



# Hindusthan College of Engineering and Technology

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

Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)

Othakalmandapam Post, Coimbatore – 641 032

Date: 08.03.2018

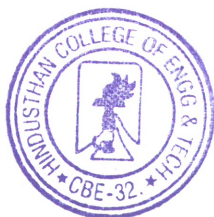
## MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: **Science and Humanities**

The Third Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 08.03.2018 at 10.30 a.m. in the Video Conference Hall, Central Library.

The following members were present:

S.No.	Name and Affiliation	Specialization	Position
1	<b>Dr. K.P.Uma</b> HoD of Science and Humanities, Hindusthan College of Engineering & Technology Coimbatore-641 032 Mobile No.:9442021062 E-mail: umamaths95@gmail.com	Mathematics	Chairman
2	<b>Ms. A. Narmatha</b> Assistant Professor of Mathematics Hindusthan College of Engineering & Technology Coimbatore-641 032 Mobile No.: 9843268171 E-mail: narmadhakrishna@gmail.com	Mathematics	Member
3	<b>Dr. K. Sivakumar</b> Associate Professor of Physics Hindusthan College of Engineering & Technology Coimbatore-641 032 Mobile No.: 9842048708 E-mail:sivakphy@gmail.com	Physics	Member
4	<b>Ms. B. Jeyagowri</b> Assistant Professor of Chemistry Hindusthan College of Engineering & Technology Coimbatore-641 032 Mobile No.: 9894245562 E-mail:gowrivasu2007@gmail.com	Chemistry	Member



5	<b>Ms. M. Narmatha</b> Assistant Professor of English Department of Science and Humanities Hindusthan College of Engineering and Technology Mobile No.: 9994334100 E-mail: marimuthunarmatha@gmail.com	English	Member
6	<b>DR. C. V. Seshaiyah</b> Professor of Mathematics & Head Department of Science & Humanities Sri Ramakrishna Engineering College Coimbatore-641 022 Mobile: 9442633950 E-mail: hod_sh@srec.ac.in	Mathematics	Subject Expert
7	<b>Dr. T. Arunachalam</b> Professor and Head Department of Mathematics Kumaraguru College of Technology Chinnavedampatti, Coimbatore-641006 Mobile: 9842214621 E-mail: hod.maths@kct.ac.in	Mathematics	Subject Expert
8	<b>Dr. N. Muthukumarasamy</b> Professor of Physics & Head, Department of Physics Coimbatore Institute of Technology Coimbatore-641 014 Mobile: 9442954202 E-mail: muthukumar@cit.edu.in	Physics	Subject Expert
9	<b>Dr.S.C.Murugavel</b> Associate Professor & Head, Department of Chemistry PSG College of Technology, Coimbatore-641 004 Mobile: 9443065037 E-mail: psgmvel@yahoo.co.in / mvelpsg@yahoo.com	Chemistry	Subject Expert
10	<b>Dr. Anbazhagan Vijay</b> Professor of English Government College of Technology Coimbatore 641 049 Mobile: 9976311119	English	Subject Expert
11	<b>Dr. T. Sivakumar,</b> Associate Professor, Department of Chemistry, Anna University, Chennai - 25	Mathematics	University Nominee



The following member could not attend the meeting due to other engagements: **Dr. Anbazhagan Vijay/Subject Expert/English**

- The chairperson briefly explained the Salient features of Regulation 2016 to all the BoS members.
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre - Board of Studies (Pre-BoS) /Department Advisory Committee (DAC).
- Feedback given by the stakeholders on curriculum was presented by the Chairman.
- Followed by, Chairman presented the suggestions given by the BoS experts and the action taken report during the Previous BoS meeting, which was held during 12.05.2017, was approved.

### **Recommendations by BoS members (Subject Related)**

1. In 16PH1101-Engineering Physics – 4% has been revised as per the recommendations of stakeholders.
2. In 16PH2102 Physics for materials – 4% has been revised as per the recommendations of stakeholders.

### **General Recommendations**

- There can be at least 4 mathematics courses to every engineering discipline.

**The following resolutions were made in the Board of Studies meeting:**

- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were passed by the Science and Humanities, Computer Science and Engineering, Mechanical Engineering, Electrical and Electronics Engineering boards and Electronics and Communication Engineering permitted to move on Academic Council by the BoS members of Science and Humanities for the students admitted during the academic year 2018-2019 and onwards.
- **Same first Semester courses will be followed for the new branches -Agriculture Engineering, Bio Medical Engineering & Food Technology .**
- **For the Second Semester 16AG 2201- Principles and Practices of Crop Production (Only for AGRI), 16EC2201 -Electron Devices and Circuits ( Only for BM) and 16CY2101- Fundamentals of Bio Chemistry (Only for FT) were introduced and passed by the respective departments and permitted to move on Academic Council by**



the BoS members of Science and Humanities for the students admitted during the academic year 2018-2019 and onwards.

- The curriculum and syllabus of Regulation 2016 for the III & IV semester Mathematics subjects for the newly introduced programmes were proposed by the Science and Humanities board and permitted to move on to Academic Council by the BoS members of Science and Humanities for the students admitted during the academic year 2018-2019 and onwards.
- Chairman conveyed that, the Suggestions given by the Board of Studies members are to be incorporated in Regulation 2016.
- Chairman conveyed that, the Suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with a vote of thanks at 12.30 pm.

**Enclose:**

1. Previous BoS Minutes-ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File

**Chairman  
Board of Studies**

**Dr. K. P. UMA  
Prof & Head**

**Department of Science and Humanities  
Hindusthan College of Engineering and Technology**



# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date: 03.03.2018

## MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: **Aeronautical Engineering**

The Third Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 03.03.2018 at 9.30 A.M. in the Video Conference Hall, Central Library.

The following members were present.

S. No.	Name of the Person	Department	Position
1	Dr.Pradhapraj.M	Professor / Head, Department of Aeronautical Engineering, Hindusthan College of Engineering and Technology.	Chairman
2	Dr.B.T.N.Sridhar	Professor & Head, Department of Aerospace Engineering, Anna University, MIT Campus, Chrompet, Chennai.	University Nominee
3	Dr.A.P.Haran	Professor and Head, Department of Aeronautical Engineering, Park College of Engg & Tech, Coimbatore.	Subject Expert 1
4	Dr.K.Sundararaj	Professor and Head, Department of Aeronautical Engineering, Kumaraguru College of Technology, Coimbatore.	Subject Expert 2
5	Mr.V.Alaguraj	Founder, M/s MACH ENGINEERS, Anna Nagar, Peelamedu, Coimbatore	Industry Member
6	Mr.V.T.Gopinathan	Assistant Professor, Department of Aeronautical Engineering, Hindusthan College of Engineering and Technology.	Member



7	Mr.M.Ganesh	Assistant Professor, Department of Aeronautical Engineering, Hindusthan College of Engineering and Technology.	Member
8	Mr.R.Veeramanikanda n	Assistant Professor, Department of Aeronautical Engineering, Hindusthan College of Engineering and Technology.	Member
9	Mrs. Vijayalakshmi.T	Assistant Professor, Department of Aeronautical Engineering, Hindusthan College of Engineering and Technology.	Member
10	Mr.C. Pramodass	Proprietor, M/s, Naut Engineering Solutions, Coimbatore.	Alumni Member

The following members could not attend the meeting due to other engagements.

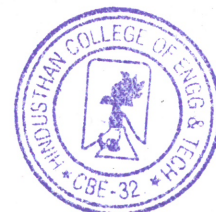
1. Dr.A.P.Haran

Professor and Head,

Department of Aeronautical Engineering,

Park College of Engg & Tech, Coimbatore.

- The Chairman welcomed University nominees, Subject experts, special invitees and all the internal members for the Board of Studies meeting.
- Chairman informed the members that, Mrs. Vijayalakshmi.T, Asst.Prof/AERO has been included as a member instead of Mr.A.Muthumari Karthick, Asst.Prof /AERO.
- The chairperson briefly explained the Salient features of Regulation 2016 to all the BoS members
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre- Board of Studies (Pre- BoS)/ Department Advisory Committee (DAC).
- The feedback received on the curriculum by the stakeholders was presented.
- Followed by, Chairman presented the suggestions given by the BoS experts and the action taken report during the Previous BoS meeting, which was held during 13.05.2017. Members of the BOS approved the same.

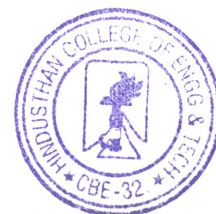


## Recommendations by BoS members:

- 1) Chairman presented the syllabus for the Following
  - a. In “16AE5002-Propulsion laboratory”, 25% syllabus revision has been done.
  - b. In ‘16AE5001-Aircraft Structures laboratory’, 20% syllabus change has been made based on the feedback of stakeholders.
  - c. In the course “16AE5201-Aircraft Performance”, 20% syllabus revision has been done.
  - d. In “16AE5204- Advanced Propulsion”, 25% syllabus revision has been done.
  - e. First semester Computer programming (theory & lab) is replaced by “16GE1103-Problem Solving and Python Programming (theory) and 16GE1004 - Problem Solving and Python Programming Laboratory” by the Board of CSE and same has been accepted by our board members.
  - f. Semester V & VI - Skill Development courses introduced for member’s approval.
    - 16AE5205- Aircraft General Engineering Maintenance and practice
    - 16AE6203- Composite Materials and Structures
    - 16AE6001 - Aircraft Design Project
  - g. Semester V & VI- Following Employability courses for members approval
    - 16AE6202 - Finite Element Methods in Engineering
    - 16AE6003 - Aircraft Systems Laboratory
  - h. Regulations of the Credit system for Online Courses are elaborated to BoS members.
  - i. Information regarding up-gradation in Regulations -2016 which are made as per the guidelines of standing committee is conveyed to BoS members.
  - j. The following value added and certificate courses with the duration of minimum 30 hrs each are introduced as suggested.
    - i. ANSYS
    - ii. AUTOCAD
    - iii. Mesh tools for industrial application
    - iv. CATIA

### **The following resolutions were made in the Board of Studies meeting,**

- In almost all the courses, changes have been made as per the Local, Regional, National and Global needs.



- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were passed by the Science and Humanities, Computer Science and Engineering, Mechanical Engineering, Electrical and Electronics Engineering boards and permitted to move on Academic Council by the BoS members of Aeronautical Engineering for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabus of Regulation 2016 for the III & IV semester Mathematics subjects were passed by the Science and Humanities board and permitted to move on to Academic Council by the BoS members of Aeronautical Engineering for the students admitted during the academic year 2017-2018 and onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects of B.E Aeronautical Engineering program for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.
- Based on Anna University Curriculum, the revised curriculum and syllabi for V and VI semesters of R2016 were introduced for the B.E Aeronautical Engineering program for the students admitted in the academic year 2016-17 and onwards and the same were presented and discussed. It was permitted to move on to the Academic Council.
- Chairman conveyed that the suggestions given by the Board of Studies members are to be incorporated in R2016.
- The Chairman conveyed that the suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with a vote of thanks at 12.30 P.M.

  
Chairman

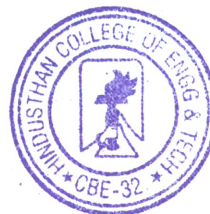
Board of Studies  
**Chairman - BoS**  
**AERO - HICET**

**Enclose:**

1. Previous BoS Minutes-ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File



# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date: 12.03.2018

## MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: **Automobile Engineering**

The Third Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 10.03.2018 at 10.30 a.m. in the Automobile Board room.

The following members were present.

S.No	Name of the Person	Department	Position
1	Dr.C.Sabarinathan	Professor and Head, Department of Automobile Engineering, Hindusthan College of Engineering and Technology.	Chairman
2	Dr Prathap P	Associate Professor, Department of Automobile Engineering, Hindusthan College of Engineering and Technology.	Member
3	Mr. J. Yogaraja	Assistant Professor, Department of Automobile Engineering, Hindusthan College of Engineering and Technology.	Member
4	Mr. Naresh Mallireddy	Assistant Professor, Department of Automobile Engineering, Hindusthan College of Engineering and Technology.	Member
5	Mr.J.Krishnaraj	Assistant Professor, Department of Automobile Engineering, Hindusthan College of Engineering and Technology.	Member
6	Mr.Samuel Gemsprim	Assistant Professor, Department of Automobile Engineering, Hindusthan College of Engineering and Technology.	Member
7	Mr Barathkannan P	Assistant Professor, Department of Automobile Engineering, Hindusthan College of Engineering and Technology.	Member



8	Mr Diwagar G	Assistant Professor, Department of Automobile Engineering, Hindusthan College of Engineering and Technology.	Member
9	Mr Ragu S	Assistant Professor, Department of Automobile Engineering, Hindusthan College of Engineering and Technology.	Member
10	Mr Naveenraj D	Assistant Professor, Department of Automobile Engineering, Hindusthan College of Engineering and Technology.	Member
11	Dr. Rajesh Ranganathan	Associate Professor, Department of Mechanical Engineering Coimbatore Institute of Technology, Coimbatore.	Subject Expert 1
12	Dr. M.Selvakumar	Associate Professor, Department of Automobile Engineering, Dr Mahalingam College of Engineering and Technology, Pollachi.	Subject Expert 2
13	Mr.G.Prabhuraja	Design Engineer – Research & Development, ATS ELGI Limited, Coimbatore – 641 021.	Representative from Industry
14	Mr.S.Siravanan	Third Year – Automobile Engineering, Hindusthan College of Engineering and Technology, Coimbatore - 32	Student Representative
15	Dr. G. Devaradjane	Professor, Department of Automobile Engineering, Anna University, MIT Campus, Chrompet, Chennai	University Nominee

The following member could not attend the meeting due to other engagements.

Dr.G.Devaradjane, Professor,  
Department of Automobile Engineering,  
Anna University, MIT Campus, Chrompet, Chennai

The Chairman-BoS welcomed the University nominee, Subject experts, special invitees and all the internal members for the third Board of Studies meeting.

- Chairman informed to members that, Mr.P.Barath Kannan, Asst.Prof/Auto, Mr.S.Ragu, Asst.Prof/Auto Mr.G.Diwagar, Asst.Prof/Auto and Mr.D.Naveenraj, Asst.Prof/Auto have been included as a members.



- Followed by, Chairman presented the suggestions given by the experts and the action taken report during the Previous BoS meeting which was held during **18.05.2017** was approved.
- The feedback received on curriculum by the stakeholders was presented by the Chairman-BoS
- Chairman also gave an outline of the changes to be made in the curriculum given by the Pre- Board of Studies (Pre- BoS)/ Department Advisory Committee (DAC) and emphasized the importance of Skill Development courses in the curriculum to be in line with the industry needs.

