Mr.R.Aravind IT Analyst Tech Mahindra-Bangalore	Member	Alumni	<i>online</i>
7	Dr.G.Fathima Professor & Head / CSE ACE-Hosur	Member	Inter-Disciplinary Member	
8	Dr. A.Sumathi Professor & Head / ECE ACE-Hosur	Member	Inter-Disciplinary Member	
9	Dr.M.Lilly Florence Professor / CSE ACE-Hosur	Member	Inter-Disciplinary Member	
10	Dr.B.Gopinathan Associate Professor / CSE ACE-Hosur	Member	Inter-Disciplinary Member	<i>B. Gopinathan</i>
11	Mr. S.SathishKumar Assistant Professor / IT ACE-Hosur	Member	Member of the Faculty	
12	Mrs.K.Karthika Assistant Professor /IT ACE- Hosur	Member	Member of the Faculty	

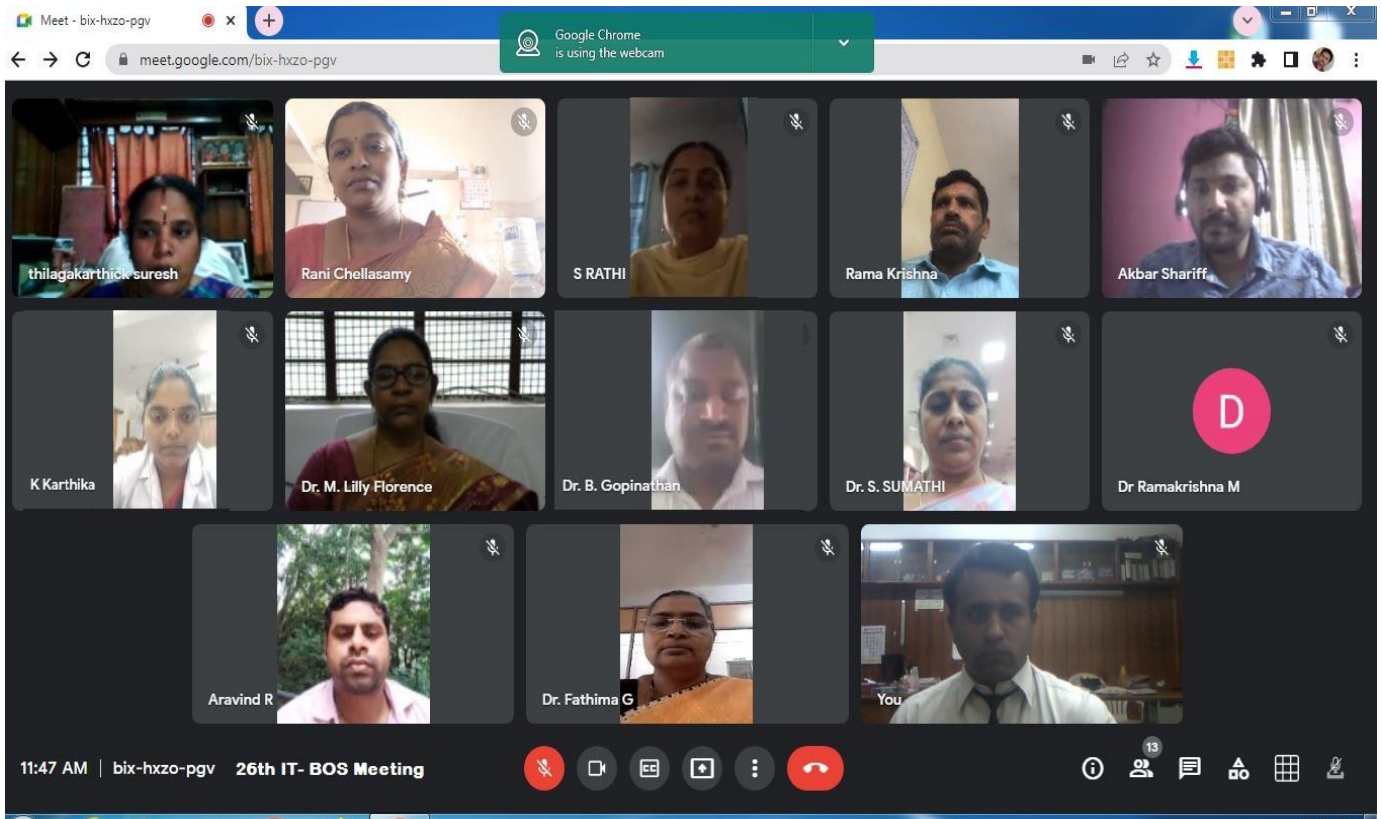
# ADHIYAMAAN COLLEGE OF ENGINEERING

(An Autonomous Institute Affiliated to Anna University, Chennai)

Dr. M.G.R Nagar, Hosur

## DEPARTMENT OF INFORMATION TECHNOLOGY

### Photograph of 26<sup>th</sup> BOS Meeting on 06.08.2022



# ADHIYAMAAN COLLEGE OF ENGINEERING, HOSUR

(An Autonomous Institute, Affiliated to Anna University, Chennai)

## BOARD OF STUDIES IN INFORMATION TECHNOLOGY

### Minutes of the 25<sup>th</sup> Meeting

Minutes of the 25<sup>th</sup> meeting of Board of Studies in Information Technology held on 22.10.2021 at 11.00 A.M through **Online Mode**.

#### MEMBERS PRESENT

1. Dr. D. Thilagavathy, Chairman, BOS / Information Technology
2. Dr.S.Rathi ,University Nominee
3. Dr.C.Rani ,Academic Council Nominee
4. Mr.M.Akbar Sheriff,, Industry Expert
5. Mr.R.Aravind,Alumni Member
6. Dr.G.Fathima, Inter disciplinary Expert / CSE
7. Dr.M.Lilly Florence Inter disciplinary Expert/CSE
8. Dr.S.Sumathi, Inter disciplinary Expert / ECE
9. Mr.S.Sivanandham, Member, Department of IT.
10. Mr.S.Sathish Kumar, Member, Department of IT
11. Mr.R.Raghu, Member, Department of IT

**25.1** To confirm the minutes of the 24<sup>th</sup> meeting of the Board of Studies meeting in Information Technology held on 09.04.2021.

**RESOLVED** that the minutes of the 24<sup>th</sup> meeting of the Board of Studies in Information Technology held on 09.04.2021 have been considered.

**25.2** To consider the Curriculum and Syllabi of 8<sup>th</sup> Semester B.Tech Information Technology programme under the **Regulation 2018**(CBCS) for the batch of the students admitted in 2018-2019.

**RESOLVED** that the Curriculum and Syllabi of 8<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulation 2018**(CBCS) for the batch of the students admitted in 2018-2019 be approved. (**Annexure –I**)



**25.3** To consider the Curriculum and Syllabi of 6<sup>th</sup> Semester B.Tech Information Technology programme under **Regulation 2018**(CBCS) for the batch of the students admitted in 2019- 2020.

**RESOLVED** that the Curriculum and Syllabi of 6<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulation 2018**(CBCS) for the batch of the students admitted in 2019-2020 be approved. (**Annexure –II**)

**25.4** To consider the Curriculum and Syllabi of 4<sup>th</sup> Semester B.Tech Information Technology programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2020-2021.

**RESOLVED** that the Curriculum and Syllabi of 4<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulation 2018**(CBCS) for the batch of the students admitted in 2020-2021 be approved. (**Annexure –III**)

**25.5** To consider the syllabi of Problem solving & Python Programming for 1<sup>st</sup> Semester B.E and B.Tech programme under **Regulation 2018** (CBCS) for the batch of students to be admitted in 2021-2022.

**RESOLVED that** the syllabi of Problem solving & Python Programming for 1<sup>st</sup> Semester B.E and B.Tech under **Regulation 2018**(CBCS) for batch of the students admitted in 2021- 2022 be approved (**Annexure-IV**)

**25.6** To consider the List of Examiners for Evaluation.

**RESOLVED** that the List of Examiners for Evaluation be approved. (**Annexure –V**)

**Date: 22.10.2021**



Signature of the Chairman -BoS

Chairman, Board of Studies  
Faculty of Information Technology (UG)  
Adiyamaan College of Engineering (Autonomous)  
Hosur - 635 109  
Krishnagiri (Dt), Tamil Nadu.








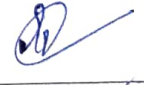



Department of Information Technology 25<sup>th</sup> BOS Meeting (22-10-2021) - Recommendations

S. No	Semester	Course Code	Course Name	Remarks (New Course Introduced / Contents Incorporated in the Corresponding Course)
1	VIII	818CIT01	Big Data Analytics	<p><b>UNIT I- Classification of Analytics-Top Challenges Facing Big Data-Importance of Big Data and Data Analytics tools</b></p> <p><b>UNIT II – Regression- Linear, Polynomial and Multi variate, Reinforcement Learning</b></p> <p><b>UNIT III- Case study- Real Time Sentimental Analysis</b></p> <p><b>UNIT IV-Mongo DB,Case study- Big Data for E-Commerce and Blogs</b></p> <p><b>UNIT V- Big Data Frame Work – Pig –Introduction to Pig, - The Anatomy of Pig - Pig on Hadoop - Pig Philosophy - Use Case for Pig: ETL Processing Data Types in Pig - Running Pig - Execution Modes of Pig – HDFS.Commands - Relational Operators - Eval Function - Complex Data Types - User-Defined Functions (UDF).</b></p>
2	VIII	818ITE02	Information Security	<p><b>UNIT III – Security Analysis -Selecting Risk Control Strategies</b></p>
3	VIII	818ITE06 / 618CSE05	Software Project Management	<p><b>UNIT I –Introduction to SPM - Project – Software Projects versus other types of Project - Contract Management and Technical Project Management – Activities covered by Software Project Management – Plans, Methods and Methodologies – Requirement Specification – Management Control – Overview of Project Planning – Stepwise Project Planning – Project Evaluation</b></p> <p><b>UNIT-IV MONITORING AND CONTROL</b>                      Resource allocation - Identifying and Scheduling Resources – Publishing Resource and Cost Schedule – Scheduling Sequence - Creating Framework – Collecting the Data – Visualizing Progress – Cost Monitoring – Earned Value – Prioritizing Monitoring – Getting Project back to target – Change Control – Managing Contracts – Introduction – Types of Contract – Stages in Contract Placement – Typical Terms of a Contract – Contract Management – Acceptance</p> <p><b>UNIT-V MANAGING PEOPLE AND ORGANIZING TEAMS</b>                      Introduction – Understanding Behavior – Organizational Behavior - Selecting the Right Person for the Job – Instruction in the Best Methods – Motivation – The Oldman – Hackman Job Characteristics Model – Working in Groups – Becoming a Team – Decision Making – Leadership – Organizational Structures – SPM Tools.</p>

4	VIII	818CIE01	Software Defined Networks	SDN Protocol Models – Application Models – Approaches to SDN Security.															
5	VIII	818CIE04	Green Computing	<b>UNIT-III: GRID FRAMEWORK</b> Virtualization of IT systems – Role of electric utilities, Telecommuting, teleconferencing and teleporting – Materials recycling – Best ways for Green PC – Green Data center – Green Grid framework.															
6	<p><b>Newly introduced Courses are</b></p> <table> <tr> <td><b>818ITE03</b></td> <td><b>Swarm Intelligence</b></td> <td><b>(Professional Elective)</b></td> </tr> <tr> <td><b>818ITE05</b></td> <td><b>Computer Forensics</b></td> <td><b>(Professional Elective)</b></td> </tr> <tr> <td><b>818ITE08</b></td> <td><b>Virtual and Augmented Reality</b></td> <td><b>(Professional Elective)</b></td> </tr> <tr> <td><b>818ITE09</b></td> <td><b>Deep Learning</b></td> <td><b>(Professional Elective)</b></td> </tr> <tr> <td><b>818ITE10</b></td> <td><b>Information Visualization</b></td> <td><b>(Professional Elective)</b></td> </tr> </table>				<b>818ITE03</b>	<b>Swarm Intelligence</b>	<b>(Professional Elective)</b>	<b>818ITE05</b>	<b>Computer Forensics</b>	<b>(Professional Elective)</b>	<b>818ITE08</b>	<b>Virtual and Augmented Reality</b>	<b>(Professional Elective)</b>	<b>818ITE09</b>	<b>Deep Learning</b>	<b>(Professional Elective)</b>	<b>818ITE10</b>	<b>Information Visualization</b>	<b>(Professional Elective)</b>
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<b>818ITE10</b>	<b>Information Visualization</b>	<b>(Professional Elective)</b>																	
7	Feedback Obtained about Curriculum and Syllabus from Stakeholders (Faculty, Students, Alumni, Employers) were also discussed and Concluded.																		