The following changes are made in the first semester to sixth semester syllabus based on the feedback of stakeholders.

### **Recommendations by BoS members:**

#### **Semester I**

- The chairman proposed about the replacement of new subject in the 1st semester named as '16GE1103 - Problem solving and Python programming' instead of "Computer programming".
- Similarly, in the same semester, the respective lab subject is to be replaced by, '16GE1004 - Problem solving and Python programming Lab' instead of 'Computer programming lab'.
- Dr. Rajesh Ranganathan suggested inclusion of non-linear optimization techniques which can be incorporated to the syllabus and finally the BOS members accepted the revised syllabus without any change.

#### **Semester II**

No Changes

#### **Semester III**

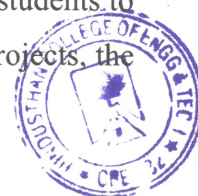
No Changes

#### **Semester IV**

No Changes

#### **Semester V**

- Vehicle Design and Data Characteristics' subject shall be shifted from VI semester to V semester.
- '16AU5205 - Automotive Engine Components Design' subject should be verified with '16AU5204 - Design of Machine Elements' subject for any repetitions or mismatch of contents.
- To meet the industrial requirements and to enhance the design skills of the students to participate in the various vehicle design and fabrication competitions and projects, the



'16AU5001 - Computer Aided Engine and Chassis Design laboratory' can be swapped from VI semester to in this semester.

- In the '16AU5201 - Vehicle Design and Data Characteristics' subject, the chairman proposed about the inclusion of 'comparison of any five passenger and /or load carrying vehicles along with its technical specifications' in order to enhance the higher order thinking. This was accepted by the BOS members. A revision of 5% has been done.
- In "16AU5001 - Computer Aided Engine and Chassis Design Laboratory", the chairman asked a suggestion from the BOS members about removal of four exercises which are already covered in other core subjects. The same to be approved by BOS Members. A revision of 10% has been done.

### **Semester VI**

- A new subject entitled as '16AU6203 - Vehicle Dynamics' shall be included in this semester.
- A laboratory subject to provide hands on training and practice in CAE software, a new laboratory subject named as "16AU6002 - Finite Element Analysis Laboratory" shall be included in any of the higher semesters, preferably VI semester.
- In the '16AU6204 - Two and Three Wheeler Technology' subject, the chairman proposed that newer technologies like DTS –I, DTS – Si, CVT - i, etc. may be added to the unit V, and was accepted by the BOS members. A revision of 15% changes has been done.
- In order to enhance the higher order thinking level of the students, end of this subject student has to design carburetor, Electrical and Electronics Systems, Suspension, Gear Train etc.,
- The BoS members gone through the Unit V contents and accepted the same

### **Professional Electives – I and II**

- The curriculum and syllabus of the Professional Electives I and II subjects were reviewed and accepted without any changes.

### **Open Elective I**

- The curriculum and syllabus of the Open Elective I Subject was reviewed and accepted without any changes.

### **Dr.G.Devaradjane, University Nominee**

With reference to the mail: He highly appreciates the incorporation of higher order thinking topics in higher semester. Professor suggested that in the Vehicle Design and Data Characteristics subject it is enough to compare any 5-passenger car technical specification. Furthermore, he accepted all the additions and deletions of curriculum from 1st to 8th Semester



and syllabus from I to VI semesters along with the respective professional and open electives presented by the chairman.

**General Suggestions:**

- In Semester V & VI - Skill Development courses introduced for member's approval.
  - 16AU5001 - Computer Aided Engine and Chassis Design Laboratory
  - 16AU6001 - Two and Three Wheelers Laboratory
  - 16AU6002 - Finite Element Analysis Laboratory
  - 16AU6801 - Mini Project
- Semester V & VI - Following Employability courses for member's approval
  - 16AU5002 - Automotive Fuels and Lubricants Laboratory
  - 16AU5201 - Vehicle Design and Data Characteristics
  - 16AU5202 - Automotive Transmission
  - 16AU5203 - Automotive Fuels and Lubricants
  - 16AU5204 - Design of Machine Elements
  - 16AU5205 - Automotive Engine Components Design
  - 16AU5301 - Fundamentals of Computational Fluid Dynamics
  - 16AU5302 - Automotive Air – Conditioning
  - 16AU5303 - Alternative Fuels and Energy System
  - 16AU5304 - Noise, Vibration and Harshness
  - 16AU5305 - Fuel Cell Technology
  - 16AU5306 - Metrology and Instrumentation
  - 16AU6204 - Two and Three Wheeler Technology
  - 16AU6201 - Finite Element Analysis
  - 16AU6202 - Automotive Chassis Components Design
  - 16AU6203 - Vehicle Dynamics

The following value added and certificate courses with the duration of minimum 30 hrs each are introduced as suggested

- Solid Works
- Advanced Excel and MS Word
- Advanced Vehicle Electronics
- Foundry Technology
- Advanced Autodesk Inventor


**The following resolutions were made in the Board of Studies meeting,**

- In almost all the courses, changes have been done as per the Local, Regional, National and Global needs.



- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were passed by the Science and Humanities, Computer Science and Engineering, Mechanical Engineering, Electrical and Electronics Engineering boards and permitted to move on Academic Council by the BoS members of Automobile Engineering for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabus of Regulation 2016 for the III & IV semester Mathematics subjects were passed by the Science and Humanities board and permitted to move on to Academic Council by the BoS members of Automobile Engineering for the students admitted during the academic year 2017-2018 and onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects of B.E Automobile Engineering program for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.
- Based on Anna University Curriculum, the revised curriculum and syllabi for V and VI semesters of R2016 were introduced for B.E Automobile Engineering program for the students admitted in the academic year 2016-17 and onwards and the same were presented and discussed. It was permitted to move on to the Academic Council.
- Chairman conveyed that; the Suggestions given by the Board of Studies members are to be incorporated in R2016.
- Chairman conveyed that the Suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with thanks to the Chairman at 1.30 P.M.

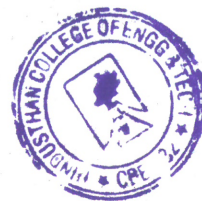
  
 Chairman  
 Board of Studies  
**Chairman - BoS**  
**AUTO - HICET**

**Enclose:**

1. Previous BoS Minutes-ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File



# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date: 19.03.2018

## MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: CIVIL ENGINEERING (UG)

The Third Board of Studies meeting of Regulation 2016 for the academic year 2018 - 2019 was conducted on 19.03.2018 at 11.00 a.m. in the library conference hall.

The following members were present:

S.No	Name of the Person	Department	Position
1	Dr. K. Akil	Professor and Head, Department of Civil Engineering, Hindusthan College of Engineering and Technology.	Chairman
2	Dr. Basavaraj Veeranna Mudgal	Professor, Department of Civil Engineering, Anna University, Chennai.	University Nominee
3	Dr. P. Eswaramoorthi	Professor, Department of Civil Engineering, Kumaraguru College of Technology Coimbatore.	Subject Expert 1
4	Dr. S. Jayanthi	Principal i/c & Professor, Department of Civil Engineering, Government College of Engineering, Coimbatore.	Subject Expert 2
5	Er. M. Balamurugan	Chartered Engineer and Approved Valuer Coimbatore Civil Engineers Association, Coimbatore.	Representative from Industry
6	Mr. R. Senthil Kumar	Assistant Professor, Department of Civil Engineering, Hindusthan College of Engineering and Technology.	Member
7	Mr. A. Alex Livingston Raja	Assistant Professor, Department of Civil Engineering, Hindusthan College of Engineering and Technology.	Member



8	Ms. K. Saraswathi	Assistant Professor, Department of Civil Engineering, Hindusthan College of Engineering and Technology.	Member
9	Ms. P. Subashree	Assistant Professor, Department of Civil Engineering, Hindusthan College of Engineering and Technology.	Member
10	Mr. K. Suresh Kumar	Project Engineer Sri Sabari Builders Mettupalayam.	Alumni
11	Mr. C. Johhson	F/o. Mr. J. Jimson Larson David (16103809)	Parent Member

- The Chairman-BoS welcomed the University nominee, Subject experts, special invitees and all the internal members for the third Board of Studies meeting.
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre- Board of studies (Pre- BoS)/ Department Advisory Committee (DAC) and emphasized the importance of Skill Development courses in the curriculum to be in line with the industry needs.
- The feedback received on the curriculum by the stakeholders was presented.
- Followed by, Chairman presented the suggestions given by the experts and the action taken report during the Previous BoS meeting, which was held during 26.05.2017. Members of the BOS approved the same.

**Recommendations by BoS members:**

- BoS members suggested revising the list of reference books for "16CE5201 – Structural Analysis I" and "16CE6201 – Structural Analysis II" subjects.
- BoS members suggested that, "16CE5003 – Survey Camp" Total Station recordings and plotting should be added.
- Subject Expert (Dr. S. Jayanthi) suggested that, '16CE6203 – Transportation Engineering II' to be renamed as Airports, Docks and Harbor Engineering and to be included under Professional Elective – II under VI semester.
- Representative from Industry (Er. M. Balamurugan) suggested that, '16CE5003 - Survey Camp' to be added to the V semester which carries 1 credit.
- BoS members suggested that, "16CE6204 – Wastewater Engineering" SBR – Advanced Treatment Process should be included in Unit IV.



- f. BoS members suggested that, “16CE6002 - “Design and Drawing- I (RCC & Steel)” Software analysis to be included in experiments. IS 875(1, 2, 3) – 1987 should be included.
- g. BoS members suggested that, “16CE5304 - Construction Planning and Scheduling” Software used in project management should be included in Unit I.
- h. BoS members suggested that, “16CE6202 – Design of RCC Structures” Masonry in Unit V should be replaced by Bridge Design.
- Semester V& VI - Following Skill Development courses for members approval
  - 16CE6303 - Urban Planning and Development
  - 16CE6305 - Engineering Economics and Cost Analysis
- Semester V& VI - Following Employability course for members approval
  - 16CE6302 - Interior Design
- The following value added and certificate courses with the duration of minimum 30 hrs each are introduced as suggested.
  - Modeling, Analysis and Design of Elements using Bentley STAAD.Pro

**The following resolutions were made in the Board of Studies meeting,**

- In almost all the courses, changes have been done as per the Local, Regional, National and Global needs.
- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were passed by the Science and Humanities, Computer Science and Engineering, Mechanical Engineering, Electrical and Electronics Engineering boards and permitted to move on Academic Council by the BoS members of Civil Engineering for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabus of Regulation 2016 for the III & IV semester Mathematics subjects were passed by the Science and Humanities board and permitted to move on to Academic Council by the BoS members of Civil Engineering for the students admitted during the academic year 2017-2018 and onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects of B.E Civil Engineering program for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.
- Based on Anna University Curriculum, the revised curriculum and syllabi for V and VI semesters of R2016 were introduced for the B.E Civil Engineering program for the



students admitted in the academic year 2016-17 and onwards and the same were presented and discussed. It was permitted to move on to the Academic Council.

- Chairman conveyed that the suggestions given by the Board of Studies members are to be incorporated in 2016.
- Chairman conveyed that the suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with vote of thanks to the members by chairman at 1.30 P.M.

*lll. l*  
~~Chairman~~

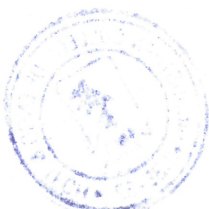
Board of Studies  
**Chairman - BoS**  
**CIVIL - HiCET**

Enclose:

1. Previous BoS Minutes-ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

Copy:

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File



# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date: 09.03.2018

## MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: **Computer Science and Engineering**

The Third Board of Studies meeting of Regulation 2016 for the academic year 2018-2019 was conducted on 09.03.2018 at 02.30 p.m. in the Video Conference Hall, Central Library.

The following members were present.

S.No.	Name of the Person	Department	Position
1	Dr Shankar S	Professor / Head, Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology.	Chairman
2	Dr Thangaraj P	Professor / Head, Anna University, Chennai.	University Nominee
3	Dr Shanmuga Lakshmi R	Professor & Head / EEE, Government College of Engineering, Salem.	Subject Expert 1
4	Dr Nedunchezian R	Professor/CSE, Coimbatore Institute of Technology, Coimbatore	Subject Expert 2
5	Mr Paramasivam Venkataramsamy	Chief Technology Officer, Synaptris, Chennai	Representative from Industry
6	Dr Sengottaiyan N	Professor, Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology.	Member
7	Dr Deeba K	Associate Professor, Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology.	Member
8	Mr Satheesh Kumar D	Assistant Professor, Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology	Member
9	Dr Dhiyanesh B	Assistant Professor, Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology	Member
10	Ms Kiruthiga G	Assistant Professor, Department of Computer Science and Engineering,	Member



		Hindusthan College of Engineering and Technology	
11	Mr Dharmalingram P S	CTS, Chennai.	Alumni Member

The following member could not attend the meeting due to other engagements.

1. Mr Paramasivam Venkataramsamy (Representative from Industry)  
Chief Technology Officer, Synaptris, Chennai

2. Mr Dharmalingram P S (Alumni)

- The Chairman-BoS welcomed the University nominee, Subject experts, special invitees and all the internal members for the third Board of Studies meeting.
- Chairman informed the members that, Dr Shanmuga Lakshmi R, Subject Expert have been included instead of Dr Valarmathi M L.
- Chairman informed to members that, Dr Dhiyanesh B, Assistant Professor/CSE have been included as a member instead of Dr Jasmine Selvakumari Jeya I, Associate Professor/CSE and Ms Kiruthiga G, Assistant Professor/CSE have been included as a member instead of Ms Mehala G, Assistant Professor/CSE.
- The feedback received on curriculum by the stakeholders was presented by the Chairman-BoS
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum and Development Cell (CDC) & Pre- Board of Studies (Pre- BoS)/ Department Advisory Committee (DAC) and emphasized the importance of Skill Development & Employability courses in the curriculum to be in line with the industry needs.
- Followed by, Chairman presented the suggestions given by the BoS experts and the action taken report during the Previous BoS meeting which was held during **19.05.2017** was approved.

**Recommendations by BoS members (Subject Related):**

- 1) Chairman presented the syllabus for the following
  - a. Based on the recommendation of Pre- Board of Studies (Pre- BoS)/ Department Advisory Committee (DAC), Computer programming (theory & laboratory) was replaced with Problem Solving and Python Programming (theory & laboratory) and Object Oriented Programming with C++ with Programming in C and C++.
  - b. University Nominee suggested including the publication year of Text and Reference books in both the courses Problem Solving and Python Programming and Programming in C and C++.



- 2) In “16CS5202-Free open source Software I”, 60% syllabus revision made with relevant topics.
- 3) In “16CS5203-Computer Architecture”, 25% syllabus change has been made based on the feedback of stakeholders.
- 4) In “16CS5204-Theory of Computation”, 40% syllabus revision has been undertaken.
- 5) In “16CS5002-Open source programming Laboratory”, 40% syllabus revision made with relevant topics.
- 6) In “16CS5302-Visualization Techniques”, 80% syllabus revision made with relevant topics.
- 7) In “16CS5304-Information Storage Management”, 65% syllabus change has been made based on the feedback of stakeholders.
- 8) In “16CS5305-TCP/IP Principles and Architecture”, 80% syllabus revision made with relevant topics.
- 9) In “16CS6201-Free Open Source Software II”, 70% syllabus change has been made based on the feedback of stakeholders.
- 10) In “16CS6203-Internet of Things”, 40% syllabus revision has been undertaken.
- 11) In “16CS6204-Software Quality Assurance”, 50% syllabus revision made with relevant topics.
- 12) In “16CS6001-Open source programming Laboratory II”, 50% syllabus revision made with relevant topics.
- 13) In “16CS6301-Enterprise Computing”, 60% syllabus change has been made based on the feedback of stakeholders.
- 14) In “16CS6302-Social Network Analysis”, 80% syllabus revision made with relevant topics.
- 15) In “16CS6305-Network and routing protocols”, 20% syllabus change has been made based on the feedback of stakeholders.

a. Semester V & VI - Skill Development courses introduced for member’s approval.

- 16CS5202 - Free Open Source Software – I
- 16CS6201 - Free Open Source Software II
- 16CS6202 - Compiler Design

b. Semester V & VI - Following Employability courses for members approval

- 16CS5201 - Computer Networks
- 16CS5204 - Theory Of Computation
- 16CS6203 - Internet Of Things

c. Semester VI – Entrepreneurship course introduced for member’s approval.



- 16CS6204 - Software Quality Assurance

d. Regulations of the Credit system for Online Courses are elaborated to BoS members.

e. Information regarding up-gradation in Regulations -2016 that are made as per the guidelines of standing committee is conveyed to BoS members.

16) The following value added and certificate courses with the duration of minimum 30 hrs each are introduced as suggested.

- Grid and Cloud Computing
- Wireless Networks and IoT Applications
- Computer Graphics and Image Processing
- Principles of Programming Language
- Computer Graphics & Multimedia

**The following resolutions were made in the Board of Studies meeting,**

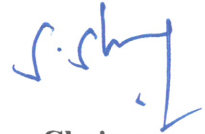
- In almost all the courses, changes have been done as per the Local, Regional, National and Global needs.
- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were passed by the Science and Humanities, Information Technology, Mechanical Engineering, Electronics and Communication Engineering boards and permitted to move on Academic Council by the BoS members of Computer Science and Engineering for the students admitted during the academic year 2018-2019 onwards.
- Syllabi of 16GE1103- Problem Solving and Python Programming and 16GE1004- Problem Solving and Python Programming Lab subjects in First Semester under Regulation-2016 were introduced to replace 16GE1101-Computer Programming and 16GE1001-Computer Programming Laboratory subjects and passed by the Computer Science and Engineering board and permitted to move on Academic Council by the BoS members of Computer Science and Engineering for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabus of Regulation 2016 for the III & IV semester Mathematics subjects were passed by the Science and Humanities board and permitted to move on to Academic Council by the BoS members of Computer Science and Engineering for the students admitted during the academic year 2017-2018 and onwards.
- Syllabi of 16CS2201-Programming in C and C++ and 16CS2001-Programming in C and C++ Laboratory subjects in Second Semester under Regulation-2016 were introduced to replace 16GE1103-Object Oriented Programming with C++ and 16GE1004- Object Oriented Programming with C++ subjects Laboratory and passed by the Information Technology board. It was permitted to move on Academic Council by the BoS members of Computer Science and Engineering for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects of B.E Computer Science and Engineering program for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.
- Based on Anna University Curriculum, the revised curriculum and syllabi for V and VI semesters of Regulation 2016 were introduced for B.E Computer Science and



Engineering program for the students admitted in the academic year 2016-17 and onwards and the same were presented and discussed. It was permitted to move on to Academic Council.

- Chairman conveyed that, the suggestions given by the Board of Studies members are to be incorporated in Regulation 2016.
- Chairman conveyed that, the suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with thanks to the Chairman at 4.00 P.M.



**Chairman**

**Board of Studies**

**Chairman - BoS  
CSE - HiCET**

**Enclose:**

1. Previous BoS Minutes-ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File



# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date: 16.03.2018

## MINUTES OF BOARD OF STUDIES MEETING

Board of Studies in Department: **Electrical and Electronics Engineering**

The Third Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 16.03.2018 at 10.45 am in the Video Conference Hall, Central Library.

The following members were present.

S.No.	Name of the Person	Department	Position
1	Dr. N.P. Ananthamoorthy,	Professor & Head, Department of Electrical and Electronics Engineering, Hindusthan College of Engineering and Technology	Chairman
2	Dr. P Somasundaram,	Associate Professor, Department of Electrical and Electronics Engineering, Anna University, Chennai- 600 025	University Nominee
3	Dr. P.Maruthupandi,	Assistant Professor, Department of Electrical and Electronics Engineering, Government College of Technology, Coimbatore– 641 013.	Subject Expert 1
4	Dr. M.Sundaram	Associate Professor, Department of Robotics and Automation Engineering, PSG College of Technology Coimbatore – 641 004.	Subject Expert 2
5	Er. G.Ravichandran,	General Manager, Lakshmi Electrical Control Systems Limited, Arasur, Coimbatore, Tamil Nadu – 641 407.	Representative from Industry
6	Dr. K.Sekar	Associate Professor, Department of Electrical and Electronics Engineering, Hindusthan College of Engineering and Technology. Coimbatore.	Member
7	Ms. K.Vanmathi	Associate Professor, Department of Electrical and Electronics Engineering, Hindusthan College of Engineering and Technology. Coimbatore.	Member



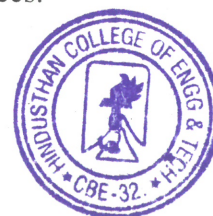
8	Mr. V.Lakshmi Narasimhan	Associate Professor, Department of Electrical and Electronics Engineering, Hindusthan College of Engineering and Technology. Coimbatore.	Member
9	Mr. M.P.Viswanathan	Assistant Professor, Department of Electrical and Electronics Engineering, Hindusthan College of Engineering and Technology, Coimbatore.	Member
10	Mr. S. Manikandan,	Sigma Electrical Services, 2 <sup>nd</sup> Street, Ganapathy pudur, Coimbatore, Tamil Nadu – 641 006.	Alumni Member

- The Chairman-BoS welcomed the University nominee, Subject experts, special invitees and all the internal members for the third Board of Studies meeting.
- The chairperson gave a brief overview of the key features of Regulation 2016 to all members of the Board of Supervisors.
- Chairman presented the suggestions given by the experts and the action taken report of the previous BoS meeting held on 16.05.2017. Members of the BOS approved the same.
- The feedback received on curriculum by the stakeholders was presented by the Chairman-BoS
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre- Board of Studies (Pre- BoS)/ Department Advisory Committee (DAC) and emphasized the importance of Skill Development courses in the curriculum to be in line with the industry needs.
- Followed by, Chairman presented the suggestions given by the experts and the action taken report during the Previous BoS meeting.

#### **Recommendations by BoS members:**

Chairman presented the syllabus for the following

- 1) Introduction to Digital Controllers (Qualitative Treatment only) may be added in V unit of “16EE5204-Control Systems”.
- 2) The experts suggested to add PWM generation using timer and counter in “16EE5001- Microprocessors and Microcontrollers Laboratory”
- 3) In “16EE5002-Control and Instrumentation Laboratory” Experiment using optical transducer (LDR) may be introduced.
- 4) The following changes to be carried out in “16EE6201-Power System Analysis”
  - a) In unit -I need for power system analysis in planning may be included.
  - b) In unit- IV unsymmetrical faults may be eliminated.
  - c) Include Classification of power system stability.
- 5) The experts suggested to include following topics in “16EE6202-Power Electronics”
  - a) In unit-I construction and working of power semiconductor devices.
  - b) In unit III Buck Boost converter and four quadrant choppers.
  - c) In unit-V applications in drives and UPS Types.



- 6) In 16EE6202-Power Electronics, for including Higher Order Thinking a case study on “Design and Application of driver circuits for power electronic devices (MOSFET / IGBT)” may be included in unit-V.
- 7) The following changes to be carried out in “16EE6203-Protection and Switchgear”
  - a) In unit -II include contactors like AC1, AC3 types.
  - b) In unit-V include SF<sub>6</sub> MCB, MCCB and characteristics curves of MCB & MCCB.
- 8) In “16EE6003-Circuits Design Laboratory”, the experts recommended to include the Design and cost estimation of UPS system/ solar PV system experiment and for Exp.No.3 may be replaced by design and implementation for reversal operation of DC and AC motor.
- 9) Following Skill development courses are introduced for members’ approval.
  - 16EE5001 - Microprocessors and Microcontrollers Laboratory
  - 16EE5002 - Control and Instrumentation Laboratory
  - 16EE5201 - Design of Electrical Machines
- 10) Following Employability courses are introduced for member’s approval.
  - 16EE5301 - Power System Transients
  - 16EE5302 - Fibre Optics and Laser Instruments
- 11) The following value added and certificate courses with the duration of minimum 30 hrs each are introduced as suggested.
  - Hands on Training on Proteus
  - Advanced Power Electronics
  - Domestic AC Motor Dismantling and Assembling
  - Smart Phone Servicing
  - Simulation of eSIM for electric circuits

**The following resolutions were made in the Board of Studies meeting,**

- In almost all the courses, changes have been done as per the Local, Regional, National and Global needs.
- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were passed by the Science and Humanities, Computer Science and Engineering, Mechanical Engineering, Electrical and Electronics Engineering boards and permitted to move on Academic Council by the BoS members of Electrical and Electronics Engineering for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabus of Regulation 2016 for the III & IV semester Mathematics subjects were passed by the Science and Humanities board and permitted to move on to Academic Council by the BoS members of Electrical and Electronics Engineering for the students admitted during the academic year 2017-2018 and onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects of B.E Electrical and Electronics Engineering program for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.

Based on Anna University Curriculum, the revised curriculum and syllabi for V and VI semesters of Regulation 2016 were introduced for B.E Electrical and Electronics Engineering program for the students admitted in the academic year 2016-17 and



onwards and the same were presented and discussed. It was permitted to move on to Academic Council.

- Chairman conveyed that the Suggestions given by the Board of Studies members are to be incorporated in 2016.
- Chairman conveyed that the Suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with thanks to the Chairman at 01.00 P.M.

  
Chairman  
Board of Studies

**Enclose:**

1. Previous BoS Minutes-ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File





## ***Hindusthan College of Engineering and Technology***

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date : 12.03.2018

### **MINUTES OF BOARD OF STUDIES MEETING**

Name of the Department: **Electronics and Communication Engineering**

The Third Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 12.03.18 at 10.30 am in the Board room.

The following members were present.

S.No	Name of the Person	Department	Position
1.	Dr.P.Rajeswari	Professor & Head, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology.	Chairman
2.	Dr.Y.V.Ramana Rao	Professor, Department of Electronics and Communication Engineering, Anna University, Chennai 600 025.	University Nominee
3.	Dr.P.T.Vanathi	Professor, Department of Electronics and Communication Engineering, PSG College of Technology, Coimbatore-641004.	Subject Expert 1
4.	Dr.V.Sumathy	Associate Professor, Department of ECE, Government College of Technology, Coimbatore-641013	Subject Expert 2
5.	Mr.J.Charles Arokiaraj	Project Manager, Robert Bosch Engineering and Business Solution Pvt Ltd,ChilSEZ,Coimbatore.641035	Representative from Industry
6.	Dr.P.Vijayalakshmi	Professor, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology	Member
7.	Dr.R.Sabitha	Professor, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology	Member
8.	Dr.A.Kishore kumar	Professor, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology,	Member
9.	Mr.P.F.Khalelur Rahiman	Associate Professor, Department of Electronics and Communication	Member



		Engineering, Hindusthan College of Engineering and Technology,	
10.	Dr.L.Murali	Associate Professor, Department of ECE, P.A. College of Engineering and Technology, Coimbatore	Alumni

The following members could not attend the meeting due to other engagements:

1. Mr.J.Charles Arokiaraj  
Project Manager,  
Robert Bosch Engineering and Business Solution Pvt Ltd,  
ChilSEZ,  
Coimbatore.641035
  2. Dr.L.Murali,  
Associate Professor,  
Department of ECE,  
P.A.College of Engineering and Technology,  
Coimbatore.
- The Chairman - BoS welcomed the University nominee, Subject experts, special invitees and all the internal members for the third Board of Studies meeting.
  - The chairperson gave a brief overview of the key features of Regulation 2016 to all members of the Board of Studies.
  - Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre- Board of Studies (Pre- BoS)/ Department Advisory Committee (DAC) and emphasized the importance of Skill Development courses in the curriculum to be in line with the industry needs.
  - The feedback received on curriculum by the stakeholders was presented by the chairman.
  - Followed by, Chairman presented the suggestions given by the BoS experts and the action taken report of the Previous BoS meeting, held on 18.05.2017, for the approval of BOS members.

**Recommendations by BoS members:**

- 1) University Nominee (Dr. Y.V.Ramana Rao) suggested that to include Higher order thinking (water level indicator / Zigbee interfacing / Soil moisture content measurement/ultrasonic distance measurement) included in Vth unit of the subject 16EC5204-Microprocessor and Microcontrollers: Concepts and Applications.
- 2) Subject expert (Dr. P.T.Vanathi) suggested to make the following corrections in the syllabus of the subject 16EC6201-'VLSI Design'  
Unit I- VLSI Design Methodology and Electrical Properties of MOS Transistor  
Unit II- Inverters and Layout Design Rules:  
Unit III- CMOS Testing  
Unit IV-Subsystem Design  
Unit V- VERILOG Programming
- 3) Subject expert (Dr. V. Sumathy) suggested to include Higher order thinking (process an image in matlab using various enhancement / restoration / segmentation / compression techniques) in Vth unit of the subject '16EC6203-Digital Image Processing'



- 4) University Nominee (Dr. Y.V.Ramana Rao) suggested that instructional hours can be varied according to the weightage of the unit.
- 5) Subject expert (Dr. V. Sumathy) suggested to include a few topics in the subject 16EC5201-Analog Communication.
- 6) Subject expert (Dr. P.T.Vanathi) suggested to rename 16ECXXXX-Principles of Microprocessors and Microcontrollers as 16EC5204-Microprocessor and Microcontrollers:Concepts and Applications.
- 7) University Nominee (Dr. Y.V.Ramana Rao) suggested to combine 16EC5203-Data Communication and Networks and 16EC5003-Data Communication and Networks Lab as a single course.
- 8) Chairman highlighted the inclusion of employability enhancement courses in the curriculum.