  
 Chairman, Board of Studies  
 Faculty of Information Technology (IT)  
 Adhiyamaan College of Engineering (Autonomous)  
 Hosur - 635 109  
 Krishnagiri (Dt), Tamil Nadu.

**ADHIYAMAAN COLLEGE OF ENGINEERING (AUTONOMOUS), HOSUR-635109****BOARD OF STUDIES IN INFORMATION TECHNOLOGY**Members Present for the 25<sup>th</sup> Board of Studies Meeting held on 22.10.2021 at 11.00 A.M**MEMBERS PRESENT**

Sl.No	Name	Designation	Category	Signature
1	Dr. D. THILAGAVATHY Professor & Head / IT ACE-Hosur.	Chairman	HOD	
2.	Dr.S.Rathi Professor and Head/IT GCT-Coimbatore	Member	University Nominee	
3.	Dr.C.Rani Assistant Professor/CSE GCE -Salem	Member	Academic Council Nominee	
4	Mr.M.Akbar Sheriff Technical Analyst Telstra India Pvt Ltd- Bellandur-Karnataka	Member	Industry Expert	
5	Mr.R.Aravind IT Analyst Tech Mahindra-Bangalore	Member	Alumni	
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8	Dr.M.Lilly Florence Professor / CSE ACE-Hosur	Member	Inter-Disciplinary Member	
9	Mr. S.Sivanantham Assistant Professor / IT ACE-Hosur	Member	Member of the Faculty	
10	Mr. S.SathishKumar Assistant Professor / IT ACE-Hosur	Member	Member of the Faculty	
11	Mr.R.Raghu Assistant Professor /IT ACE- Hosur	Member	Member of the Faculty	

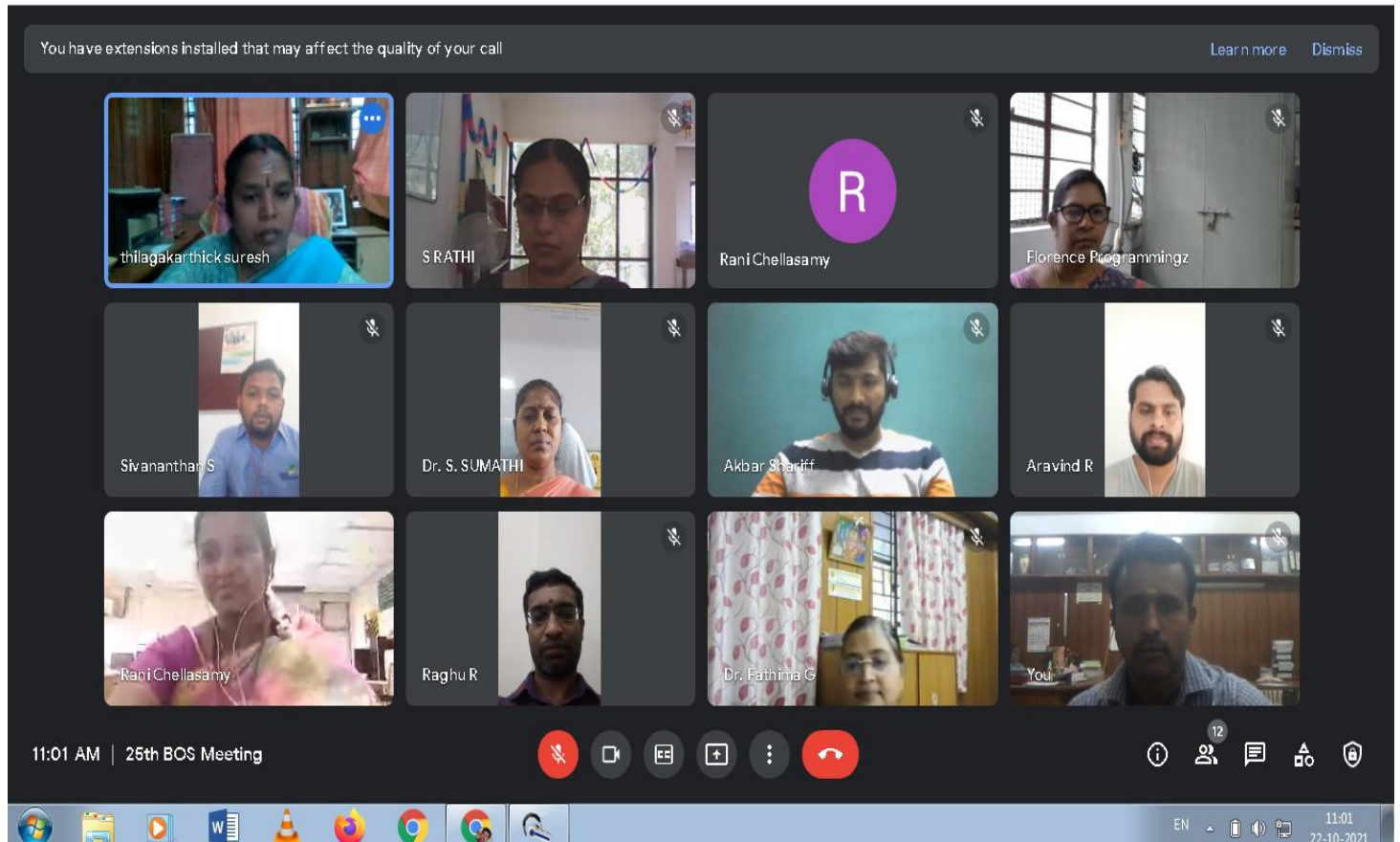
# ADHIYAMAAN COLLEGE OF ENGINEERING

(An Autonomous Institute Affiliated to Anna University, Chennai)

Dr. M.G.R Nagar, Hosur

## DEPARTMENT OF INFORMATION TECHNOLOGY

### Photograph of 25<sup>th</sup> BOS Meeting on 22.10.2021



**AY:2020 - 2021**

# ADHIYAMAAN COLLEGE OF ENGINEERING, HOSUR

(An Autonomous Institute, Affiliated to Anna University, Chennai)

## BOARD OF STUDIES IN INFORMATION TECHNOLOGY

### Minutes of the 24<sup>th</sup> Meeting

Minutes of the 24<sup>th</sup> meeting of Board of Studies in Information Technology held on 09.04.2021 at 11.00 A.M.

#### MEMBERS PRESENT

1. Dr. D. Thilagavathy, Chairman, BOS / Information Technology
2. Dr.S.Rathi ,University Nominee
3. Dr.C.Rani ,Academic Council Nominee
4. Dr.M.Ramakrishna,Academic Council Nominee
5. Dr.G.Fathima, Inter disciplinary Expert / CSE
6. Dr.M.Lilly Florence Inter disciplinary Expert/CSE
7. Dr.S.Sumathi, Inter disciplinary Expert / ECE
8. Mr.M.Akbar Sheriff,, Industry Expert
9. Mr.R.Aravind,Alumni Member
10. Mr.S.Sivanandham, Member, Department of IT
11. Mr.R.Regina, Member, Department of IT
12. Mr.S.SathishKumar, Member,Department of IT

**24.1** To confirm the minutes of the 23<sup>rd</sup> meeting of the Board of Studies meeting in Information Technology held on 14.10.2020.

**RESOLVED** that the minutes of the 23<sup>rd</sup> meeting of the Board of Studies in Information Technology held on 14.10.2020 have been considered.

**24.2** To consider the Curriculum and Syllabi of 7<sup>th</sup> Semester B.Tech Information Technology programme under the **Regulations 2018(CBCS)** for the batch of the students admitted in 2018-2019.

**RESOLVED** that the Curriculum and Syllabi of 7<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2018(CBCS)** for the batch of the students admitted in 2018-2019 be approved. (**Annexure –I**)

**24.3** To consider the Curriculum and Syllabi of 5<sup>th</sup> Semester B.Tech Information Technology programme under **Regulations 2018**(CBCS) for the batch of the students admitted in 2019- 2020.

**RESOLVED** that the Curriculum and Syllabi of 5<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2018**(CBCS) for the batch of the students admitted in 2019-2020 be approved. (**Annexure –II**)

**24.4** To consider the Curriculum and Syllabi of 3<sup>rd</sup> Semester B.Tech Information Technology programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2020-2021.

**RESOLVED** that the Curriculum and Syllabi of 3<sup>rd</sup> Semester B.Tech Information Technology Programme under the **Regulations 2018**(CBCS) for the batch of the students admitted in 2020-2021 be approved. (**Annexure –III**)

**24.5** To consider the syllabi of Problem solving & Python Programming for 1<sup>st</sup> Semester B.E and B.Tech programme under **Regulations 2018** (CBCS) for the batch of students to be admitted in 2021-2022.

**RESOLVED that** the syllabi of Problem solving & Python Programming for 1<sup>st</sup> Semester B.E and B.Tech under **Regulation 2018**(CBCS) for batch of the students to be admitted in 2021- 2022 be approved (**Annexure-IV**)

**24.6** To consider the List of Examiners for Evaluation.

**RESOLVED** that the List of Examiners for Evaluation be approved. (**Annexure –V**)

**24.7** Any other.

**Date: 09.04.2021**



Signature of the Chairman -BoS



**Department of Information Technology 24<sup>th</sup> BOS Meeting ( 09-04-2021) - Recommendations**

S. No	Semester	Course Code	Course Name	Remarks (New Course Introduced / Contents Incorporated in the Corresponding Course)
1	VII	718CIT01	Cryptography and Security in Computing	Unit I- RC6 Unit II- RSA and Elgamal Signature Alg Unit III- Biometrics
2	VII	718ITT02	Fundamentals of Machine Learning	Unit I - Introduction to ML Unit II - Supervised Learning Unit III - Unsupervised Learning Unit IV- Pb Graphical Model Unit V- Advanced Learning
3	VII	718ITT04	Web Programming	Unit I -Web 2.0: Basics, Rich Internet Applications, Collaboration tools. Unit II - Manipulators Events and Effects. Unit V - Ajax and Web services
4	<p><b>Newly Introduced Subjects are</b></p> <ul style="list-style-type: none"> <li>• 718CIE06 Cyber Security and Law (Professional Elective)</li> <li>• 7181TE09/618CSE06 Advanced Java Scripting Language (Professional Elective)</li> <li>• 715CIE0S Agile Software Development (Professional Elective)</li> </ul>			
5	Feedback Obtained about Curriculum and Syllabus from Stakeholders (Faculty, Students, Alumni, Employers) were also discussed and Concluded.			