The following employability courses are introduced for members' approval.

1. 16EC5201 - Analog communication
2. 16EC5202 - Digital Signal Processing
3. 16EC5203 - Data Communication and Networks

The following skill development courses are introduced for members' approval.

1. 16EC5001 - Digital Signal Processing Laboratory
2. 16EC5002 - Microprocessors and Microcontrollers Laboratory

The following value added and certificate courses with the duration of minimum 30 hrs each are introduced as suggested.

1. JAVA Programming (Technoturff Info Services pvt. Ltd.)
2. Introduction to Embedded and IoT
3. Basics of IoT
4. Networking Concepts and Protocols
5. Introduction to Python Programming

**The following resolutions were made in the Board of Studies meeting,**

- In almost all the courses, changes have been made as per the Local, Regional, National and Global needs.
- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were passed by the Science and Humanities, Computer Science & Engineering and Mechanical Engineering boards and permitted to move on Academic Council by the BoS members of Electronics and Communication Engineering for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabus of Regulation 2016 for the III & IV semester Mathematics subjects were passed by the Science and Humanities board and permitted to move on to Academic Council by the BoS members of Electronics and Communication Engineering for the students admitted during the academic year 2017-2018 and onwards.



- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects of B.E Electronics and Communication Engineering program for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.
- Based on Anna University Curriculum, the revised curriculum and syllabi for V and VI semesters of Regulation 2016 were introduced for B.E Electronics and Communication Engineering program for the students admitted in the academic year 2016-17 and onwards and the same were presented and discussed. It was permitted to move on to Academic Council.
- Chairman conveyed that the suggestions given by the Board of Studies members are to be incorporated in 2016.
- Chairman conveyed that the suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with vote of thanks to the members by Chairman at 1.30 P.M.

*Alai*  
Chairman

Board of Studies

Chairman - BoS  
ECE - HiCET

**Enclose:**

1. Previous BoS Minutes-ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File



# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date: 12.03.2018

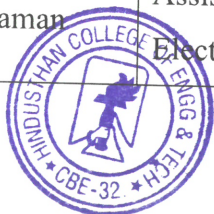
## MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: **Electronics and Instrumentation Engineering**

The Third Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 12.03.2018 at 12 p.m. in the Video Conference Hall, Central Library.

The following members were present.

S.No.	Name of the Person	Department	Position
1	Dr.B.Anand	Professor / Head, Department of Electronics and Instrumentation Engineering, Hindusthan College of Engineering and Technology.	Chairman
2	Dr.D.Manamalli	Professor, Dept of EIE, MIT, Anna University, Chennai.	University Nominee
3	Dr.V.Gopalakrishnan	Associate Professor, Dept of EIE, Government College of technology, Coimbatore.	Subject Expert 1
4	Prof.C.Marimuthu	Assistant Professor, Dept of EIE, Government College of technology, Coimbatore.	Subject Expert 2
5	Mr.A.Ezhilmaran	Project Manager (Control & Automation), Axis Global Automation, Lakshmipuram, Coimbatore	Representative from Industry
6	Mr.R.Madhusudhanan	Assistant Professor, Department of Electronics and Instrumentation Engineering, Hindusthan College of Engineering and Technology.	Member
7	Mr.R.Vinothkumar	Assistant Professor, Department of Electronics and Instrumentation Engineering, Hindusthan College of Engineering and Technology.	Member
8	Mr.D.Deivasigamani	Assistant Professor, Department of Electronics and Instrumentation Engineering, Hindusthan College of Engineering and Technology.	Member
9	Mr.E.Gowthaman	Assistant Professor, Department of Electronics and Instrumentation	Member



		Engineering, Hindusthan College of Engineering and Technology.	
10	Mr. K. Vijayaraju	Engineer Trainee, Eppendorf India Limited, Chennai.	Alumni Member

The following member could not attend the meeting due to other engagements:

1. Dr.V.Gopalakrishnan

Liaison Officer,

Directorate of Technical Education (DoTE),

53, Sardar Patel Road, Guindy, Chennai – 600 025.

- The Chairman-BoS welcomed the University nominee, Subject experts, special invitees and all the internal members for the third Board of Studies meeting.
- Chairman informed to members that, Mr.R.Madhusudhanan, Asst. Prof/EIE has been included as a member instead of Mr. R.Veeraganesan, Asst.Prof/EIE.
- The chairperson gave a brief overview of the key features of Regulation 2016 to all members of the Board of Supervisors.
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre- Board of Studies (Pre- BoS)/ Department Advisory Committee (DAC) and emphasized the importance of Skill Development courses in the curriculum to be in line with the industry needs.
- The feedback received on curriculum by the stakeholders was presented.
- Followed by, Chairman presented the suggestions given by the experts and the action taken report during the Previous BoS meeting that was held during **16.05.2017** was approved.

**Recommendations by BoS members (Subject Related)**

1. In “16EI5201- Industrial Instrumentation– II”, 20% syllabus change has been made based on the feedback of stakeholders.
2. In “16EI5202- Analytical Instrumentation”, 25% syllabus revision has been undertaken.
3. In “16EI5203- Microprocessors and Microcontrollers”, 25% syllabus revision has been done.
4. In “16EI5204- Control Systems”, 20% syllabus revision made with relevant topics.
5. In “16EI5002- Industrial Instrumentation Laboratory”, 25% syllabus change has been made based on the feedback of stakeholders.



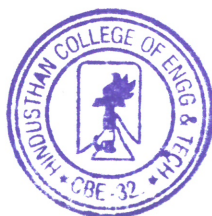
6. In “16EI5301- Thermal Power Plant Instrumentation”, 30% syllabus revision made with relevant topics.
7. In “16EI5302- Digital System Design”, 20% syllabus revision has been undertaken
8. In “16EI5303- Digital Image Processing”, 20% syllabus revision made with relevant topics.
9. In “16EI5304- Communication Engineering”, 20% syllabus revision made with relevant topics.
10. In “16EI6201- Process Control”, 25% syllabus change has been made based on the feedback of Experts.
11. In “16EI6202- Applied VLSI Design”, 20% syllabus revision has been done.
12. In “16EI6204- Embedded Systems” 25% syllabus revision made with relevant topics.
13. In “16EI6001- Process Control Laboratory” 35% syllabus change has been made based on the feedback of stakeholders.
14. In “16EI6002- Virtual Instrumentation Laboratory” 20% syllabus revision made with relevant topics.
15. In “16EI6301- Industrial Electronics” 25% syllabus revision made with relevant topics.
16. In “16EI6302- Biomedical Instrumentation” 25% syllabus revision has been done with relevant topics.
17. In “16EI6304- Instrumentation in Petrochemical Industries” 25% syllabus revision made with relevant topics.
18. In “16EI6401- Neural Networks and Fuzzy Systems” 25% syllabus revision has been carried out.
19. In Semester V& VI - Following Employability Enhancement Courses introduced for member’s approval.
  - i. 16IT5231- Object Oriented Programming using JAVA
  - ii. 16IT5031- Object Oriented Programming Laboratory
  - iii. 16EI6204- Embedded Systems
  - iv. 16EI6701 - Technical Seminar
20. Following Skill Development Courses introduced for member’s approval.
  - i. 16EI6201 - Process Control
  - ii. 16EI6202 - Applied VLSI Design
21. In Semester V& VI - Following Professional Elective Courses introduced for member’s approval.
  - i. 16EI5301- Thermal Power plant instrumentation
  - ii. 16EI5302- Digital System Design
  - iii. 16EI5303- Digital Image processing



- iv. 16EI5304- Communication Engineering
  - v. 16EI6301- Industrial Electronics
  - vi. 16EI6302- Biomedical Instrumentation
  - vii. 16EI6303- Advanced Control theory
  - viii. 16EI6304- Instrumentation in Petrochemical industries
22. In Semester VI - Following Open Elective Course is introduced for member's approval.
- 16EI6401 - Neural Networks and Fuzzy Systems
23. Chairman presented and requested the board members to accept the syllabi of 16MA3103 - Fourier analysis and Statistics, 16MA4107 - Numerical Methods Regulation 2016 for III & IV semester which were passed by Science and Humanities Board.
24. The following value added and certificate courses with the duration of minimum 30 hrs each are introduced as suggested.
- Design Thinking
  - Foundations of Artificial Intelligence
  - Instrumentation For Industry 4.0
  - Graphical Programming Using Instrumentation
  - Building Automation Sensors

**The following resolutions were made in the Board of Studies meeting,**

- In almost all the courses, changes have been made as per the Local, Regional, National and Global needs.
- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were passed by the Science and Humanities, Computer Science and Engineering, Mechanical Engineering, Electrical and Electronics Engineering boards and permitted to move on Academic Council by the BoS members of Electronics and Instrumentation Engineering for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabus of Regulation 2016 for the III & IV semester Mathematics subjects were passed by the Science and Humanities board and permitted to move on to Academic Council by the BoS members of Electronics and Instrumentation Engineering for the students admitted during the academic year 2017-2018 and onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects of B.E Electronics and Instrumentation Engineering program for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.



- Based on Anna University Curriculum, the curriculum and syllabi for V and VI semesters of Regulation 2016 were introduced for B.E Electronics and Instrumentation Engineering program for the students admitted in the academic year 2016-17 and onwards and the same were presented and discussed. It was permitted to move on to Academic Council.
- Chairman conveyed that, the suggestions given by the Board of Studies members are to be incorporated in 2016.
- Chairman conveyed that, the suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with thanks to the Chairman at 1.30 P.M.



**Chairman**

**Board of Studies**

**Chairman - BoS  
EIE - HICET**

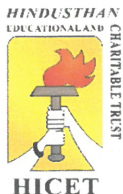
**Enclose:**

1. Previous BoS Minutes-ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File





# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandabam Post, Coimbatore – 641 032

Date: 09-03-2018

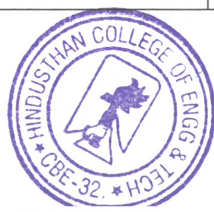
**Academic Year: 2018-2019**

## Third Board of Studies Meeting Minutes

The Third Board of Studies meeting of Regulation 2016 for the Academic year 2018-2019 was conducted on 09-03-2018 at 10.00 a.m. in the Video Conference Hall, Central Library.

The following members were present.

S.N o	Name of the Person	Department	Position
1	Dr. K. Siva	Professor and Head, Mechanical Engineering Department, Hindusthan College of Engineering and Technology	Chairman
2	Dr. Latha Nagendran	Professor, Department of Mechanical Engineering, Anna University, Chennai.	University Nominee
3	Dr. N. Murugan	Professor, Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore.	Subject Expert 1
4	Dr. K. Manonmani	Associate Professor Department of Mechanical Engineering, Government College of Technology, Coimbatore.	Subject Expert 2
5	Mr. Suresh Kumar	Chief Executive Officer, Barani Hydraulics India Pvt Ltd, Coimbatore.	Representative from Industry
6	Dr. M. Mohanraj	Professor, Mechanical Engineering Department, Hindusthan College of Engineering and Technology	Member
7	Dr. J. Manikandan	Associate Professor, Mechanical Engineering Department, Hindusthan College of Engineering and Technology.	Member
8	Dr. P. Jeyalakshmi	Associate Professor, Mechanical Engineering Department, Hindusthan College of Engineering and Technology.	Member
9	Dr. S. Kannan	Assistant Professor, Mechanical Engineering Department, Hindusthan College of Engineering and Technology.	Member
10	Er.A. Surya Narayanan.	Flash Engineering.	Alumni



The chairman of the BOS, welcomed all the dignitaries for the meeting. He introduced the BoS members. Also, he has given an outline of the institution and department along with the salient features of the Curriculum and Syllabi.

The feedback received on curriculum by the stakeholders was presented by the Chairman-BoS. Chairman also gave an outline of the changes to be made in the curriculum given by the Pre-Board of Studies (Pre- BoS)/ Department Advisory Committee (DAC) and emphasized the importance of Skill Development courses in the curriculum to be in line with the industry needs.

Followed by, Chairman presented the suggestions given by the experts and the action taken report during the Previous BoS meeting which was held during **05.06.2017**. Members of the BOS approved the same.

### **Recommendations by BoS members (Subject Related)**

- In “16ME5202 Heat and Mass Transfer”, 10% syllabus revision made with relevant topics.
- In “16ME5203 Dynamics of Machines”, 18% syllabus change has been made based on the feedback of stakeholders.
- In “16ME5204 Design of Machine Elements”, 20% syllabus revision has been undertaken.
- In “16ME6201 Finite Element Analysis”, 25% syllabus revision made with relevant topics.
- In “16ME6202 Metrology and Quality Control”, 15% syllabus revision made with relevant topics.
- In “16ME6204 Design of Transmission Systems”, 10% syllabus change has been made based on the feedback of stakeholders.
- Subject Expert (Dr. N. Murugan) suggested that, “16ME5201- CAD/CAM” theory subject syllabus can be simplified.
- University nominee (Dr. Latha Nagendran) suggested that, “16ME6201- FEA” theory subject Third unit title shall be named as “vector variable problems” and Software commercial name should not be mentioned in the Simulation and Analysis Lab syllabus.
- Subject Expert (Dr.N. Murugan) suggested that, in “16ME5204 - Design of Machine Elements” theory subject, “optimization of helical spring” topic can be changed as “Design of Helical Spring”



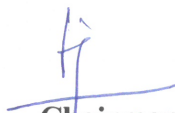
- Subject Expert (Dr. K. Manonmani) suggested that, in “16ME6204 - Design of Transmission Systems” theory subject, the unit titles shall be modified as “Design of spur gears” and “Design of Bevel gears”.
- Industry Representative (Mr. Suresh Kumar) suggested that, “Control chart for variables” topic shall be included in “16ME6202 - Metrology and Quality control” theory subject.
- Subject Expert (Dr.N. Murugan) suggested that, Latest edition text book shall be included for “16ME5205 - Automobile Engineering” theory subject
  - a. First semester Computer programming (theory & lab) is replaced by “16GE1103-Problem Solving and Python Programming (theory) and 16GE1004 - Problem Solving and Python Programming Laboratory” by the Board of Computer Science and Engineering.
- Semester V & VI - Employability courses introduced for member’s approval.
  - ✓ 16ME5302 Metal Forming Processes
  - ✓ 16ME5303 Unconventional Machining Processes.
  - ✓ 16ME6301 Refrigeration and Air Conditioning
  - ✓ 16ME6201 - Finite Element Analysis
  - ✓ 16ME6003 - Design and Fabrication Project
- Semester V & VI - Skill Development courses introduced for member’s approval.
  - ✓ 16ME5201 - CAD/CAM
  - ✓ 16ME5205 - Automobile Engineering
  - ✓ 16ME6202 - Metrology and Quality Control
  - ✓ 16ME6001 - Simulation and Analysis Lab
- The following value added and certificate courses with the duration of minimum 30 hrs each are introduced as suggested.
  - ❖ UNIGRAPHICS
  - ❖ Heating, Ventilation and Air conditioning
- Regulations of Credit system for Online Courses are elaborated to BoS members.
- Information regarding up-gradation in Regulations -2016, which are made as per the guidelines of standing committee, is conveyed to BoS members.
- Chairman presented and requested the board members to accept the syllabi of Regulation 2016 for I semester 16GE1103-Problem Solving and Python Programming (theory) and 16GE1004 - Problem Solving and Python Programming Laboratory subjects which was passed by Computer Science and Engineering board.