  
 Chairman, Board of Studies  
 Faculty of Information Technology (UG)  
 Adhityamaan College of Engineering (Autonomous)  
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**ADHIYAMAAN COLLEGE OF ENGINEERING (AUTONOMOUS), HOSUR-635 109****BOARD OF STUDIES IN INFORMATION TECHNOLOGY**Members Present for the 24<sup>th</sup> Board of Studies Meeting held on 09.04.2021 at 11.00 A.M**MEMBERS PRESENT**

Sl.No	Name	Designation	Category
1	Dr. D. THILAGAVATHY Professor & Head / IT ACE-Hosur.	Chairman	HOD
2.	Dr.S.Rathi Professor and Head/IT GCT-Coimbatore	Member	University Nominee
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5	Mr.M.Akbar Sheriff Technical Analyst Telstrs India pvt Ltd- Bellandur-Karnataka	Member	Industry Expert
6	Mr.R.Aravind IT Analyst Tech Mahindra-Bangalore	Member	Alumni
7	Dr.G.Fathima Professor & Head / CSE ACE-Hosur	Member	Inter-Disciplinary Member
8	Dr. A.Sumathi Professor & Head / ECE ACE-Hosur	Member	Inter-Disciplinary Member
9	Dr.M.Lilly Florence Professor / CSE ACE-Hosur	Member	Inter-Disciplinary Member
10	Mr. S.Sivanantham Assistant Professor / IT ACE-Hosur	Member	Member of the Faculty
11	Mr.R.Regin Assistant Professor / IT ACE-Hosur	Member	Member of the Faculty
12	Mr.S.SathishKumar Assistant Professor /IT ACE- Hosur	Member	Member of the Faculty

# ADHIYAMAAN COLLEGE OF ENGINEERING

(An Autonomous Institute Affiliated to Anna University, Chennai)

Dr. M.G.R Nagar, Hosur

## DEPARTMENT OF INFORMATION TECHNOLOGY

### Photograph of 24<sup>th</sup> BOS Meeting on 09-04-2021

The image is a screenshot of a Zoom meeting interface. The main window displays a grid of 11 participants. The top-left tile shows a woman with the name 'thilagakarthick suresh' and a video feed. Below her is a color calibration bar and a 'Start ScreenCamera' button. The other tiles show various participants, some with video feeds and some as circular icons. The bottom of the screen features a control bar with icons for mute, video off, chat, screen share, and end meeting. The meeting title '24th BOS Meeting held on 09-04-2021' is visible in the bottom left. On the right side, there is a 'Meeting details' sidebar with a 'People (11)' section and a list of participants: SATHISH KUMAR (You), Akbar Shariff, Aravind R, Fathima G, Florence Programmingz, Ramakrishna M, and Rani Chellasamy. Each participant has a small icon and a mute status indicator.

Meeting details

People (11) Chat

IN CALL

- SATHISH KUMAR (You)
- Akbar Shariff
- Aravind R
- Fathima G
- Florence Programmingz
- Ramakrishna M
- Rani Chellasamy

11:11 AM | 24th BOS Meeting held on 09-04-2021

Turn on captions Present now

**ADHIYAMAAN COLLEGE OF ENGINEERING, HOSUR**  
(An Autonomous Institute, Affiliated to Anna University, Chennai)  
**BOARD OF STUDIES IN INFORMATION TECHNOLOGY**

**Minutes of the Meeting**

Minutes of the meeting of Board of Studies in Information Technology held on 25-06-2020 at 10.00 A.M.

**MEMBERS PRESENT**

1. Dr. D. Thilagavathy, Chairman, BOS / Information Technology
2. Dr.S.Neelavathy Pari, Academic Council Nominee
3. Dr.R.Manikandan ,Academic Council Nominee
4. Dr.G.Fathima, Inter disciplinary Expert / CSE
5. Dr.M.Lilly Florence, Inter disciplinary Expert / CSE
6. Dr.S.Sumathi,Inter disciplinary Expert / ECE
7. Mr.K.C.Rohit,Industry Expert
8. Mr.Krishnamoorthy , Alumni Member
9. Mr. S.Sivanandham, Member, Department of IT
10. Mr.R.Regin, Member, Department of IT

To confirm the minutes of the 22<sup>nd</sup> meeting of the Board of Studies in Information Technology Engineering held on 02.11.2019.

**RESOLVED** that the minutes of the 22<sup>nd</sup> meeting of the Board of Studies in Information Technology held on 02.11.2019 have been considered.

To consider the Curriculum and Syllabi of 7<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2015**(CBCS) for the batch of students admitted in 2017-2018.

**RESOLVED** that the Curriculum and Syllabi of 7<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2015**(CBCS) for the batch of students admitted in 2017-2018 be approved. (**Annexure –I**)

To consider the Curriculum and Syllabi of 5<sup>th</sup> Semester B.Tech Information Technology Programme under **Regulations 2018**(CBCS) for the batch of students admitted in 2018-2019.

**RESOLVED** that the Curriculum and Syllabi of 5<sup>th</sup> Semester B.Tech Information Technology Programme under **Regulations 2018**(CBCS) for the batch of students admitted in 2018-2019 be approved.(**Annexure –II**)

4 To consider the Curriculum and Syllabi of 3<sup>rd</sup> Semester B.Tech Information Technology Programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2019-2020.

**RESOLVED** that the Curriculum and Syllabi of 3<sup>rd</sup> Semester B.Tech Information Technology Programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2019-2020 be approved (**Annexure –III**)

5 To consider the Syllabi of Fundamentals of Data Structures in C of 3<sup>rd</sup> Semester B.E (Electrical and Electronics Engineering) and B.E (Electronics and Instrumentation Engineering ) programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2019-2020.

**RESOLVED** that the Syllabi of Fundamentals of Data Structures in C of 3<sup>rd</sup> Semester B.E (Electrical and Electronics Engineering) and B.E (Electronics and Instrumentation Engineering ) programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2019-2020 be approved. (**Annexure –IV**)


6 To consider the Syllabi of Problem solving and Python Programming for 1<sup>st</sup> Semester B.E./ B.Tech. Under **Regulations 2018** (CBCS) for the batch of students to be admitted in 2020-2021.

**RESOLVED** that the syllabi of Problem Solving and Python Programming for 1<sup>st</sup> Semester B.E. / B.Tech .Under **Regulations 2018** (CBCS) for the batch of students to be admitted in 2020-2021 be approved.(**Annexure –V**)

7 To consider the List of Examiners for Evaluation

**RESOLVED** that the List of Examiners for Evaluation be approved. (**Annexure –VI**)

Date: 25.06.2020

  
Signature of the Chairman -BoS  
Chairman, Board of Studies  
Faculty of Information Technology (UG)  
Adiyamaan College of Engineering (Autonomous)  
Hosur - 635 109  
Krishnagiri (Dt), Tamil Nadu.

**ADHIYAMAAN COLLEGE OF ENGINEERING (AUTONOMOUS), HOSUR-635 109**

**BOARD OF STUDIES IN INFORMATION TECHNOLOGY**

Members Present for the Board of Studies Meeting held on 25.06.2020 at 10.00 A.M

**MEMBERS PRESENT**

Sl.No	Name	Designation	Category
1	Dr. D. Thilagavathy Professor & Head / IT ACE-Hosur.	Chairman	HOD
2	Dr.S.Neelavathy Pari Dept of Computer technology MIT Campus, Chennai	Member	Academic Council Nominee
3	Dr.R.Manikandan Assistant Professor Department of CSE Government College of Engineering-Dharmapuri	Member	Academic Council Nominee
4	Mr.K.C Rohit Project Lead Tata Consultancy Services Bangalore	Member	Industry Representative
5	Mr.Krishnamoorthy Technical Team Lead Hewlett Packard Bangalore.	Member	Alumnus Member
6	Dr.G.Fathima Professor & Head/CSE ACE-Hosur	Member	Inter-Disciplinary Member
7	Dr.M.Lilly Florence Professor/CSE ACE-Hosur	Member	Inter-Disciplinary Member
8	Dr. S.Sumathi Professor & Head /ECE ACE-Hosur	Member	Inter-Disciplinary Member
9	Mr. S.Sivanantham Assistant Professor/IT ACE-Hosur	Member	Member of the Faculty
10	Mr.R.Regin Assistant Professor/IT ACE-Hosur	Member	Member of the Faculty

**ADHIYAMAAN COLLEGE OF ENGINEERING, HOSUR**  
(An Autonomous Institute, Affiliated to Anna University, Chennai)  
**BOARD OF STUDIES IN INFORMATION TECHNOLOGY**

**Minutes of the 23<sup>rd</sup> Meeting**

Minutes of the 23<sup>rd</sup> meeting of Board of Studies in Information Technology held on 14.10.2020 at 11.00 A.M.

**MEMBERS PRESENT**

1. Dr. D. Thilagavathy, Chairman, BOS / Information Technology
2. Dr.S.Rathi ,University Nominee
3. Dr.C.Rani ,Academic Council Nominee
4. Dr.M.Ramakrishna,Academic Council Nominee
5. Dr.G.Fathima, Inter disciplinary Expert / CSE
6. Dr.M.Lilly Florence Inter disciplinary Expert/CSE
7. Dr.S.Sumathi, Inter disciplinary Expert / ECE
8. Mr.M.Akbar Sheriff,, Industry Expert
9. Mr.R.Aravind,Alumni Member
10. Mr.S.Sivanandham, Member, Department of IT
11. Mr.R.Regin, Member, Department of IT
12. Mr.S.SathishKumar, Member,Department of IT

**23.1** To confirm the minutes of the 22<sup>nd</sup> meeting of the Board of Studies meeting in Information Technology held on 02.11.2019.

**RESOLVED** that the minutes of the 22<sup>nd</sup> meeting of the Board of Studies in Information Technology held on 02.11.2019 have been considered.

**23.2** To consider the minutes of the Board of Studies in Information Technology held on 25.06.2020

**RESOLVED** that the minutes of the meeting of the Board of Studies in Information Technology held on 25.06.2020 have been considered.

**23.3** To consider the Curriculum and Syllabi of 7<sup>th</sup> Semester B.Tech Information Technology programme under the **Regulations 2015**(CBCS) for the batch of the students admitted in 2017-2018.