**The following resolutions are made in the Board of Studies meeting,**



- In almost all the courses, changes have been done as per the Local, Regional, National and Global needs.
- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were passed by the Science and Humanities, Computer Science and Engineering, Electrical and Electronics Engineering boards and permitted to move on Academic Council by the BoS members of Mechanical Engineering for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabus of Regulation 2016 for the III & IV semester Mathematics subjects was passed by the Science and Humanities board and permitted to move on to Academic Council by the BoS members of Mechanical Engineering for the students admitted during the academic year 2017-2018 and onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects of B.E Mechanical Engineering program for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.
- Based on Anna University Curriculum, the revised curriculum and syllabi for V and VI semesters of Regulation 2016 were introduced for B.E Mechanical Engineering program for the students admitted in the academic year 2016-17 and onwards and the same were presented and discussed. It was permitted to move on to Academic Council.
- Chairman conveyed that the suggestions given by the Board of Studies members are to be incorporated in Regulation 2016.
- Chairman conveyed that the suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with thanks to the Chairman at 12.30 P.M.

  
**Chairman**  
**Board of Studies**  
**Chairman - BoS**  
**MECH - HiCET**

**Enclose:**

1. Previous BoS Minutes-ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File



# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date: 10.03.2018

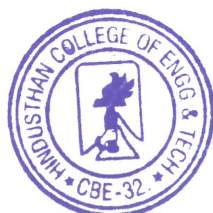
## MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: **Mechatronics Engineering**

The Third Board of Studies meeting of Regulation 2016 for the academic year 2017-18 was conducted on 10.03.2018 at 11.30 a.m. in the Video Conference Hall, Central Library.

The following members were present:

S.No.	Name of the Person	Department	Position
1	Dr.S.J. Narmadha	Professor / Head, Department of Mechatronics Engineering, Hindusthan College of Engineering and Technology, Coimbatore.	Chairman
2	Dr. M. Saravana Mohan	Professor, Department of Mechatronics Engineering, Kumaraguru College of Technology, Coimbatore	University Nominee
3	Dr. John Alexis	Professor, Department of Automobile Engineering, Kumaraguru College of Technology, Coimbatore	Subject Expert 1
4	Dr.L. Ashokkumar	Professor, Department of Electrical and Electronics Engineering, PSG Technology, Coimbatore	Subject Expert 2
5	Mr. Krishna Kumar Shanmugam	Director, Maxbyte Technologies Pvt Ltd. Coimbatore	Representative from Industry
6	Dr.T. Venugopal	Assistant Professor, Department of Mechatronics Engineering, Hindusthan College of Engineering and Technology, Coimbatore.	Member
7	Mr. Pradeep Johnson	Assistant Professor, Department of Mechatronics Engineering, Hindusthan College of Engineering and Technology, Coimbatore	Member
8	Mr.P. Sivaprakash	Assistant Professor, Department of Mechatronics Engineering, Hindusthan College of Engineering and Technology, Coimbatore	Member



9	Mr.G. Thilak	Assistant Professor, Department of Mechatronics Engineering, Hindusthan College of Engineering and Technology, Coimbatore	Member
10	K. Anand Ronald	Research Scholar, IIT, Kharagpur	Alumni Member

- The Chairman welcomed University nominee, Subject experts, special invitees and all the internal members for the Board of Studies meeting.
- The chairperson briefly explained the Salient features of Regulation 2016 to all the BoS members
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre- Board of Studies (Pre- BoS)/ Department Advisory Committee (DAC).
- The feedback received on curriculum by the stakeholders was presented.
- Followed by, Chairman presented the suggestions given by the BoS experts and the action taken report during the Previous BoS meeting, which was held during 17.05.2017, was approved.

#### **Recommendations by BoS members (Subject Related)**

- In “16MT5202 - Industrial Electronics and Control”, 25% syllabus revision made with relevant topics.
- In “16MT5204 - Embedded Systems Design”, 20% syllabus change has been made based on the feedback of stakeholders.
- In “16MT5301- Non Traditional Machining Techniques”, 25% syllabus revision has been undertaken.
- In “16MT5001- CAD/CAM/CAE Laboratory”, 25% syllabus change has been made based on the feedback of stakeholders.
- In “16MT6202 - Virtual Instrumentation and Human Machine Interface”, 40% syllabus change has been made based on the feedback of stakeholders.
- In “16MT6304 - Product Design and Development”, 25% syllabus change has been made based on the feedback of stakeholders.
- In “16MT6306- Medical Mechatronics”, 20% syllabus revision has been done.
- Semester VI - Skill Development courses for members approval,
  - 16MT6202-virtual instrumentation and human machine interface
- Semester V & VI –Employability courses for members approval
  - 16MT5001-CAD/CAM/CAE laboratory
  - 16MT6001-Industrial Automation and Control Laboratory
  - 16MT6304-Product Design and Development

The following value added and certificate course with the duration of minimum 30 hrs is introduced as suggested.

- Solid Works



**The following resolutions were made in the Board of Studies meeting:**

- In almost all the courses, changes have been made as per the Local, Regional, National and Global needs.
- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were passed by the Science and Humanities, Computer Science and Engineering, Mechanical Engineering boards and permitted to move on Academic Council by the BoS members of Mechatronics Engineering for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabus of Regulation 2016 for the III & IV semester Mathematics subjects were passed by the Science and Humanities board and permitted to move on to Academic Council by the BoS members of Mechatronics Engineering for the students admitted during the academic year 2017-2018 and onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects of B.E Mechatronics Engineering program for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.
- Based on Anna University Curriculum, the revised curriculum and syllabi for V and VI semesters of R2016 were introduced for B.E Mechatronics Engineering program for the students admitted in the academic year 2016-17 and onwards and the same were presented and discussed. It was permitted to move on to Academic Council.
- The introduced syllabus for Skill Development and Employability courses are permitted to move on Academic Council.
- Chairman conveyed that the suggestions given by the Board of Studies members are to be incorporated in R2016.
- Chairman conveyed that the suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with a vote of thanks at 12.30 pm.

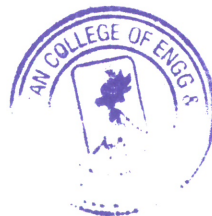
*S. Ramadh*  
**Chairman**  
**Board of Studies**  
**Chairman - BoS**  
**MCT - HiCET**

**Enclose:**

1. Previous BoS Minutes-ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File



# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date: 23.03.2018

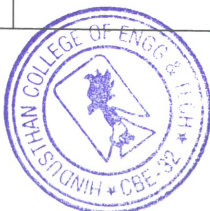
## MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: **Information Technology**

The Third Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 23.03.2018 at 10.30 A.M. in the Video Conference Hall, Central Library.

The following members were present.

S.No	Name of the Person	Department	Position
1	Dr. S. Saravanasundaram	Professor / Head, Department of Information Technology, Hindusthan College of Engineering and Technology	Chairman
2	Dr.D.Rasi	Assistant Professor, Department of Information Technology, Hindusthan College of Engineering and Technology	Member
3	Dr.B.Gomathi	Assistant Professor, Department of Information Technology, Hindusthan College of Engineering and Technology	Member
4	Mr.M.Ganesan	Assistant Professor, Department of Information Technology, Hindusthan College of Engineering and Technology	Member
5	Mrs.N.Yamuna	Assistant Professor, Department of Information Technology, Hindusthan College of Engineering and Technology	Member
6	Dr.T.Purusothaman	Associate Professor, Department of Computer Science and Engineering, Government College of Technology, Coimbatore	Subject Expert 1
7	Dr.G.SudhaSadasivam	Professor, Department of Computer Science and Engineering, PSG College of Technology, Coimbatore	Subject Expert 2
8	Mr. Balasundarasamy	Chief executive officer, Ardhika Software Technologies Pvt. Ltd., Guindy, Chennai	Representative from Industry
9	Mrs.V.Saranya	Assistant Professor, Department of Information Technology, Sri Krishna College of Engineering and Technology	Alumni



10	Dr.Ranjani Parthasarathi	Professor, Department of Information Science and Technology, Anna University, Chennai	University Nominee
----	--------------------------	---	--------------------

The following member could not attend the meeting due to other engagements.

1. Mr. Balasundarasamy  
Chief executive officer  
ArdhikaSoftware Technologies Pvt. Ltd.  
Guindy, Chennai
  2. Mrs.V.Saranya  
Assistant Professor  
Department of Information Technology  
Sri Krishna College of Engineering and Technology, Coimbatore
  3. Dr.G.SudhaSadasivam  
Professor  
Department of Computer Science and Engineering  
PSG College of Technology, Coimbatore
  4. Dr.T.Purusothaman  
Department of Computer Science and Engineering  
Government College of Technology  
Coimbatore
- The Chairman-BoS welcomed the University nominee, Subject experts, special invitees and all the internal members for the third Board of Studies meeting.
  - Chairman informed the members that, Mrs. N. Yamuna, Asst.Prof/IT has been included as a member instead of Dr. R. Rajesh Sharma, Asst.Prof/IT.
  - Followed by, Chairman presented the suggestions given by the experts and the action taken report during the Previous BoS meeting which was held during **16.05.2017**. Members of the BOS approved the same.
  - The feedback received on the curriculum by the stakeholders was presented by the Chairman-BoS.
  - Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre- Board of Studies (Pre-BoS)/



Department Advisory Committee (DAC) and emphasized the importance of Skill Development, Employability Enhancement and Entrepreneurship Courses in the curriculum to be in line with the industry needs.

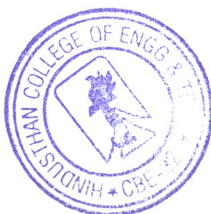
**Recommendations by BoS members:**

**5<sup>th</sup> Semester:**

- In 16IT5201- Computer Networks, It was suggested to change Text Book 2 as Reference Book 1 and vice versa.
- In 16IT5202-Web Technology, University Nominee suggested to redo the whole syllabus and to include latest Web Technology concepts
- In 16IT5203- Information Security, Members suggested to concentrate on OS security, DBMS security, Secure Coding standards, OWASP concepts
- In 16IT5204- Theory of Computation, Suggestions have been given to change the topic as Problems on Turing Machine and to include “Chomsky Hierarchy” topic in 3rd Unit instead of “Grammar and Type of Grammar” topic in Unit 3
- In 16IT5001-Network Laboratory, Suggestions have been given to include experiment which establish Local network and assign IP address and basic configuration commands in Lab experiment
- In 16IT5002-Web Technology Laboratory, Suggestion has been given to include SQL Injection as one experiment
- In 16IT5701-Technical seminar, Suggestion has been given to include State of Art Technology and Technical Blogs terms in Syllabus

**6<sup>th</sup> Semester:**

- In 16IT6201- Mobile Computing, Suggestions were given to
  1. replace MANET concepts with Application of Mobile Computing
  - 2.change the content of Unit 5 with latest Mobile OS,
  - 3.include the Text Book related to Mobile Application Development



4.change CO 4 and 5 as per syllabus content and include integrated lab hour in the syllabus

- 16IT6202-Microprocessors and Embedded Systems, Suggestions were given to change the subject name as Microcontrollers and Embedded Systems and refer “The 8051 Microcontroller and Embedded Systems: Using Assembly and C “ by Mazidi to frame the syllabus.
- In 16IT6203- Software Testing and Quality Assurance, it was suggested that Software Testing shall be covered in first 2 units and Software Quality Assurance shall be covered in last three units.
- In 16IT6001-Embedded Systems Laboratory, suggestion has been given to include two experiments based on 8051 processor and ARM Processor
- In 16IT6002-Open Source Software Laboratory, suggestions have been given to include the experiments related to Python, PHP, MySQL, Ruby and Tomcat server and also suggested to include Linux OS installation as one experiment
- In 16IT6302- Neural Networks and Fuzzy Logic, suggestion was given to replace this subject with Artificial Intelligence since most of the topics in this subject already covered in Soft Computing Subject.
- The following Employability Enhancement Courses are presented for members approval in Semester V and VI:
  1. 16IT6801 - Mini Project
  2. 16IT6002-Open Source Software Laboratory
  3. 16IT6204-Professional Ethics
- The following Skill Development Courses are presented for members approval in Semester V and VI:
  1. 16IT5202-Web Technology
  2. 16IT5701 - Technical Seminar

**Other Subjects:**

- The Syllabus for Open Elective subject titled 16IT6401-Cyber Security and Forensics for the academic year 2018-19 for the students admitted in 2016- 17 onwards was presented.



**The following resolutions were made in the Board of Studies meeting,**

- In almost all the courses, changes have been done as per the Local, Regional, National and Global needs.
- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were passed by the Science and Humanities, Computer Science and Engineering, Mechanical Engineering, Electronics and Communication Engineering boards and permitted to move on to Academic Council by the BoS members of Information Technology for the students admitted during the academic year 2018-2019 and onwards.
- Syllabi of 16GE1103- Problem Solving and Python Programming and 16GE1004- Problem Solving and Python Programming Laboratory subjects in First Semester under Regulation-2016 were introduced and passed by the Computer Science and Engineering board and permitted to move on Academic Council by the BoS members of Information Technology for the students admitted during the academic year 2018-2019 onwards.
- Syllabi of 16IT2202-Programming in C and C++ and 16IT2002-Programming in C and C++ Laboratory subjects in Second Semester under Regulation-2016 were introduced and passed by the Information Technology board. It was permitted to move on the Academic Council by the BoS members of Information Technology for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester Mathematics subjects were passed by the Science and Humanities board and permitted to move on to Academic Council by the BoS members of Information Technology for the students admitted during the academic year 2017-2018 and onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects of B.Tech Information Technology program for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.
- Based on Anna University Curriculum, the Revised Curriculum and Syllabi for V and VI semesters of Regulation 2016 were introduced for the B.Tech Information Technology program for the students admitted in the academic year 2016-17 and onwards and the same were presented and discussed. It was permitted to move on to the Academic Council.



- Chairman conveyed that the Suggestions given by the Board of Studies members are to be incorporated in Regulation 2016.
- Chairman conveyed that the suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with vote of thanks to the members by Chairman at 1.30 P.M.



Chairman

Board of Studies

**Enclose:**

1. CDC Minutes
2. DAC meeting Minutes –ATR
3. Previous BoS Minutes-ATR
4. Copy of Regulation 2016
5. Curriculum and Syllabi

**Chairman - BoS  
IT - HiCET**

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File



# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date: 29.03.2018

## MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: **Agriculture Engineering**

The First Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 29.03.2018 at 2.45 p.m. in the CSE Seminar Hall, Hindusthan College of Engineering and Technology.

The following members were present.

S.No.	Name of the Person	Department	Position
1	Dr.N.Asoka Raja	Professor / Head, Department of Agriculture Engineering, Hindusthan College of Engineering and Technology.	Chairman
2	Dr.M.Krishnaveni	Professor, Centre for Water Resources, CEG Campus, Anna University, Chennai.	University Nominee
3	Mr. C.Mayilsamy	Associate Professor, Dept of Agrl Engg, Karunya Institute of Technology and Sciences, Coimbatore.	Subject Expert
4	Dr.B.Sridhar	Dean, Tamil Nadu Agriculture University, Coimbatore.	Subject Expert
5	Mr.C.V.Madheswaran	Managing Director, KSNM Marketing, Coimbatore	Representative from Industry
6	Mrs.K.Swathi	Assistant Professor, Department of Food Technology, Hindusthan College of Engineering and Technology.	Member

- The Chairman-BoS welcomed the University nominee, Subject experts, special invitees and all the internal members for the first Board of Studies meeting.
- The Chairman gave a brief overview of the key features of Regulation 2016 to all members of the Board.
- Chairman also gave an outline of the curriculum given by the Curriculum Development Cell (CDC) & Pre-Board of Studies (Pre-BoS)/ Department Advisory Committee (DAC).

The feedback received on the curriculum by the stakeholders was presented.



- Chairman also gave an outline of the changes to be made in the curriculum given by the Pre-Board of Studies (Pre-BoS)/ Department Advisory Committee (DAC) and emphasized the importance of curriculum to be in line with the industry needs.

**The following are the recommendations put forth by the BoS members**

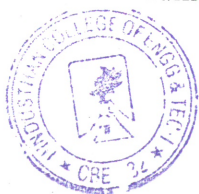
- Chairman presented and requested the board members to accept the syllabi of Regulation 2016 for the I & II semester subjects which were passed by Science and Humanities, Computer Science and Engineering, Electrical and Electronics Engineering and Mechanical Engineering boards.
- Employability courses introduced for members' approval
  - 16AG2201 – Principles and Practices of Crop Production

**General Recommendations:**

1. Stakeholders recommended to include recent editions of text/reference books for Farm machinery and power/ Soil and water conservation/ Food process Engineering /Bioenergy and IoT.
2. For laboratory course syllabus reference has to be given as books or department manuals.
3. The board suggests 'Open Elective' subjects are common to all branches of study Irrespective of departments offered.


**The following resolutions were made in the Board of Studies meeting,**

- In almost all the courses, changes have been done as per the current needs.
- R2016 Curriculum for I – VIII semesters of B.E, Agriculture Engineering program was introduced for the students admitted in the academic year 2018-19 and onwards and the same were presented and discussed.
- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were introduced and passed by the Science and Humanities, Electrical and Electronics Engineering, Computer Science and Engineering, Mechanical Engineering boards and permitted to move on Academic Council by the BoS members of Agriculture Engineering for the students admitted during the academic year 2018-2019 onwards.
- Syllabus of Regulation 2016 for the I semester subjects-16MA1101- Engineering Mathematics-I Matrices and Calculus, 16PH1101- Engineering Physics, 16CY1101- Engineering Chemistry and 16HE1001- Physical Sciences Lab-I were introduced and passed by Science and Humanities board and permitted to move on Academic Council by the BoS members of Agriculture Engineering for the students admitted during the academic year 2018-2019 onwards.
- Syllabus of Regulation 2016 for the II semester subjects- 16MA2102- Engineering Mathematics-II (Vector Calculus, Complex Variables and Laplace Transforms), 16CY2102- Environmental Science, 16HE2001- Value Added Course II Language Competency Enhancement Course-II and 16PS2001- Physical Sciences Laboratory II were introduced and passed by Science and Humanities board and permitted to move on Academic Council by the BoS members of Agriculture Engineering for the students admitted during the academic year 2018-2019 onwards



- Syllabus of Regulation 2016 for the I semester subjects- 16GE1103- Problem Solving and Python Programming & 16GE1004- Problem Solving and Python Programming Laboratory were introduced and passed by the Computer Science and Engineering board and permitted to move on Academic Council by the BoS members of Agriculture Engineering for the students admitted during the academic year 2018-2019 onwards
- Syllabus of Regulation 2016 for the I & II semester subjects- 16GE1102- Engineering Graphics and, 16GE1002- Engineering Practices Laboratory & 16GE2101- Engineering Mechanics were introduced and passed by the Mechanical Engineering board and permitted to move on Academic Council by the BoS members of Agriculture Engineering for the students admitted during the academic year 2018-2019 onwards.
- Syllabus of Regulation 2016 for the II semester subjects- 16EE2201- Basics of Electrical and Electronics Engineering were introduced and passed by the Electrical and Electronics Engineering board and permitted to move on Academic Council by the BoS members of Agriculture Engineering for the students admitted during the academic year 2018-2019 onwards.
- Chairman conveyed that, the suggestions given by the Board of Studies members are to be forwarded to Science and Humanities, Computer Science and Engineering, Mechanical Engineering and Electrical and Electronics Engineering Boards and incorporated in Regulation 2016.

The meeting ended with a vote of thanks at 4.00 P.M.



**Chairman  
Board of Studies**

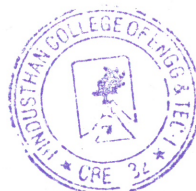
**Chairman - BoS  
AGRI - HICET**

**Enclose:**

1. Copy of Regulation 2016
2. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File





# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade)  
Othakkalmandapam Post, Coimbatore- 641032, Tamil Nadu.

Date: 29.03.2018

## MINUTES OF BOARD OF STUDIES MEETING

Name of the Department: **Biomedical Engineering**

The First Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 29.3.2018 at 2.45 p.m. in the CSE Seminar Hall, Hindusthan college of Engineering and Technology.

The following members were present.

S.No	Name of the Person	Department	Position
1	Dr.N.Asoka Raja,	Professor / Head, Department of Agriculture Engineering, Hindusthan College of Engineering and Technology.	Chairman
2	Dr.M.Krishnaveni,	Professor, Centre for Water Resources, CEG Campus, Anna University, Chennai.	University Nominee
3	Mr. C.Mayilsamy	Associate Professor, Dept of Agricultural Engineering, Karunya Institute of Technology and Sciences, Coimbatore.	Subject Expert
4	Dr.B.Sridhar	Dean, Tamil Nadu Agriculture University, Coimbatore.	Subject Expert
4	Mr.C.V.Madheswaran	Managing Director, KSNM Marketing, Coimbatore	Representative from Industry
5	Ms.Lekshmi	Assistant Professor, Department of Biomedical Engineering, Hindusthan College of Engineering and Technology.	Member

- The Chairman-BoS welcomed the University nominee, Subject experts, special invitees and all the internal members for the third Board of Studies meeting.
- The feedback form received on curriculum by the stakeholders was presented.
- In almost all the courses, changes have been done as per the Local, Regional, National and Global needs.
- In almost all the courses, changes have been done as per the current needs.



- Chairman also gave an outline of the changes to be made in the curriculum given by the Pre-Board of Studies (Pre-BoS)/Department Advisory Committee (DAC).

### **General Recommendations**

1. University Nominee suggested to include a common sentence “The students will be able to” before course outcome for all subjects.

### **Department specific Board of Studies Discussion / Suggestions:**

- Chairman presented and requested the board members to accept the syllabi of Regulation 2016 for the I & II semester subjects which were passed by Science and Humanities, Computer Science and Engineering, Electrical and Electronics Engineering, Mechanical Engineering boards.

### **The following resolutions were made in the Board of Studies meeting,**

- In almost all the courses, changes have been done as per the current needs.
- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were introduced and passed by the Science and Humanities, Electrical and Electronics Engineering, Computer Science and Engineering, Mechanical Engineering boards and permitted to move on Academic Council by the BoS members of Biomedical Engineering for the students admitted during the academic year 2018-2019 onwards.
- Syllabus of Regulation 2016 for the I semester subjects-16MA1101, 16PH1101, 16CY1101 and 16HE1101R were introduced which was passed by Science and Humanities board and permitted to move on Academic Council by the BoS members of Biomedical Engineering for the students admitted during the academic year 2018-2019 onwards.
- Syllabus of Regulation 2016 for the II semester subjects- 16MA2102, 16PH2102, 16CY2102, 16HE2102R and 16PS2001 were introduced which was passed by Science and Humanities board and permitted to move on Academic Council by the BoS members of Biomedical Engineering for the students admitted during the academic year 2018-2019 onwards
- Syllabus of Regulation 2016 for the I semester subjects- 16GE1103- Problem Solving and Python Programming &16GE1004- Problem Solving and Python Programming Laboratory were introduced which was passed by the Computer Science and Engineering board and permitted to move on Academic Council by the BoS members of Biomedical Engineering for the students admitted during the academic year 2018-2019 onwards
- Syllabus of Regulation 2016 for the I & II semester subjects- 16GE1102- Engineering Graphics and, 16GE1002- Engineering Practices Laboratory & 16GE2101- Engineering Mechanics were introduced which was passed by the Mechanical Engineering board and permitted to move on Academic Council by the BoS members of Biomedical Engineering for the students admitted during the academic year 2018-2019 onwards.
- Syllabus of Regulation 2016 for the II semester subjects -16BM2201-Electron Devices and Circuits and 16BM2202-Circuits and Networks were introduced and passed by the Biomedical Engineering board and permitted to move on Academic Council by the



BoS members of Biomedical Engineering for the students admitted during the academic year 2018-2019 onwards.

- Skill development and Entrepreneurship courses syllabus of Regulation 2016 for the semesters I & II were passed by the board of Science and Humanities and the same approved by the BoS members of Biomedical Engineering for the students admitted during the academic year 2018-2019 onwards.
- Semester I & II–Skill development Courses for members approval
  - 16BM2001 - Electron Devices and Circuits Lab
- Semester I & II –Following Employability Courses for members approval
  - 16BM2201 Electron Devices and Circuits
  - 16BM2202 Circuits and Networks
- Chairman conveyed that, the Suggestions given by the Board of Studies members are to be forwarded to Science and Humanities, Computer Science and Engineering, Mechanical Engineering and Electrical and Electronics Engineering Boards and incorporated in R2016.

**Recommendations by BoS members (Subject Related)**

1. University Nominee and subject expert suggested to include recent editions of text/reference books for Electron Devices and Circuits.
2. In 2016 Regulation it is suggested to add “16BM2201-Electron Devices and Circuits and 16BM2202-Circuits and Networks “syllabus.
3. Chairman presented and requested the board members to accept the syllabi of Regulation R2016 for III & IV semester Mathematics subjects which were passed by Science and Humanities board.

The meeting ended with thanks to the Chairman at 4.00 P.M.



A handwritten signature in green ink, appearing to be "J. J. J."

**Chairman  
Board of Studies**

**Chairman BoS  
BME - HiCET**



# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade)  
Othakkalmandapam Post, Coimbatore- 641032, Tamil Nadu.

Date: 29.03.2018

## MINUTES OF BOARD OF STUDIES MEETING

Board of Studies in Department: **Food Technology**

The first Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 29.03.2018 at 02.45 p.m. in the CSE seminar hall, Hindusthan College of Engineering and Technology.

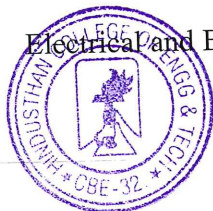
The following members were present.

S.No.	Name of the Person	Department	Position
1	Dr.N.Asoka Raja,	Professor / Head, Department of Agriculture Engineering, Hindusthan College of Engineering and Technology.	Chairman
2	Dr.M.Krishnaveni,	Professor, Centre for Water Resources, CEG Campus, Anna University, Chennai.	University Nominee
3	Mr. C.Mayilsamy	Associate Professor, Dept of Agricultural Engineering, Karunya Institute of Technology and Sciences, Coimbatore.	Subject Expert
4	Dr.B.Sridhar	Dean, Tamil Nadu Agriculture University, Coimbatore.	Subject Expert
5	Mr.C.V.Madheswaran	Managing Director, KSNM Marketing, Coimbatore	Representative from Industry

- The Chairman welcomed the internal members for the first BOS meeting after a brief introduction the following points were taken up for discussion and the following resolutions were made.
- Chairman also gave an outline of the changes to be made in the curriculum of regulation 2016 given by the Curriculum Development Cell (CDC) & Pre-Board of Studies (Pre-BoS)/ Department Advisory Committee (DAC).

### Department specific Board of Studies Discussion / Suggestions:

- Chairman presented and requested the board members to accept the syllabi of Regulation 2016 for the I & II semester subjects which were passed by Science and Humanities, Computer Science and Engineering, Electrical and Electronics Engineering, Mechanical Engineering boards



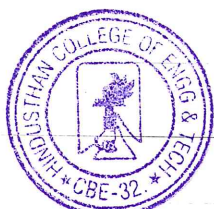
### **Recommendations by BoS members (Subject Related)**

- University Nominee and subject expert suggested to include recent editions of text/reference books for Electron Devices and Circuits.
- Chairman presented and requested the board members to accept the syllabi of Regulation 2016 for III & IV semester Mathematics subjects which were passed by Science and Humanities board.