**RESOLVED** that the Curriculum and Syllabi of 7<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2015**(CBCS) for the batch of the students admitted in 2017-2018 be approved. **(Annexure –I)**

23.4 To consider the Curriculum and Syllabi of 5<sup>th</sup> Semester B.Tech Information Technology programme under **Regulations 2018(CBCS)** for the batch of the students admitted in 2018- 2019.

**RESOLVED** that the Curriculum and Syllabi of 5<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2018(CBCS)** for the batch of the students admitted in 2018-2019 be approved. (**Annexure –II**)

23.5 To consider the Curriculum and Syllabi of 3<sup>rd</sup> Semester B.Tech Information Technology programme under **Regulations 2018 (CBCS)** for the batch of the students admitted in 2019-2020.

**RESOLVED** that the Curriculum and Syllabi of 3<sup>rd</sup> Semester B.Tech Information Technology Programme under the **Regulations 2018(CBCS)** for the batch of the students admitted in 2019-2020 be approved. (**Annexure –III**)

23.6 To consider the syllabi of Problem solving & Python Programming for 1<sup>st</sup> Semester B.E and B.Tech programme under **Regulations 2018 (CBCS)** for the batch of students to be admitted in 2020-2021.

**RESOLVED** that the syllabi of Problem solving & Python Programming for 1<sup>st</sup> Semester B.E and B.Tech under **Regulation 2018(CBCS)** for batch of the students to be admitted in 2020- 2021 be approved (**Annexure-IV**)

23.7 To consider the Curriculum and Syllabi of 8<sup>th</sup> Semester B.Tech Information Technology programme under the **Regulations 2015(CBCS)** for the batch of the students admitted in 2017-2018.

**RESOLVED** that the Curriculum and Syllabi of 8<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2015(CBCS)** for the batch of students admitted in 2017-2018 be approved. (**Annexure –V**)

23.8 To consider the Curriculum and Syllabi of 6<sup>th</sup> Semester B.Tech Information Technology programme under **Regulations 2018 CBCS)** for the batch of the students admitted in 2018- 2019.

**RESOLVED** that the Curriculum and Syllabi of 6<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2018(CBCS)** for the batch of the students admitted in 2018-2019 be approved. (**Annexure –VI**)



23.9 To consider the Curriculum and Syllabi of 4<sup>th</sup> Semester B.Tech Information Technology programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2019-2020.

**RESOLVED** that the Curriculum and Syllabi of 4<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2018**(CBCS) for the batch of students admitted in 2019-2020 be approved. (**Annexure –VII**)

23.10 To consider the Curriculum and syllabi of Programming in C for 2<sup>nd</sup> Semester B.E and B.Tech programme under **Regulations 2018** (CBCS) for the batch of to be students admitted in 2020-2021.

**RESOLVED** that the syllabi of Programming in C for 2<sup>nd</sup> Semester B.E(CSE) and B.Tech(IT) under **Regulation 2018**(CBCS) for batch of the students to be admitted in 2020- 2021 be approved (**Annexure-VIII**)

23.11 To consider the List of Examiners for Evaluation.

**RESOLVED** that the List of Examiners for Evaluation be approved. (**Annexure –IX**)

23.12 Any other.

Date: ~~14.09.2020~~



Signature of the Chairman -BoS

Chairman, Board of Studies  
Faculty of Information Technology (UG)  
Adhiyamaan College of Engineering (Autonomous)  
Hosur - 635 109  
Krishnagiri (Dt), Tamil Nadu.

**Department of Information Technology 23<sup>rd</sup> BOS Meeting(14-10-2020) - Recommendations**

S. No	Semester	Course Code	Course Name	Remarks (New Course Introduced / Contents Incorporated in the Corresponding Course)
1	V	518ITT03	Computer Networks	Unit-1; Network Types, Performance Metric Unit-2: Checksum, Stop and wait ARQ, Virtual LAN Unit-3; Switching: Circuit Switching, address Mapping: RARP. Unit-4: Techniques to improve QoS Unit-5:Application Layer-SSO
2	V	518ITI04	Computational Intelligence	<ul style="list-style-type: none"> <li>• <b>New Subject introduced</b></li> <li>• 3 Units of AI and 2 Units with Basic Machine Learning concepts</li> </ul>
3	V	518ITE04	Real Time Systems	<p><b>New subject introduced</b> with following units</p> <ul style="list-style-type: none"> <li>• Basic Real Time concepts</li> <li>• Programming Languages and tools</li> <li>• Real Time Database</li> <li>• Real Time System Development Methodologies Evaluation Techniques</li> </ul>
4	VI	618ITT01	Scripting Language	<p><b>New subject Introduced</b></p> <ul style="list-style-type: none"> <li>• Unit I - Introduction to scripting and Perl</li> <li>• Unit II - PHP</li> <li>• Unit III - PHP with MySQL</li> <li>• Unit IV - OOC with DB Integration</li> <li>• Unit V- Introduction to RUBY</li> </ul>
5	VI	618ITT02	Compiler Engineering	<ul style="list-style-type: none"> <li>• Unit I- Introduction to AUTOMATION theory and Regulation Expression</li> <li>• Unit V- Combined Code Generation and Optimization as one unit.</li> </ul>
6	VI	618CIT03	Data ware housing and Data Mining	<ul style="list-style-type: none"> <li>• Unit 3 - Association Rule Mining: Evaluation of Association Patterns</li> <li>• Unit 5-DM application: DM and Society Case Study - Python Libraries New</li> </ul>
7	VI	618ITT04	Object Oriented Modeling and Design	<p><b>New subject Introduced</b></p> <p>Unit I- Modeling concepts- Class and State Modeling Unit II - Advanced State Modeling, Interaction Modeling. Unit III - Process Overview and Domain Analysis Unit IV- System Design Unit V -Class Design</p>

8	VI	6I8ITE04	Mobile Communication	Unit IV- Adhoc Networks -Routing Protocols: ZRP and Introduction to FANETs,MANET Vs VANET Vs FANET
9	Feedback Obtained about Curriculum and Syllabus from Stakeholders (Faculty, Students, Alumni, Employers) were also discussed and Concluded.			

  
 Chairman, Board of Studies  
 Faculty of Information Technology (UG)  
 Adhiyamaan College of Engineering (Autonomous)  
 Hosur - 635 109  
 Krishnagiri (Dt), Tamil Nadu.

**ADHIYAMAAN COLLEGE OF ENGINEERING (AUTONOMOUS), HOSUR-635 109****BOARD OF STUDIES IN INFORMATION TECHNOLOGY**Members Present for the 23<sup>rd</sup> Board of Studies Meeting held on 14.10.2020 at 11.00 A.M**MEMBERS PRESENT**

<b>Sl.No</b>	<b>Name</b>	<b>Designation</b>	<b>Category</b>
1	Dr. D. THILAGAVATHY Professor & Head / IT ACE-Hosur.	Chairman	HOD
2.	Dr.S.Rathi Professor and Head/IT GCT-Coimbatore	Member	University Nominee
3.	Dr.C.Rani Assistant Professor/CSE GCE -Salem	Member	Academic Council Nominee
4	Dr.M.Ramakrishna Professor & Head/CSE Vemana Institute of Technology -Bangalore	Member	Academic Council Nominee
5	Mr.M.Akbar Sheriff Senior Associate Consultant Infosys Limited-Bangalore	Member	Industry Expert
6	Mr.R.Aravind IT Analyst Tech Mahindra-Bangalore	Member	Alumni
7	Dr.G.Fathima Professor & Head / CSE ACE-Hosur	Member	Inter-Disciplinary Member
8	Dr. A.Sumathi Professor & Head / ECE ACE-Hosur	Member	Inter-Disciplinary Member
9	Dr.M.Lilly Florence Professor / CSE ACE-Hosur	Member	Inter-Disciplinary Member
10	Mr. S.Sivanantham Assistant Professor / IT ACE-Hosur	Member	Member of the Faculty
11	Mr.R.Regin Assistant Professor / IT ACE-Hosur	Member	Member of the Faculty
12	Mr.S.SathishKumar Assistant Professor /IT ACE- Hosur	Member	Member of the Faculty

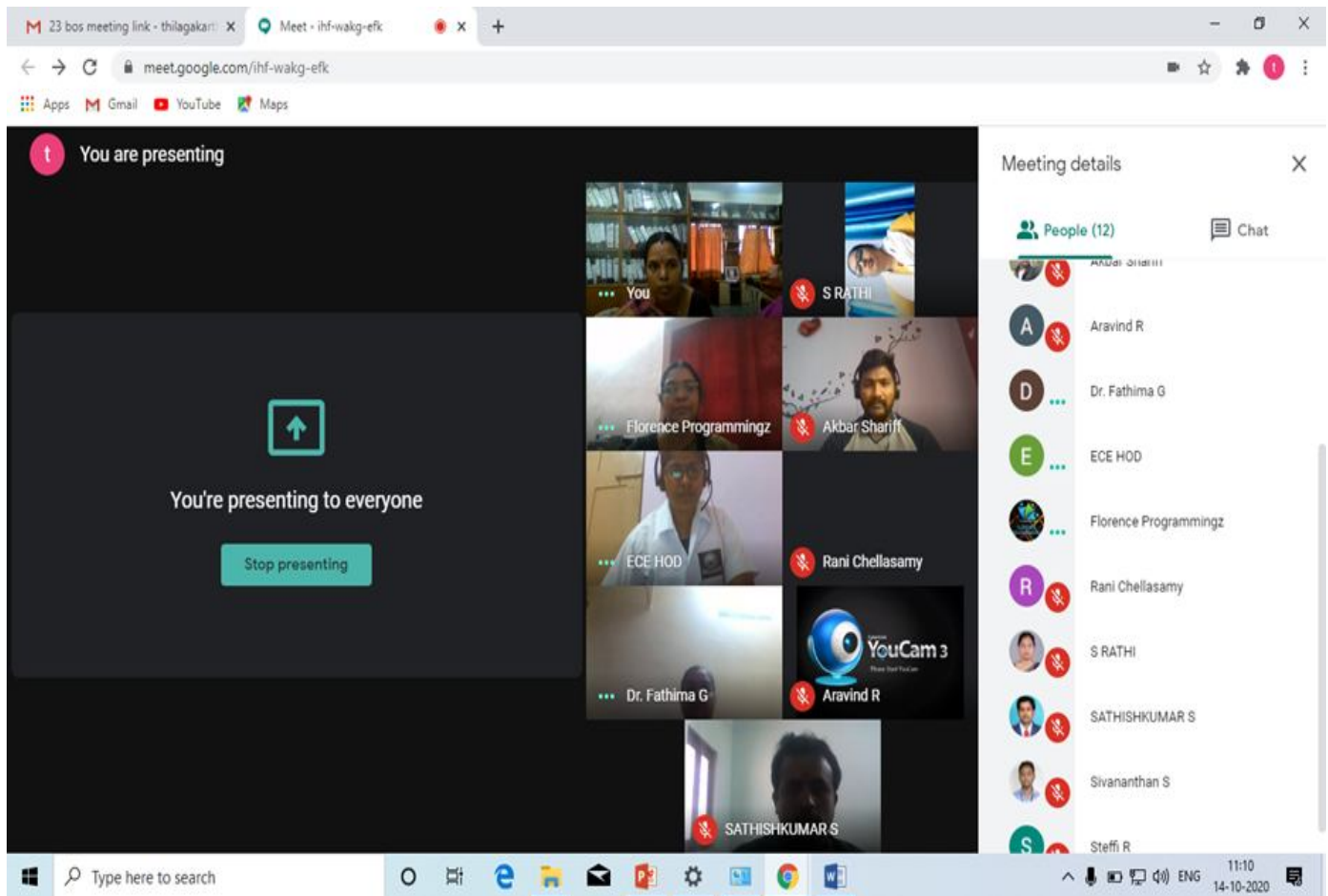
# ADHIYAMAAN COLLEGE OF ENGINEERING

(An Autonomous Institute Affiliated to Anna University, Chennai)

Dr. M.G.R Nagar, Hosur

## DEPARTMENT OF INFORMATION TECHNOLOGY

### Photograph of 23<sup>rd</sup> BOS Meeting on 14-10-2020



**AY:2019 - 2020**

**ADHIYAMAAN COLLEGE OF ENGINEERING, HOSUR**  
(An Autonomous Institute, Affiliated to Anna University, Chennai)  
**BOARD OF STUDIES IN INFORMATION TECHNOLOGY**

**Minutes of the 22<sup>nd</sup> Meeting**

Minutes of the 22<sup>nd</sup> Meeting of Board of Studies in Information Technology held on 02.11.2019 at 10.00 A.M.

**MEMBERS PRESENT**

1. Dr. D. Thilagavathy, Chairman, BOS / Information Technology
2. Dr.R.Manikandan ,Academic Council Nominee
3. Dr.G.Fathima, Inter disciplinary Expert / CSE
4. Dr.S.Sumathi,Inter disciplinary Expert / ECE
5. Dr.M.Lilly Florence Inter disciplinary Expert/CSE
6. Dr.V.Janani,Inter disciplinary Expert/CSE
7. Mr.Krishnamoorthy , Alumni Member
8. Mr.S.Sivanandham, Member, Department of IT
9. Mr.R.Regin, Member, Department of IT

**22.1** To confirm the minutes of the 21<sup>st</sup> meeting of the Board of Studies in Information Technology Engineering held on 13.04.2019.

**RESOLVED** that the minutes of the 21<sup>st</sup> meeting of the Board of Studies in Information Technology held on 13.04.2019 have been considered.

**22.2** To consider the Curriculum and Syllabi of 8<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2015**(CBCS) for the batch of students admitted in 2016-2017.

**RESOLVED** that the Curriculum and Syllabi of 8<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2015**(CBCS) for the batch of students admitted in 2016-2017 be approved. (Annexure -I)

22.3 To consider the Curriculum and Syllabi of 6<sup>th</sup> Semester B.Tech Information Technology Programme under **Regulations 2015**(CBCS) for the batch of students admitted in 2017- 2018.

**RESOLVED** that the Curriculum and Syllabi of 6<sup>th</sup> Semester B.Tech Information Technology Programme under **Regulations 2015**(CBCS) for the batch of students admitted in 2017- 2018 be approved. (Annexure –II)

22.4 To consider the Curriculum and Syllabi of 4<sup>th</sup> Semester B.Tech Information Technology Programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2018-2019.

**RESOLVED** that the Curriculum and Syllabi of 4<sup>th</sup> Semester B.Tech Information Technology Programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2018-2019 be approved. (Annexure –III)

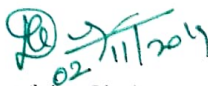
22.5 To consider the syllabi of Object Oriented Programming in C++ for 2<sup>nd</sup> Semester B.E(CSE) and B.Tech (IT) under **Regulation 2018**(CBCS) for batch of students admitted in 2019 - 2020.

**RESOLVED** that the syllabi of Object Oriented Programming in C++ for 2<sup>nd</sup> Semester B.E(CSE) and B.Tech(IT) under **Regulation 2018**(CBCS) for batch of students admitted in 2019 - 2020 be approved. (Annexure-IV)

22.6 To consider the List of Examiners for Evaluation.

**RESOLVED** that the List of Examiners for Evaluation be approved. (Annexure –V)

**Date: 02.11.2019**

  
Signature of the Chairman -BoS  
Chairman, Board of Studies  
Faculty of Information Technology (UG)  
Adhiyamaan College of Engineering (Autonomous)  
Hosur - 635 109  
Krishnagiri (Dt), Tamil Nadu.



**Department of Information Technology 22<sup>th</sup> BOS Meeting ( 02-11-2019 ) - Recommendations**

S. No	Semester	Course Code	Course Name	Remarks (New Course Introduced / Contents Incorporated in the Corresponding Course)
1	IV	418CIT02	Design and Analysis of Algorithm  (Newly Introduced)	NP Hard Graph Problems - Clique Decision Problem - Node ; Cover Decision Problem - Chromatic Number Decision I Problem - NP Hard Scheduling Problem - Flow Shop I Scheduling - Job Shop Scheduling
2	IV	418CIT03	Java programming	Introduction to Wrapper class, Interfaces, String Builder, Array i List- Map,Set Scanner Class
3	IV	418CIT04	Operating Systems	.Basic hardware-Address Binding-Logical Versus Physical Address Space I/O systems- I/O System Overview -I/O Hardware Application I/O Interface -Kernel I/O Subsystem Transforming I/O Requests to Hardware Operations Streams-Performance.
4	IV	418ITP05	Database management Systems	Set Operations -Join Operations - Aggregate Functions - Nested Sub Queries. Transaction as SQL statements, Timestamp based Protocol. Introduction to Distributed Databases and MongoDB
5	IV	418CIT06	Software Engineering	Introduction to Agile Process, Extreme Programming, XP process. Architectural designs for Web Apps and Mobile App. Web App and Mobile App Interface Design - Design Evaluation. Software Testing Strategies - Test Strategies for Conventional Software - Object Oriented Software
6	Feedback Obtained about Curriculum and Syllabus from Stakeholders (Faculty, Students, Alumni, Employers) were also discussed and Concluded.			








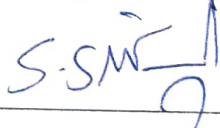

  
 Chairman, Board of Studies  
 Faculty of Information Technology (UG)  
 Adhiyamaan College of Engineering (Autonomous)  
 Hosur - 635 109  
 Krishnagiri (Dt), Tamil Nadu.

ADHIYAMAAN COLLEGE OF ENGINEERING (AUTONOMOUS), HOSUR-635 109

BOARD OF STUDIES IN INFORMATION TECHNOLOGY

Members Present for the 22<sup>nd</sup> Board of Studies Meeting held on 02.11.2019 at 10.00 A.M

MEMBERS PRESENT

Sl.No	Name	Designation	Category	Signature
1	Dr. D. Thilagavathy Professor & Head / IT ACE-Hosur.	Chairman	HOD	
2	Dr.R.Manikandan Associate Professor Department of CSE Government College of Engineering-Thanjavur	Member	Academic Council Nominee	
3	Mr.Krishnamoorthy Technical Team Lead Hewlett Packard Bangalore.	Member	Alumnus Member	
4	Dr.G.Fathima Professor & Head/CSE ACE-Hosur	Member	Inter-Disciplinary Member	
5	Dr. S.Sumathi Professor & Head /ECE ACE-Hosur	Member	Inter-Disciplinary Member	
6.	Dr.M.Lilly Florence Professor/CSE ACE-Hosur	Member	Inter-Disciplinary Member	
7	Dr. V.Janani Assistant Professor/CSE ACE-Hosur.	Member	Inter-Disciplinary Member	
8	Mr. S.Sivanantham Assistant Professor/IT ACE-Hosur	Member	Member of the Faculty	
9	Mr.R.Regin Assistant Professor/IT ACE-Hosur	Member	Member of the Faculty	

# **ADHIYAMAAN COLLEGE OF ENGINEERING**

(An Autonomous Institute Affiliated to Anna University, Chennai)

**Dr. M.G.R Nagar, Hosur**

## **DEPARTMENT OF INFORMATION TECHNOLOGY**

**Photograph of 22<sup>th</sup> BOS Meeting on 02.11.2019**



**Clockwise:**

Mr.R.Regin. Mr.S.Sivanantham, Dr.G.Fathima, Dr.R.Manikandan,  
Dr.D.Thilagavathy, Mr.Krishnamoorth, . Dr.M.Lilly Florence, Dr.V.Janani. Dr.S.Sumathi.

**AY:2018 - 2019**

**ADHIYAMAAN COLLEGE OF ENGINEERING, HOSUR**  
(An Autonomous Institute, Affiliated to Anna University, Chennai)  
**BOARD OF STUDIES IN INFORMATION TECHNOLOGY**

**Minutes of the 21<sup>st</sup> Meeting**

Minutes of the 21<sup>st</sup> meeting of Board of Studies in Information Technology held on 13-04-2019 at 10.00 A.M.

**MEMBERS PRESENT**

1. Dr. D. Thilagavathy, Chairman, BOS / Information Technology
2. Dr.K.Kulothungan, University Nominee
3. Dr.R.Manikandan ,Academic Council Nominee
4. Dr.G.Fathima, Inter disciplinary Expert / CSE
5. Dr.D.Geetha, Inter disciplinary Expert / CSE
6. Dr.S.Sumathi,Inter disciplinary Expert / ECE
7. Mr.K.C.Rohit,Industry Expert
8. Mr.Krishnamoorthy , Alumni Member
9. Mr.V.Sivakumar, Member, Department of IT
10. Mr.S.Sivanandham, Member, Department of IT
11. Mr.R.Regin, Member, Department of IT

21.1 To confirm the minutes of the 20<sup>th</sup> meeting of the Board of Studies in Information Technology Engineering held on 29.10.2018.

**RESOLVED** that the minutes of the 20<sup>th</sup> meeting of the Board of Studies in Information Technology held on 29.10.2018 have been considered.

21.2 To consider the Curriculum and Syllabi of 7<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2015**(CBCS) for the batch of students admitted in 2016-2017.

**RESOLVED** that the Curriculum and Syllabi of 7<sup>th</sup> Semester B.Tech Information Technology Programme under the **Regulations 2015**(CBCS) for the batch of students admitted in 2016-2017 be approved. (**Annexure –I**)

21.3 To consider the Curriculum and Syllabi of 5<sup>th</sup> Semester B.Tech Information Technology Programme under **Regulations 2015**(CBCS) for the batch of students admitted in 2017-2018.

**RESOLVED** that the Curriculum and Syllabi of 5<sup>th</sup> Semester B.Tech Information Technology Programme under **Regulations 2015**(CBCS) for the batch of students admitted in 2017-2018 be approved.(Annexure –II)

21.4 To consider the Curriculum and Syllabi of 3<sup>rd</sup> Semester B.Tech Information Technology Programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2018-2019.

**RESOLVED** that the Curriculum and Syllabi of 3<sup>rd</sup> Semester B.Tech Information Technology Programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2018-2019 be approved (Annexure –III)

21.5 To consider the Syllabi of Fundamentals of Data Structures in C of 3<sup>rd</sup> Semester B.E (Electrical and Electronics Engineering) and B.E (Electronics and Instrumentation Engineering ) programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2018-2019.