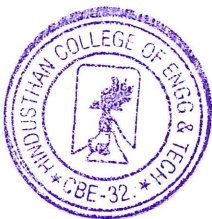
### **The following resolutions were made in the Board of Studies meeting for Food Technology**

#### **Regulation 2016**

- It is resolved that regulation 2016 under choice-based credit system for UG B.Tech. Food Technology Programme for students admitted during the academic year 2018-2019 be approved in the BoS.
- The curriculum and syllabus of Regulation 2016 for the I & II semester subjects were introduced and passed by the Science and Humanities, Computer Science and Engineering, Mechanical Engineering boards and permitted to move on Academic Council by the BoS members of Food Technology for the students admitted during the academic year 2018-2019 onwards.
- Syllabus of Regulation 2016 for the I semester subjects-16MA1101, 16PH1101, 16CY1101 and 16HE1101R were introduced and passed by Science and Humanities board and permitted to move on Academic Council by the BoS members of Food Technology for the students admitted during the academic year 2018-2019 onwards.
- Syllabus of Regulation 2016 for the II semester subjects- 16MA2101, 16PH2102, 16CY2102, 16HE2102R and 16PS2001 were introduced and passed by Science and Humanities board and permitted to move on Academic Council by the BoS members of Food Technology for the students admitted during the academic year 2018-2019 onwards
- Syllabus of Regulation 2016 for the I semester subjects- 16GE1103- Problem Solving and Python Programming & 16GE1004- Problem Solving and Python Programming Laboratory were introduced and passed by the Computer Science and Engineering board and permitted to move on Academic Council by the BoS members of Food Technology for the students admitted during the academic year 2018-2019 onwards



- Syllabus of Regulation 2016 for the I & II semester subjects- 16GE1102- Engineering Graphics and, 16GE1002- Engineering Practices Laboratory & 16GE2101- Engineering Mechanics were introduced and passed by the Mechanical Engineering board and permitted to move on Academic Council by the BoS members of Food Technology for the students admitted during the academic year 2018-2019 onwards.
- Syllabus of Regulation 2016 for the II semester subjects -16FT2101- Fundamentals of Biochemistry and 16FT2001- Biochemistry Lab were introduced and passed by the Food Technology board and permitted to move on Academic Council by the BoS members of Food Technology for the students admitted during the academic year 2018-2019 onwards.
- Skill development and Entrepreneurship courses syllabus of Regulation 2016 for the semesters I & II were passed by the board of Science and Humanities and the same approved by the BoS members of Food Technology for the students admitted during the academic year 2018-2019 onwards.
- The following skill development course is introduced for member's approval.
  - 16FT2101 - Fundamentals of Biochemistry
- The following employability course is introduced for member's approval.
  - 16FT2001 - Biochemistry Lab
- Chairman conveyed that, the Suggestions given by the Board of Studies members are to be forwarded to Science and Humanities, Computer Science and Engineering, and Mechanical Engineering Boards and incorporated in R2016.
- Semester I and II subjects passed by the Science and Humanities board and accepted by the internal BOS Members of Food Technology.
- The curriculum and syllabi for the I and II semester for B.Tech. The Food Technology programme has been ratified and approved by the above committee for the academic year 2018-19.



**Recommendations by BoS members (Subject Related)**

1. University Nominee and subject expert suggested to include recent editions of text/reference books
2. Chairman presented and requested the board members to accept the syllabi of Regulation 2016 for III & IV semester Mathematics subjects which were passed by Science and Humanities board.
3. The meeting ended with thanks to the members by the Chairman at 04.30 pm.

  
Chairman

Board of Studies

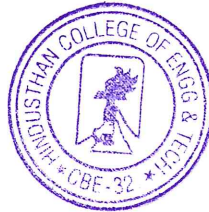
**Chairman - BoS  
FT - HICET**

**Enclose:**

1. Previous BoS Minutes-ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File





# **Hindusthan College of Engineering and Technology**

(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandabam Post, Coimbatore – 641 032

Date: 09.03.2018

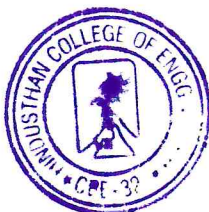
## **MINUTES OF BOARD OF STUDIES MEETING**

Name of the Department: **Electrical and Electronics Engineering**

The Third Board of Studies meeting for **M.E-Applied Electronics** Postgraduate programme of Regulation 2016 for the Academic year 2018-2019 was conducted on 09.03.2018 at 10.30 p.m. in the Video Conference Hall, Central Library.

The following members were present.

S.No	Name of the Person	Department	Position
1	Dr.N.P.Ananthamoorthy	Professor / Head, Department of Electrical and Electronics Engineering Hindusthan College of Engineering and Technology	Chairman
2	Dr. A. Shenbagavalli	Professor & Head, Department of Electronics and Communication Engineering, National Engineering College, Kovilpatti – 628 503	Expert Nominated by vice chancellor
3	Dr. K.Baskaran	Associate Professor, Department of Electrical and Electronics Engineering, Government College of Technology, Coimbatore -641 013	Subject Expert
4	Dr. G.Muruganath	Professor and Head, Department of Electrical & Electronics Engineering, Ahalia School of Engineering and Technology, Palakkad, Kerela – 678 557	Subject Expert
5	Er. J. Sridhar Prabhu	Managing Director, Allzone Systems Limited, Coimbatore, 641 009.	Representative from Industry
6	Mr. S. Manikandan	Sigma Electrical Services, 2nd Street, Ganapathy pudur, Coimbatore – 641 006.	Alumnus
7	Dr. K.Sekar	Associate Professor, Department of Electrical and Electronics Engineering, Hindusthan College of Engineering and Technology, Coimbatore– 641 032.	Member



8	Dr. M.Karpagam	Associate Professor, Department of Electrical and Electronics Engineering, Hindusthan College of Engineering and Technology, Coimbatore– 641 032.	Member
9	Mr. K.Vanmathi	Associate Professor, Department of Electrical and Electronics Engineering, Hindusthan College of Engineering and Technology, Coimbatore– 641 032.	Member
10	Mr. M.P.Viswanathan	Assistant Professor, Department of Electrical and Electronics Engineering, Hindusthan College of Engineering and Technology, Coimbatore– 641 032.	Member

- The chairman of the BoS, Dr. N. P. Ananthmoorthy welcomed all the dignitaries and internal members for the first Board of Studies meeting
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre-Board of studies/ Department Advisory Committee (DAC).
- The feedback received on curriculum by the stakeholders were presented
- The Chairman conveyed to the members that, Based on Anna University Curriculum, the Curriculum & Syllabus for I – IV semesters of M.E, Applied Electronics was reviewed.

**Recommendations by BoS members (Subject Related)**

- Chairman presented and requested the board members to accept the syllabi of Regulation 2016 for the I to IV semester subjects which were passed by Science and Humanities board & Electrical and Electronics Engineering.
- The curriculum and syllabus of this semester were reviewed and accepted without any changes


The following resolutions are made in the Board of Studies meeting,

- In almost all the courses, changes have been done as per Local, Regional, National and Global needs.



- All the courses in the curriculum are framed based on the employability, skill development and entrepreneurship context to meet the industry needs.

The meeting ended with thanks to the members by Chairman at 01.00 pm

  
Chairman  
(Board of Studies)  
**Chairman - BoS**  
**EEE - HICET**

**Enclose:**

1. Pre-Board of studies/DAC meeting Minutes
2. Curriculum and Syllabi (1&2)

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File





# *Hindusthan College of Engineering and Technology*

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandabam Post, Coimbatore – 641 032

Date: 12.03.2018

## MINUTES OF THE BOARD OF STUDIES MEETING

Name of the Department: **Electronics and Communication Engineering**

The Third Board of Studies meeting of Regulation 2016 (Revised) ME Communication Systems for the academic year 2018-19 was conducted on 12.03.18 at 10.30 am in Hindusthan College of Engineering and Technology in the Board room.

The following members were present.

S.No	Name of the Person	Department	Position
1.	Dr.P.Rajeswari	Professor & Head, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology.	Chairman
2.	Dr.Y.V.Ramana Rao	Professor, Department of Electronics and Communication Engineering, Anna University, Chennai 600 025.	University Nominee
3.	Dr.P.T.Vanathi	Professor, Department of Electronics and Communication Engineering, PSG College of Technology, Coimbatore-641004.	Subject Expert 1
4.	Dr.V.Sumathy	Associate Professor, Department of ECE,	Subject Expert 2



		Government College of Technology, Coimbatore-641013	
5.	Mr.J.Charles Arokiaraj	Project Manager, Robert Bosch Engineering and Business Solution Pvt Ltd, ChilSEZ, Coimbatore.641035	Representative from Industry
6.	Dr.P.Vijayalakshmi	Professor, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology	Member
7.	Dr.R.Sabitha	Professor, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology	Member
8.	Dr.A.Kishore Kumar	Professor, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology,	Member
9.	Mr.P.F.Khaleelur Rahiman	Associate Professor, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology,	Member
10.	Dr.L.Murali	Associate Professor, Department of ECE, P.A.College of Engineering and Technology, Coimbatore	Alumni



The following members could not attend the meeting due to other engagements

1. Mr. J. Charles Arokiaraj

Project Manager,

Robert Bosch Engineering and Business Solution Pvt Ltd,

ChilSEZ,

Coimbatore.641035

2. Dr. L. Murali

Associate Professor,

Department of ECE,

PA College of Engineering and Technology,

Coimbatore

- The Chairman - BoS welcomed the University nominee, Subject experts, special invitees and all the internal members for the third Board of Studies meeting.
- The chairperson gave a brief overview of the key features of Regulation 2016 (Revised) to all members of the Board of Studies.
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Department Advisory Committee (DAC) and emphasized the importance of Skill Development courses in the curriculum to be in line with the industry needs.
- The feedback received on curriculum by the stake holders were presented.
- Followed by, Chairman presented the suggestions given by the BoS experts and the action taken report of the Previous BoS meeting, held on 18.05.2017, for the approval of BOS members.

**Recommendations by BoS members:**

Chairman presented the syllabus for the following

- 1) Subject expert (Dr. V. Sumathy) suggested to include Higher order thinking in a few subjects.
- 2) University Nominee (Dr. Y.V.Ramana Rao) suggested that instructional hours can be varied according to the weightage of the unit.

**The following resolutions were made in the Board of Studies meeting,**

- In almost all the courses, changes have been done as per Local, Regional, National and Global needs.



- All the courses in the curriculum are framed based on Employability, Entrepreneurship and Skill Development context to meet the industry needs.
- The curriculum and syllabus of Regulation 2016 (Revised) for the I and II semester subjects were reviewed by the Science and Humanities board and Electronics and Communication Engineering board and permitted to move on to Academic Council by the BoS members of Electronics and Communication Engineering for the students admitted during the academic year 2018-2019 and onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.
- Chairman conveyed that, the suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with thanks to the Chairman at 1.30 P.M.

*Phai*

**Chairman**

(Board of Studies)

**Chairman - BoS  
ECE - HICET**

**Enclose:**

1. CDC Minutes
2. DAC meeting Minutes –ATR
3. Previous BoS Minutes-ATR
4. Copy of Regulation 2016R
5. Regulation 2019
6. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File



# Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date: 09.03.2018

## MINUTES OF BOARD OF STUDIES MEETING

Board of Studies in Department: **Computer Science and Engineering**

The Third Board of Studies meeting for ME Computer Science and Engineering Postgraduate programme of Regulation 2016 for the Academic year 2018-2019 was conducted on 09.03.2018 at 02.30 p.m. in the Video Conference Hall, Central Library.

**The following members were present.**

S.No	Name of the Person	Department	Position
1	Dr Shankar S	Professor / Head, Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology.	Chairman
2	Dr Thangaraj P	Professor / Head, Department of Computer Science and Engineering	University Nominee
3	Dr Shanmuga Lakshmi R	Professor & Head / EEE, Government College of Engineering, Salem.	Subject Expert 1
4	Dr Nedunchezian R	Professor/CSE, Coimbatore Institute of Technology, Coimbatore	Subject Expert 2
5	Mr Paramasivam Venkataramsamy	Chief Technology Officer, Synaptris, Chennai	Representative from Industry
6	Dr Sengottaiyan N	Professor, Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology.	Member
7	Dr Deeba K	Associate Professor, Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology.	Member
8	Mr Satheesh Kumar D	Assistant Professor, Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology	Member

**The following members could not attend the meeting due to other engagements.**

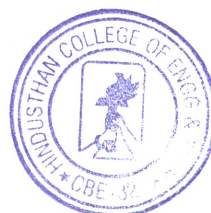
- 1. Mr Paramasivam Venkataramsamy (Representative from Industry)  
Chief Technology Officer, Synaptris, Chennai
- 2. Mr Dharmalingram P S (Alumni)
- The chairman of the BoS, Dr Shankar S welcomed all the dignitaries and internal members for the first Board of Studies meeting.
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Pre-Board of studies/ Department Advisory Committee (DAC).
- The feedback received on the curriculum by the stakeholders was presented.
- The Chairman conveyed to the members that, Based on Anna University Curriculum, we introduce Curriculum & Syllabus for I – IV semesters of M.E, Computer Science and Engineering.

**Board of Studies Discussion / Suggestions:**

- Chairman presented and requested the board members to accept the syllabi of Regulation 2016 for the I to IV semester subjects which were passed by Science and Humanities board & Computer Science and Engineering Boards.
- The curriculum and syllabus of this semester were reviewed and accepted without any changes

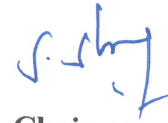
**The following resolutions are made in the Board of Studies meeting,**

- In almost all the courses, changes have been done as per Local, Regional, National and Global needs
- All the courses in the curriculum are framed based on the employability, skill development and entrepreneurship context to meet the industry needs.
- The curriculum and syllabus of Regulation 2016 for I to IV semester subjects were reviewed by the Computer Science and Engineering board and permitted to move on



Academic Council by the BoS members of Computer Science and Engineering for the students admitted during the academic year 2018-2019 onwards.

The meeting ended with Vote of thanks to the members by Chairman at 04.00 pm



**Chairman  
Board of Studies**

**Enclose:**

- 1.Previous BoS Minutes-ATR
- 2.Copy of Regulation 2016
- 3.Curriculum and Syllabi

**Chairman - BoS  
CSE - HiCET**

**Copy:**

- 1.The Principal
- 2.Dean Academics
- 3.Controller of Examinations
- 4.All the Members of BoS
- 5.File





## **Hindusthan College of Engineering and Technology**

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandabam Post, Coimbatore – 641 032

Date:09.03.2018

### **MINUTES OF BOARD OF STUDIES MEETING**

Name of the Department: **Mechanical Engineering**

The Board of Studies meeting of Regulation 2016 ME Cad/Cam for the Academic year 2018-2019 was conducted on 09.03.2018 at 10.00 A.M in the Video Conference Hall, Central Library.