**RESOLVED** that the Syllabi of Fundamentals of Data Structures in C of 3<sup>rd</sup> Semester B.E (Electrical and Electronics Engineering) and B.E (Electronics and Instrumentation Engineering ) programme under **Regulations 2018** (CBCS) for the batch of the students admitted in 2018-2019 be approved. (Annexure –IV)


21.6 To consider the Syllabi of Problem solving and Python Programming for 1<sup>st</sup> Semester B.E./ B.Tech. Under **Regulations 2018** (CBCS) for the batch of students to be admitted in 2019-2020.

**RESOLVED** that the syllabi of Problem Solving and Python Programming for 1<sup>st</sup> Semester B.E. / B.Tech .Under **Regulations 2018** (CBCS) for the batch of students to be admitted in 2019-2020 be approved.(Annexure –V)

21.7 To consider the List of Examiners for Evaluation

**RESOLVED** that the List of Examiners for Evaluation be approved. (Annexure –VI)

Date: 13.04.2019

  
Signature of the Chairman -BoS  
Chairman, Board of Studies  
Faculty of Information Technology (UG)  
Adhiyamaan College of Engineering (Autonomous)  
Hosur - 635 109  
Krishnagiri (Dt), Tamil Nadu.

**Department of Information Technology 21<sup>st</sup> BOS Meeting (13-04-2019) - Recommendations**

S. No	Semester	Course Code	Course Name	Remarks (New Course Introduced / Contents Incorporated in the Corresponding Course)
1	III	31SCIT04	Object Oriented Programming in C++	<ul style="list-style-type: none"> <li>Standard Template Library is added.</li> <li>It includes concepts like Sequence and Associative Containers, Iterators, Strong user-defined objects.</li> <li>User defined exception is included in exception handling</li> </ul>
2	III	318CIT05	Data structures	<ul style="list-style-type: none"> <li>Biconnectivity, Cut vertex and Euler Circuits</li> </ul>
3	III	31CIT06	Computer Organization	<ul style="list-style-type: none"> <li>RISC-CISC computer system</li> <li>Performance considerations of Cache memory, Virtual memory</li> <li>Firewire are included in Memory and I / O Organization</li> </ul>
4	III	318EIT06/ 318EET06	Fundamentals of Data structures in c	<ul style="list-style-type: none"> <li>2 Units-C Programming and 3 units of Data Structures.</li> <li>Topics included in C Operations on Files and Memory Management</li> <li>Topics Included in Data Structures- Graph Traversal</li> </ul>
5	Feedback Obtained about Curriculum and Syllabus from Stakeholders (Faculty, Students, Alumni, Employers) were also discussed and Concluded.			




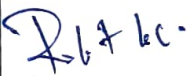


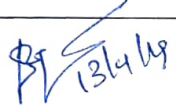
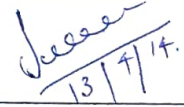

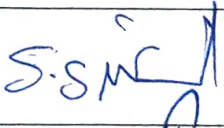

  
 Chairman, Board of Studies  
 Faculty of Information Technology (UG)  
 Adhiyamaan College of Engineering (Autonomous)  
 Hosur - 635 109  
 Krishnagiri (Dt), Tamil Nadu.

**ADHIYAMAAN COLLEGE OF ENGINEERING (AUTONOMOUS), HOSUR-635 109**

**BOARD OF STUDIES IN INFORMATION TECHNOLOGY**

Members Present for the 21<sup>st</sup> Board of Studies Meeting held on 13.04.2019 at 10.00 A.M

**MEMBERS PRESENT**

Sl.No	Name	Designation	Category	Signature
1	Dr. D. Thilagavathy Professor & Head / IT ACE-Hosur.	Chairman	HOD	
2	Dr. K.Kulothungan Asst. Professor (Sr.G) Dept.of Information Science and Technology ,CEG Campus,Anna University Chennai	Member	University Nominee	
3	Dr.S.Neelavathy Pari Dept of Computer technology MIT Campus,Chennai	Member	Academic Council Nominee	—
4	Dr.R.Manikandan Assistant Professor Department of CSE Government College of Engineering-Dharmapuri	Member	Academic Council Nominee	
5	Mr.K.C Rohit Project Lead Tata Consultancy Services Bangalore	Member	Industry Representative	
6	Mr.Krishnamoorthy Technical Team Lead Hewlett Packard Bangalore.	Member	Alumnus Member	
7	Dr.G.Fathima Professor & Head/CSE ACE-Hosur	Member	Inter-Disciplinary Member	
8	Dr. D.Geetha Assistant Professor/CSE ACE-Hosur.	Member	Inter-Disciplinary Member	
9	Dr. S.Sumathi Professor & Head /ECE ACE-Hosur	Member	Inter-Disciplinary Member	
10	Mr.V.Sivakumar Assistant Professor/IT ACE-Hosur	Member	Member of the Faculty	
11	Mr. S.Sivanantham Assistant Professor/IT ACE-Hosur	Member	Member of the Faculty	
12	Mr.R.Regin Assistant Professor/IT ACE-Hosur	Member	Member of the Faculty	



# **ADHIYAMAAN COLLEGE OF ENGINEERING**

(An Autonomous Institute Affiliated to Anna University, Chennai)

**Dr. M.G.R Nagar, Hosur**

## **DEPARTMENT OF INFORMATION TECHNOLOGY**

**Photograph of 21<sup>st</sup> BOS Meeting on 13.04.2019**



**Clockwise:**

Dr. D.Geetha, Dr.S.Sumathi, Dr.G.Fathima, Dr.D.Thilagavathy, Dr.R.Manikandan,  
Dr.K.Kulothungan, Mr.K.C.Rohit ,Mr.Krishnamoorthy, V.Siva Kumar, S.Sivanandham, R.Regin.,

**ADHIYAMAAN COLLEGE OF ENGINEERING (AUTONOMOUS), HOSUR-635 109**

[ An Autonomous Institution under Anna university, Chennai ]

**BOARD OF STUDIES IN INFORMATION TECHNOLOGY**

**Minutes of the 20<sup>th</sup> Meeting**

Minutes of the 20<sup>th</sup> meeting of Board of Studies in Information Technology held on 29-10-2018 at 10.00 A.M.

**MEMBERS PRESENT**

1. Dr. D. Thilagavathy, Chairman, BOS / Information Technology
2. Dr.K.Kulothugan, University Nominee
3. Dr.S.Neelavathy Pari, Academic Council Nominee
4. Dr.R.Manikandan ,Academic Council Nominee
5. Dr.G.Fathima, Inter Disciplinary Expert /CSE
6. Dr.D.Geetha, Inter Disciplinary Expert/CSE
7. Dr.S.Sumathi,Inter Disciplinary Expert/ECE
8. Mr.K.C.Rohit,Industry Expert
9. Mr.V.Sivakumar,Department of IT
- 10.Mr.S.Sivanandham, Member, Department of IT
- 11.Mr.R.Regina, Member, Department of IT

**20.1** To confirm the minutes of the 19<sup>th</sup> meeting of the Board of Studies in Information Technology held on 07.04.2018.

**RESOLVED** that the minutes of the 19<sup>th</sup> meeting of the Board of Studies in Information Technology held on 07.04.2018 have been considered.

**20.2** To consider the Curriculum and Syllabi of 8<sup>th</sup> Semester B.Tech Information Technology Programme under the Regulations 2015 (CBCS) for the batch of students admitted in 2015-2016.

**RESOLVED** that the Curriculum and Syllabi of 8<sup>th</sup> Semester B.Tech Information Technology Programme under the Regulations 2015 (CBCS) for the batch of students admitted in 2015-2016 be approved. (Annexure -I)

**20.3** To consider the Curriculum and Syllabi of 6<sup>th</sup> Semester B.Tech Information Technology Programme under Regulations 2015 (CBCS) for the batch of students admitted in 2016- 2017.

**RESOLVED** that the Curriculum and Syllabi of 6<sup>th</sup> Semester B.Tech Information Technology Programme under Regulations 2015 (CBCS) for the batch of students admitted in 2016- 2017 be approved. (Annexure -II)

20.4 To consider the Curriculum and Syllabi of 4<sup>th</sup> Semester B.Tech Information Technology Programme under **Regulations 2015** (CBCS) for the batch of the students admitted in 2017-2018.

**RESOLVED** that the Curriculum and Syllabi of 4<sup>th</sup> Semester B.Tech Information Technology Programme under **Regulations 2015** (CBCS) for the batch of the students admitted in 2017-2018 be approved. (**Annexure –III**)

20.5 To consider the Syllabi of Data Structures and OOPs for 4<sup>th</sup> Semester B.E-EEE & B.E- E&I under **Regulations 2015** (CBCS) for the batch of students admitted in 2017-2018.

**RESOLVED** that the Syllabi of Data Structures and OOPs for 4<sup>th</sup> Semester B.E-EEE & B.E- E&I under **Regulations 2015** (CBCS) for the batch of students admitted in 2017-2018 be approved. (**Annexure –IV**)

20.6 To consider the Syllabi of Programming in C for 2<sup>nd</sup> Semester B.E CSE& B.Tech IT Under **Regulations 2018** (CBCS) for the batch of students admitted in 2018-2019.

**RESOLVED** that the syllabi of Programming in C for 2<sup>nd</sup> Semester B.E CSE& B.Tech IT Under **Regulations 2018** (CBCS) for the batch of students admitted in 2018-2019 be approved. (**Annexure –V**)

20.7 To Consider rough draft of Curriculum from 3 to 8 Semesters of B.Tech Information Technology under the **Regulations 2018** which is followed as per Choice Based Credit System (CBCS) for the batch of students admitted in 2018-2019.

**RESOLVED** that the rough draft of Curriculum from 3 to 8 Semesters of B.Tech Information Technology under the **Regulations 2018** which is followed as per Choice Based Credit System (CBCS) for the batch of students admitted in 2018-2019. (**Annexure-VI**).


20.8 To consider the Evaluation Criteria of **Regulations 2018** for UG.

**RESOLVED** that the Evaluation Criteria of **Regulations 2018** for UG be approved. (**Annexure-VII**)

20.9 To consider the List of Examiners for Evaluation.


**RESOLVED** that the List of Examiners for Evaluation be approved. (**Annexure-VIII**)

Date: 29.10.2018

  
Signature of the Chairman -BoS  
Chairman, Board of Studies  
Faculty of Information Technology (UG)  
Adhiyamaan College of Engineering (Autonomous)  
Hosur - 635 102  
Krishnagiri (Dt), Tamil Nadu.

**Department of Information Technology 20<sup>th</sup> BOS Meeting ( 29-10-2018 ) - Recommendations**

S. No	Semester	Course Code	Course Name	Remarks (New Course Introduced / Contents Incorporated in the Corresponding Course)
1	II	218CPTOS	Programming in C	<ul style="list-style-type: none"> <li>• Pointers us Separate unit</li> <li>• Pointer to Pointer - Void</li> <li>• Pointer - Null Pointer -</li> <li>• Pointer to Function -</li> <li>• Pointer and Strings.</li> <li>• File Handling Functions -</li> <li>• Error handling Command</li> <li>• Line Argument</li> </ul>
2	VIII	815CIT01	BigData Analytics	Unit V- Big Data Framework
3	VIII	815CIE04	High Performance Network	<ul style="list-style-type: none"> <li>• Unit V QoS - Integrated High Performance Services – Differentiated Services.</li> <li>• Unit V- Frame Relay</li> </ul>
4	<p><b>Newly introduced subjects are</b></p> <ul style="list-style-type: none"> <li>• <b>Foundation Skill in Pro. Development</b> (Professional Elective)</li> <li>• <b>Software Defined Networks</b> (Professional Elective)</li> <li>• <b>Machine Learning Techniques</b> (Professional Elective)</li> <li>• <b>Green Computing</b> (Professional Core)</li> <li>• <b>Cyber Forensics and Ethical Hacking</b> (Professional Elective)</li> </ul>			
5	Feedback Obtained about Curriculum and Syllabus from Stakeholders (Faculty, Students, Alumni, Employers) were also discussed and Concluded.			





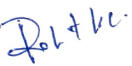
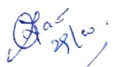
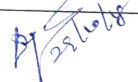
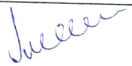

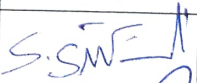

  
 Chairman, Board of Studies  
 Faculty of Information Technology (UG)  
 Adhiyamaan College of Engineering (Autonomous)  
 Hosur - 535 109  
 Krishnagiri (Dt), Tamil Nadu.



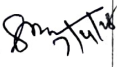
**ADHIYAMAAN COLLEGE OF ENGINEERING (AUTONOMOUS), HOSUR-635 109**

**BOARD OF STUDIES IN INFORMATION TECHNOLOGY**

Members Present for the 20<sup>th</sup> Board of Studies Meeting held on 29.10.2018 at 10.00 A.M

**MEMBERS PRESENT**

Sl.No	Name	Designation	Category	Signature
1	Dr. D. Thilagavathy Professor & Head / IT ACE-Hosur.	Chairman	HOD	
2	Dr. K.Kulothungan Asst.Professor(Sr.G) Dept.of Information Science and Technology ,CEG Campus,Anna University Chennai	Member	University Nominee	
3	Dr.S.Neelavathy Pari Dept of Computer technology MIT Campus,Chennai	Member	Academic Council Nominee	
4	Dr.R.Manikandan Assistant Professor Department of CSE Government College of Engineering-Dharmapuri	Member	Academic Council Nominee	
5	Mr.K.C Rohit Project Lead Tata Consultancy Services Bangalore	Member	Industry Representative	
6	Mr.Krishnamoorthy Technical Team Lead Hewlett Packard Bangalore.	Member	Alumnus Member	-
7	Dr.G.Fathima Professor & Head/CSE ACE-Hosur	Member	Inter-Disciplinary Member	
8	Dr. D.Geetha Assistant Professor/CSE ACE-Hosur.	Member	Inter-Disciplinary Member	
9	Dr. S.Sumathi Professor & Head /ECE ACE-Hosur	Member	Inter-Disciplinary Member	
10	V.Siva Kumar Assistant Professor/IT ACE-Hosur	Member	Member of the Faculty	
11	S.Sivanandham Assistant Professor/IT ACE-Hosur	Member	Member of the Faculty	
12	R.Regin Assistant Professor/IT ACE-Hosur	Member	Member of the Faculty	

S.No	Name	Designation & Address	Category	Signature
9	Dr.M.PRABU	Professor, Department of CSE. Adhiyamaan College of Engineering, Hosur-635109.	SR. FACULTY REPRESENTATIVE	
10	Dr.P.KAVITHA	Associate Professor, Department of Information Technology, Adhiyamaan College of Engineering, Hosur-635109.	FACULTY REPRESENTATIVE	
11	Prof.V.SIVAKUMAR	Assistant Professor, Department of Information Technology, Adhiyamaan College of Engineering, Hosur-635109.	FACULTY REPRESENTATIVE	

# **ADHIYAMAAN COLLEGE OF ENGINEERING**

(An Autonomous Institute Affiliated to Anna University, Chennai)

**Dr. M.G.R Nagar, Hosur**

## **DEPARTMENT OF INFORMATION TECHNOLOGY**

**Photograph of 20<sup>th</sup> BOS Meeting on 29.10.2018**



**Clockwise:**

Mr.K.C.Rohit, Dr.S.Sumathi, Dr.R.Manikandan, Dr.S. Neelavathy Pari,  
Dr. K.Kulothungan, Dr.D.Thilagavathy, Dr.G.Fathima, Dr. D.Geetha, V.Siva Kumar, S.Sivanandham, R.Regin.

**AY:2017 - 2018**



**ADHIYAMAAN COLLEGE OF ENGINEERING, HOSUR**  
(An Autonomous Institute, Affiliated to Anna University, Chennai)

**BOARD OF STUDIES IN INFORMATION TECHNOLOGY**

**MINUTES OF 19<sup>TH</sup> BOS MEETING**

Minutes of the 19<sup>th</sup> Meeting of the Board of Studies in Information Technology held on 07.04.2018 at 10:00 am.

**MEMBERS PRESENT**

1. Dr.G.Fathima, Chairman, BOS / Information Technology
2. Dr.P.Kavitha, Member, BOS / Information Technology
3. Prof.V.Sivakumar, Member, BOS / Information Technology
4. Dr.S.Sumathi, Inter Disciplinary Expert, HOD / ECE, ACE
5. Dr.D.Thilagavathy, Inter Disciplinary Expert, HOD / CSE, ACE
6. Dr.M.Prabu, Inter Disciplinary Expert, Professor / CSE, ACE
7. Dr.T.Revathi, University Nominee
8. Dr.G. Varaprasad, Academic Council Nominee
9. Ms. K.Sangeetha, Industry Representative.

19.1. To confirm the minutes of the 18<sup>th</sup> meeting of the Board of Studies in Information Technology held on 04.11.2017.

**RESOLVED** that the minutes of the 18<sup>th</sup> meeting of the Board of Studies in Information Technology has been considered.

19.2. To consider the syllabi of 7<sup>th</sup> semester B.Tech. - Information Technology under the Regulations 2015 (CBCS) for the batch of students admitted in 2015 – 2016.

**RESOLVED** that the syllabi of 7<sup>th</sup> semester B.Tech. - Information Technology under the Regulations 2015 (CBCS) for the batch of students admitted in 2015 – 2016 be approved.(Annexure -I)

19.3. To consider the syllabi of 5<sup>th</sup> semester B.Tech. - Information Technology under the **Regulations 2015** (CBCS) for the batch of students admitted in 2016 – 2017.

**RESOLVED** that the syllabi of 5<sup>th</sup> semester B.Tech. - Information Technology under the **Regulations 2015** (CBCS) for the batch of students admitted in 2016 – 2017 be approved.  
(Annexure-II)

19.4 To consider the syllabi of 3<sup>rd</sup> semester B.Tech. - Information Technology under the **Regulations 2015** (CBCS) for the batch of students admitted in 2017 – 2018.

**RESOLVED** that the syllabi of 3<sup>rd</sup> semester B.Tech. - Information Technology under the **Regulations 2015** (CBCS) for the batch of students admitted in 2017 – 2018 be approved.  
(Annexure-III)

19.5 To consider the syllabi of 1<sup>st</sup> semester B.E./B.Tech. subjects (related to Computer Science) which is common to all branches to be followed under the **Regulations 2018** (CBCS) for the batch of students to be admitted during 2018 – 2019.

**RESOLVED** that the syllabi of 1<sup>st</sup> semester B.E./B.Tech. subjects (related to Computer Science) which is common to all branches to be followed under the **Regulations 2018** (CBCS) for the batch of students to be admitted during 2018 – 2019 be approved.  
(Annexure-IV)

**Date: 07-04-2018.**

  
**Dr.G.Fathima**  
**Chairman-BOS**  
Chairman, Board of Studies  
Faculty of Information Technology (UG)  
Adhiyamaan College of Engineering (Autonomous)  
Hosur - 635 109  
Krishnagiri (Dt), Tamil Nadu.


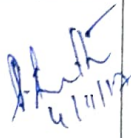

**Department of Information Technology 19<sup>th</sup> BOS Meeting ( 07-04-2018) - Recommendations**

S. No	Semester	Course Code	Course Name	Remarks (New Course Introduced / Contents Incorporated in the Corresponding Course)
1	I	118PPT05	Problem Solving Python Programming	Introduced New core Theory and Lab Course.
2	VII	715CIT03	Mobile Application Development	Introduced New Core Theory and Lab course
3	VII	715CIT02	Data ware housing and Data Mining	Unit V-Trends in Data Mining, Tools-DB Miner and Weka
4	VII	715CIT04	Cloud Computing	Unit-II Cloud Virtualization Unit-III Cloud Computing Mechanism Unit-IV Hadoop MapReduce Unit-V Security in Cloud
5	VII	715ITI01	Mobile Communication	Unit-III Mobile Internet Protocol Unit-IV Mobile Adhoc-VANET, Security Attack and measures in MANET
6	<p><b>Newly Introduced Subjects are</b></p> <ul style="list-style-type: none"> <li>• Internet of Things (Professional Elective)</li> <li>• Social Network Analysis (Professional Elective)</li> <li>• Agile Software Development (Professional Elective)</li> <li>• Parallel and Distributed Computing (Professional Elective)</li> </ul>			
7	<p>Feedback Obtained about Curriculum and Syllabus from Stakeholders (Faculty, Students, Alumni, Employers) were also discussed and Concluded. Value Added Courses are Recommended.</p>			

  
 Chairman, Board of Studies  
 Faculty of Information Technology (UG)  
 Adhiyamaan College of Engineering (Autonomous)  
 Hosur - 635 109  
 Krishnagiri (DT), Tamil Nadu.

**ADHIYAMAAN COLLEGE OF ENGINEERING, HOSUR- 635109**  
**(AUTONOMOUS)**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**19<sup>TH</sup> BOS MEETING ON 07-04-2018**

S.No	Name	Designation & Address	Category	Signature
1	Dr.G.FATHIMA	Professor & Head., Department of Information Technology, Adhiyamaan College of Engineering, Hosur-635109.	CHAIRMAN-BOS	<i>[Signature]</i> 7/4/18
2	Dr.T.REVATHI	Prof.& Head., Department of Information Technology, Mepco Schlenk College of Engg., Sivakasi – 626 005	UNIVERSITY NOMINEE	<i>[Signature]</i> 7/4/18
3	Dr.A.M. KALPANA	Head of the Department, Department of CSE, Government College of Engineering, Salem - 636 011.	ACADEMIC COUNCIL NOMINEE	A
4	Dr. G. VARAPRASAD	Associate Professor, B.M.S College of Engineering, Bangalore – 560019.	ACADEMIC COUNCIL NOMINEE	<i>[Signature]</i> 7/4/18
5	Ms. K.SANGEETHA	Database Architect, Robert Bosch, Bangalore.	INDUSTRY EXPERT	<i>[Signature]</i> Sangeetha
6	Mr.SANDESH NAG KOTHA	Associate Consultant, TCS, Bangalore	REPRESENTATIVE FROM ALUMNI	A
7	Dr.S.SUMATHI	Professor & Head., Department of Electronics & Communication Engineering, Adhiyamaan College of Engineering, Hosur-635109.	INTER DISCIPLINARY EXPERT	<i>[Signature]</i> 7/4/18
8	Dr.D.THILAGAVATHY	Professor & Head., Department of Computer Science and Engineering, Adhiyamaan College of Engineering, Hosur-635109.	INTER DISCIPLINARY EXPERT	<i>[Signature]</i> 7/4/18

S.No	Name	Designation & Address	Category	Signature
9	Dr.M.PRABU	Professor, Department of CSE. Adhiyamaan College of Engineering, Hosur-635109.	SR. FACULTY REPRESENTATIVE	
10	Dr.P.KAVITHA	Associate Professor, Department of Information Technology, Adhiyamaan College of Engineering, Hosur-635109.	FACULTY REPRESENTATIVE	 4/11/15
11	Prof.V.SIVAKUMAR	Assistant Professor, Department of Information Technology, Adhiyamaan College of Engineering, Hosur-635109.	FACULTY REPRESENTATIVE	 04/11/15

# **ADHIYAMAAN COLLEGE OF ENGINEERING**

(An Autonomous Institute Affiliated to Anna University, Chennai)

**Dr. M.G.R Nagar, Hosur**

## **DEPARTMENT OF INFORMATION TECHNOLOGY**

**Photograph of 19<sup>th</sup> BOS Meeting on 07.04.2018**



***Clockwise:***

Dr.S.Sumathi, Dr.D.Thilagavathy, Dr. G. Varaprasad, Dr.T.Revathi, Dr.G.Fathima,  
Ms. K.Sangeetha, Prof.P.Kavitha., Dr.M.Prabu, Prof.V.Sivakumar.

**ADHIYAMAAN COLLEGE OF ENGINEERING, HOSUR**  
(An Autonomous Institute, Affiliated to Anna University, Chennai)

**BOARD OF STUDIES IN INFORMATION TECHNOLOGY**

**MINUTES OF 18<sup>TH</sup> BOS MEETING**

Minutes of the 18<sup>th</sup> Meeting of the Board of Studies in Information Technology held on 04.11.2017 at 10:00 am.

**MEMBERS PRESENT**

1. Dr.G.Fathima, Chairman, BOS / Information Technology
2. Dr.P.Kavitha, Member, BOS / Information Technology
3. Prof.V.Sivakumar, Member, BOS / Information Technology
4. Dr.S.Sumathi, Inter Disciplinary Expert, HOD / ECE, ACE
5. Dr.D.Thilagavathy, Inter Disciplinary Expert, HOD / CSE, ACE
6. Dr.M.Prabu, Inter Disciplinary Expert, Professor / CSE, ACE
7. Dr.T.Revathi, University Nominee
8. Dr.A.M. Kalpana, Academic Council Nominee
9. Dr.G. Varaprasad, Academic Council Nominee
10. Ms. K.Sangeetha, Industry Representative.

18.1. To confirm the minutes of the 17<sup>th</sup> meeting of the Board of Studies in Information Technology held on 04.04.2017.

**RESOLVED** that the minutes of the 17<sup>th</sup> meeting of the Board of Studies in Information Technology has been considered.

18.2. To consider the syllabi of 8<sup>th</sup> semester B.Tech. - Information Technology under the **Regulations 2011** for the batch of students admitted in 2014 – 2015.

**RESOLVED** the syllabi of 8<sup>th</sup> semester B.Tech. - Information Technology under the **Regulations 2011** for the batch of students admitted in 2014 – 2015 be approved.(Annexure -I)

18.3. To consider the syllabi of 6<sup>th</sup> semester B.Tech. - Information Technology under the **Regulations 2015 (CBCS)** for the batch of students admitted in 2015 – 2016.

**RESOLVED** that the syllabi of 6<sup>th</sup> semester B.Tech. - Information Technology under the **Regulations 2015 (CBCS)** for the batch of students admitted in 2015 – 2016 be approved. (Annexure-II)

18.4 To consider the syllabi of 4<sup>th</sup> semester B.Tech. - Information Technology under the **Regulations 2015** (CBCS) for the batch of students admitted in 2016 - 2017.

**RESOLVED** that the syllabi of 4<sup>th</sup> semester B.Tech. - Information Technology under the **Regulations 2015** (CBCS) for the batch of students admitted in 2016 - 2017 be approved. (Annexure-III)

18.5 To consider the syllabi of 4<sup>th</sup> semester of B.E ( Common to EIE & EEE ) Object Oriented Programming and Data Structures & Data Structures Laboratory under the **Regulations 2015** (CBCS) for the batch of students admitted in 2016 – 2017.

**RESOLVED** that consider the syllabi of 4<sup>th</sup> semester of B.E ( Common to EIE & EEE ) Object Oriented Programming and Data Structures & Data Structures Laboratory under the **Regulations 2015** (CBCS) for the batch of students admitted in 2016 – 2017 be approved. (Annexure-IV)

18.6 To consider the syllabi of 2<sup>nd</sup> semester B.E./B.Tech. Object Oriented Programming and Object Oriented Programming Laboratory, which is common to all branches under the **Regulations 2015** (CBCS) for the batch of students admitted in 2017 – 2018.

**RESOLVED** that the syllabi of 2<sup>nd</sup> semester B.E./B.Tech. Object Oriented Programming and Object Oriented Programming Laboratory, which is common to all branches under the **Regulations 2015** (CBCS) for the batch of students admitted in 2017 – 2018 be approved. (Annexure-V)

**Date: 04-11-2017.**



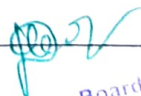
**Dr.G.Fathima**  
**Chairman-BOS**

Chairman, Board of Studies  
Faculty of Information Technology (UG)  
Adhiyamaan College of Engineering (Autonomous)  
Hosur - 635 109  
Krishnagiri (Dt), Tamil Nadu.



**Department of Information Technology 18<sup>th</sup> BOS Meeting (04-11-2017) - Recommendations**

S. No	Semester	Course Code	Course Name	Remarks (New Course Introduced / Contents Incorporated in the Corresponding Course)
1	VI	6151TT01	Compiler Engineering	<ul style="list-style-type: none"> <li>• Finite Automata is included.</li> <li>• Case Study introduced in Unit -V for the better Compiler Engineering understanding of one pass and multi-pass processes in compilers.</li> </ul>
2	VI	615ITT02	Cryptography and Security in Computing	<ul style="list-style-type: none"> <li>• Threats in Networks, Snort were newly included.</li> <li>• Secure Programs, Non Malicious program error, Control against Program Threats were newly added.</li> </ul>
3	VI	615ITT04	Open Source Software	<ul style="list-style-type: none"> <li>• Apart from basics of python, Object oriented concepts, MySQL database integration with GUI programming and CGI concepts were newly included inline with Infosys Industry Elective.</li> </ul>
4	VI	615ITE02	Software Project management	<ul style="list-style-type: none"> <li>• Agile project management concepts were newly added.</li> <li>• Scrum case study and tools for agile project management were introduced as recent trends</li> </ul>
5	VI	6151TP07	Compiler and Security Lab	<ul style="list-style-type: none"> <li>• Security lab Is merged with Compiler lab.</li> <li>• Exercise using Wire shark tools were newly included to understand the packet transfer in networks</li> </ul>
6	<p><b>Newly introduced subjects are</b></p> <ul style="list-style-type: none"> <li>• <b>UNIX Internals</b> (Professional Core)</li> <li>• <b>Semantic Web</b> (Professional Elective)</li> <li>• <b>Game Programming</b> (Professional Elective)</li> <li>• <b>Open Source Software (OSS) Lab</b> (Professional Core)</li> </ul>			
7	<p>Feedback Obtained about Curriculum and Syllabus from Stakeholders (Faculty, Students, Alumni, Employers) were also discussed and Concluded.</p>			


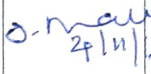
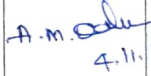
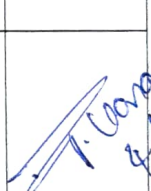
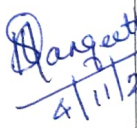
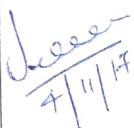

  
 Chairman, Board of Studies  
 Faculty of Information Technology (UG)  
 Adhiyamaan College of Engineering (Autonomous)  
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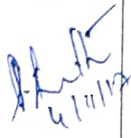

**ADHIYAMAAN COLLEGE OF ENGINEERING, HOSUR- 635109**

(AUTONOMOUS)

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**18<sup>TH</sup> BOS MEETING ON 04-11-2017**

S.No	Name	Designation & Address	Category	Signature
1	Dr.G.FATHIMA	Professor & Head., Department of Information Technology, Adhiyamaan College of Engineering, Hosur-635109.	CHAIRMAN-BOS	
2	Dr.T.REVATHI	Prof.& Head., Department of Information Technology, Mepco Schlenk College of Engg., Sivakasi – 626 005	UNIVERSITY NOMINEE	
3	Dr.A.M. KALPANA	Head of the Department, Department of CSE, Government College of Engineering, Salem - 636 011.	ACADEMIC COUNCIL NOMINEE	
4	Dr. G. VARAPRASAD	Associate Professor, B.M.S College of Engineering, Bangalore – 560019.	ACADEMIC COUNCIL NOMINEE	
5	Ms. K.SANGEETHA	Database Architect, Robert Bosch, Bangalore.	INDUSTRY EXPERT	
6	Mr.SANDESH NAG KOTHA	Associate Consultant, TCS, Bangalore	REPRESENTATIVE FROM ALUMNI	A
7	Dr.S.SUMATHI	Professor & Head., Department of Electronics & Communication Engineering, Adhiyamaan College of Engineering, Hosur-635109.	INTER DISCIPLINARY EXPERT	
8	Dr.D.THILAGAVATHY	Professor & Head., Department of Computer Science and Engineering, Adhiyamaan College of Engineering, Hosur-635109.	INTER DISCIPLINARY EXPERT	

S.No	Name	Designation & Address	Category	Signature
9	Dr.M.PRABU	Professor, Department of CSE. Adhiyamaan College of Engineering, Hosur-635109.	SR. FACULTY REPRESENTATIVE	
10	Dr.P.KAVITHA	Associate Professor, Department of Information Technology, Adhiyamaan College of Engineering, Hosur-635109.	FACULTY REPRESENTATIVE	 4/11/15
11	Prof.V.SIVAKUMAR	Assistant Professor, Department of Information Technology, Adhiyamaan College of Engineering, Hosur-635109.	FACULTY REPRESENTATIVE	 04/11/15

**ADHIYAMAAN COLLEGE OF ENGINEERING**  
(An Autonomous Institute Affiliated to Anna University, Chennai)  
**Dr. M.G.R Nagar, Hosur**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**Photograph of 18<sup>th</sup> BOS Meeting on 04.11.2017**



**Clockwise:**

Dr.S.Sumathi, Dr.P.Kavitha, Dr. G. Varaprasad, Dr.T.Revathi, Dr.G.Fathima,  
Ms. K.Sangeetha, Dr.D.Thilagavathy, Prof.V.Sivakumar, Dr.M.Prabu



**Clockwise:**

Dr.P.Kavitha, Dr.A.M. Kalpana, Dr. G. Varaprasad, Dr.T.Revathi, Dr.G.Fathima,  
Ms. K.Sangeetha, Dr.D.Thilagavathy, Prof.V.Sivakumar, Dr.M.Prabu