The following members were present:

S.No	Name of the Person	Department	Position
1	Dr. K. Siva	Professor and Head, Department of Mechanical Engineering, Hindusthan College of Engineering and Technology	Chairman
2	Dr. Latha Nagendran	Professor, Department of Mechanical Engineering, Anna University, Chennai.	University Nominee
3	Dr. N. Murugan	Professor, Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore.	Subject Expert 1
4	Dr. K. Manonmani	Associate Professor, Department of Mechanical Engineering, Government College of Technology, Coimbatore.	Subject Expert 2
5	Mr. Suresh Kumar	Chief Executive Officer, Barani Hydraulics India Pvt Ltd, Coimbatore.	Representative from Industry
6	Dr. M. Mohanraj	Professor, Mechanical Engineering Department, Hindusthan College of Engineering and Technology	Member
7	Dr. J. Manikandan	Associate Professor, Mechanical Engineering Department, Hindusthan College of Engineering and Technology.	Member
8	Dr. P. Jeyalakshmi	Associate Professor, Mechanical Engineering Department, Hindusthan College of Engineering and Technology.	Member
9	Dr. S. Kannan	Assistant Professor, Mechanical Engineering Department, Hindusthan College of Engineering and Technology.	Member
10	Er.A. Surya Narayanan.	Flash Engineering.	Alumni



- The chairman of the BOS, welcomed all the dignitaries for the meeting. He introduced the BoS members. Also, he has given an outline of the institution and department along with the salient features of the Curriculum and Syllabi.
- Chairman also gave an outline of the changes to be made in the Regulation 2016 curriculum given by the Pre-Board of Studies/ Department Advisory Committee (DAC) and emphasized the importance of Skill Development, Entrepreneurship and Employability and courses in the curriculum to be in line with the industry needs.
- The feedback received on curriculum by the stakeholders were presented.
- Followed by, Chairman presented the suggestions given by the experts and the action taken report during the Previous BoS meeting which was held during 05.06.2017 was approved.

**Recommendations by BoS members (Subject Related)**

- In “16CC1202 Integrated Mechanical Design”, 10% syllabus revision made with relevant topics.
- In “16CC2204 Computer Aided Inspection and Non-Destructive Testing”, 10% syllabus change has been made based on the feedback of stakeholders.
- Chairman presented and requested the board members to accept the syllabi of Regulation 2016 for I to IV semester subjects which were passed by Science and Humanities board & Mechanical Engineering Boards.
- The curriculum and syllabus of this semester were reviewed and accepted.

**General Recommendation:**

- Suggested to verify whether bundled courses and fractional credits are permitted as per regulation.
- Latest Edition reference book shall be added instead of old one
- For laboratory course syllabus reference has to be given as books or department manuals.
- Standard Text and Reference books should be preferred for all subjects with recent editions.

**For Regulations 2016:**

- In almost all the courses, changes have been done as per Local, Regional, National and Global needs.



- All the courses in the curriculum are framed based on the employability, skill development and entrepreneurship context to meet the industry needs.
- The curriculum and syllabus of Regulation 2016 for I semester subject was passed by the Science and Humanities and Mechanical Engineering board permitted to move on Academic Council by the BoS members of Mechanical Engineering for the students admitted during the academic year 2018-2019 onwards.
- The curriculum and syllabus of Regulation 2016 for I to IV semester subjects were passed by Mechanical Engineering board and permitted to move on Academic Council by the BoS members of Mechanical Engineering for the students admitted during the academic year 2018-2019 onwards.
- The meeting ended with thanks by the Chairman at 01.00 P.M.



**Chairman**  
**(Board of Studies)**  
**Chairman - BoS**  
**MECH - HICET**

**Enclose:**

1. CDC Minutes
2. Pre-Board of Studies/DAC meeting Minutes –ATR
3. Previous BoS Minutes-ATR
4. Copy of Regulation 2016
5. Regulation 2019
6. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File





# *Hindusthan College of Engineering and Technology*

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandabam Post, Coimbatore – 641 032

Date: 12.03.2018

## MINUTES OF THE BOARD OF MEETING

Name of the Department: **Electronics and Communication Engineering**

The Third Board of Studies meeting of Regulation 2016 (Revised) ME Electronics and Communication Engineering for the academic year 2018-19 was conducted on 12.03.18 at 10.30 am in Hindusthan College of Engineering and Technology in the Board room.

The following members were present.

S.No	Name of the Person	Department	Position
1.	Dr.P.Rajeswari	Professor & Head, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology.	Chairman
2.	Dr.Y.V.Ramana Rao	Professor, Department of Electronics and Communication Engineering, Anna University, Chennai 600 025.	University Nominee
3.	Dr.P.T.Vanathi	Professor , Department of Electronics and Communication Engineering, PSG College of Technology, Coimbatore-641004.	Subject Expert 1
4.	Dr.V.Sumathy	Associate Professor, Department of ECE, Government College of Technology, Coimbatore-641013	Subject Expert 2
5.	Mr.J.Charles Arokiaraj	Project Manager, Robert Bosch Engineering and Business Solution Pvt Ltd, ChilSEZ, Coimbatore.641035	Representative from Industry
6.	Dr.P.Vijayalakshmi	Professor, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology	Member
7.	Dr.R.Sabitha	Professor, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology	Member



8.	Dr.A.Kishore kumar	Professor, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology,	Member
9.	Mr.P.F.Khalelu r Rahiman	Associate Professor, Department of Electronics and Communication Engineering, Hindusthan College of Engineering and Technology,	Member
10.	Dr.L.Murali	Associate Professor, Department of ECE, P.A.College of Engineering and Technology, Coimbatore	Alumni

The following members could not attend the meeting due to other engagements

1. Mr.J.Charles

Arokiaraj Project

Manager,

Robert Bosch Engineering and Business Solution Pvt Ltd,

ChilSEZ,

Coimbatore.641035

2. Dr.L.Murali ,

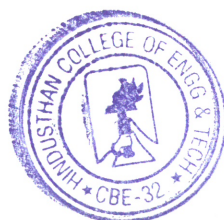
Associate Professor,

Department of ECE,

P.A.College of Engineering and Technology,

Coimbatore

- The Chairman - BoS welcomed the University nominee, Subject experts, special invitees and all the internal members for the third Board of Studies meeting.
- The chairperson gave a brief overview of the key features of Regulation 2016 (Revised) to all members of the Board of Studies.
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Department Advisory Committee (DAC) and emphasized the importance of Skill Development courses in the curriculum to be in line with the industry needs.
- The feedback received on curriculum by the stake holders were presented.
- Followed by, Chairman presented the suggestions given by the BoS experts and the action taken report of the Previous BoS meeting held on 18.05.2017, for the approval of BOS members.



● **Recommendations by BoS members:**

Chairman presented the syllabus for the following

- 1) Subject expert (Dr. V. Sumathy) suggested to include Higher order thinking in a few subjects.
- 2) University Nominee (Dr. Y.V.Ramana Rao) suggested that instructional hours can be varied according to the weightage of the unit.

**The following resolutions were made in the Board of Studies meeting,**

- In almost all the courses, changes have been done as per Local, Regional, National and Global needs.
- All the courses in the curriculum are framed based on Employability, Entrepreneurship and Skill Development context to meet the industry needs.
- The curriculum and syllabus of Regulation 2016 (Revised) for the I and II semester subjects were reviewed by the Science and Humanities and Electronics and Communication Engineering boards and permitted to move on to Academic Council by the BoS members of Electronics and Communication Engineering for the students admitted during the academic year 2018-2019 and onwards.
- The curriculum and syllabi of Regulation 2016 for the III & IV semester subjects for the students admitted during the academic year 2017 - 2018 and onwards was permitted to move on to Academic Council.
- Chairman conveyed that, the suggestions given by the Previous Board of Studies members are ratified and resolved.

The meeting ended with thanks to the Chairman at 1.30 P.M.

*Plaj*

**Chairman**

**(Board of Studies)**

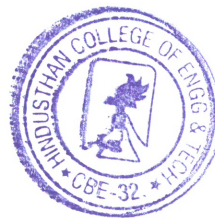
**Enclose:**

1. CDC Minutes
2. DAC meeting Minutes –ATR
3. Previous BoS Minutes-ATR
4. Copy of Regulation 2016R
5. Regulation 2019
6. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File

**Chairman - BoS  
ECE - HICET**





***Hindusthan College of Engineering and Technology***  
(An Autonomous Institution, Affiliated to Anna University, Chennai Approved by  
AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandapam Post, Coimbatore – 641 032

Date: 17.03.2018

**MINUTES OF BOARD OF STUDIES MEETING**

Name of the Department: **Management Sciences (MBA)**

The Third Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 17.03.2018 at 2.00 pm in the Conference room / Boardroom.

The following members were present.

S.No	Name of the Person	Department	Position
1	Dr. K.Samuvel	MBA	Chairman
2	Dr. M. Bhuvaneswari	MBA	Member
3	Dr. S Kamala Saravanan	MBA	Member
4	Prof N.J Ravichandran	MBA	Member
5	Dr.K.Nithyavathi	MBA	Member
6	Dr. R.Krishnaveni	MBA	Subject Expert 1
7	Dr.C.Natesan	MBA	Subject Expert 2
8	Dr.K.Natesan		Industrialist
9	D.Karthikeyan		Alumni
10	Dr.T.Kalaiselvan	MBA	University Nominee



- The Chairman welcomed the University nominee, Subject experts, special invitees and all the internal members for the Board of studies meeting.
- The chairperson briefly explained the salient features of Regulation 2016 to all the BoS members
- Chairman also gave an outline of the changes to be made in the curriculum given by the Curriculum Development Cell (CDC) & Department Advisory Committee (DAC).
- The feedback received on the curriculum by the stakeholders was presented. Followed by, the chairman presented the suggestions given by the BoS experts which was approved.

**Recommendations by BoS members (Subject Related)**

- In “16BA3307-Merchant Banking and Financial Services”, 5% of syllabus was changed from the Regulations 2016
- In “16BA1206- Legal Aspects of Business” 20% of the syllabus was changed from the Regulations 2016.
- In “16BA2207- Business Research Methods” - 5% of syllabus was changed from the Regulations 2016

**General Recommendations**

- Based on discussion regarding curriculum design, the board agreed to upgrade towards higher order thinking based on Bloom's taxonomy in the next regulation.
- The Curriculum design and Syllabus component has been highly appreciated by the board members.
- The curriculum and syllabus for the academic year 2018-2019 is ratified and approved by the above committee.

**The following Resolutions were made in the Board of Studies Meeting**

- In almost all the courses, a change has been made as per the Local, Regional, National and Global needs.
- All the courses in the curriculum are framed based on the Employability, Skill development and Entrepreneurship context to meet the industry needs.
- The Curriculum and syllabi of Regulation R 2016 for Management courses were passed by Management Sciences Board and permitted to move on Academic Council by BoS members for students admitted during the academic year 2018-2019 onwards.



- Chairman conveyed, the suggestions given by the Board of Studies members are to be incorporated in Regulation R2016.

The meeting ended with a vote of thanks at 03:30 pm.

  
**Chairman**  
**Board of Studies**

**Chairman - BoS**  
**MBA - HiCET**

**Enclose:**

1. Previous BoS Minutes - ATR
2. Copy of Anna University Regulation 2016
3. Curriculum and Syllabi

**Copy:**

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File.





# **Hindusthan College of Engineering and Technology**

(An Autonomous Institution, Affiliated to Anna University, Chennai  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A' Grade & NBA)  
Othakalmandabam Post, Coimbatore – 641 032

Date: 12.03.2018

## **MINUTES OF BOARD OF STUDIES MEETING**

### **Department of Master of Computer Applications**

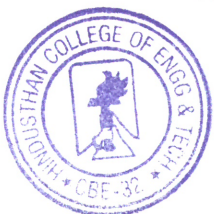
The Third Board of Studies meeting of Regulation 2016 for the Academic year 2018-2019 was conducted on 12.03.2018 at 11.15 am. in the Library Board Room.

The following members were present:

<b>S.No</b>	<b>Name of the Person</b>	<b>Department</b>	<b>Position</b>
1	Dr.A.R.Jayasudha	Professor / Head, Department of MCA, Hindusthan College of Engineering and Technology.	Chairman
2	Dr.T.Mala	Professor / Head, Information Science & Technology, Anna University, Chennai.	University Nominee
3	Dr.K.S.Palanisamy	Professor / Head, Information Science & Technology.	Subject Expert 1
4	Mrs.M.Nirmala	Assistant Professor, Department of MCA, Hindusthan College of Engineering and Technology.	Member
5	Mrs.K.Kavitha	Assistant Professor, Department of MCA, Hindusthan College of Engineering and Technology.	Member
6	Mrs.Princess Maria John	Assistant Professor, Department of MCA, Hindusthan College of Engineering and Technology.	Member
7	Mr. R.Sathish Kumar,	Iexemplar Software India (P) Ltd, Coimbatore	Representative from Industry

The following member could not attend the meeting due to other engagements.

1. Dr.T.Mala, Information Science & Technology, Anna University, University Nominee.



2. Mr. R.Sathish Kumar, Iexemplar Software India (P) Ltd, Coimbatore, -  
Representative from Industry

- The chairman of the BoS, Dr. A.R.Jayasudha welcomed all the dignitaries and internal members for the third Board of Studies meeting.
- The chairperson briefly explained the Salient features of Regulation 2016 to all the BoS members.
- The chairman gave an outline of the changes made in the curriculum which was done by Curriculum Development Cell (CDC) & Department Advisory Committee (DAC).
- The Chairman conveyed that, Based on Anna University Curriculum, Computer Applications Board is introducing Curriculum and syllabus of V and VI semester courses,
- The following Skill development courses introduced for members approval.
  - 16CA5306 - Security in computing
  - 16CA5202 - Python Programming
- The following Employability courses introduced for members approval.
  - 16CA5001 - PHP Programming Laboratory
  - 16CA5002 - Python Programming Laboratory

#### **Recommendations by BoS members (Subject Related)**

Based on the feedback received from stakeholders, PHP Programming, PHP Programming Lab, Python Programming, Python Programming Lab new courses were introduced.

#### **Department specific Board of Studies Discussion / Suggestions:**

- As the course objectives and course outcomes are the same, Dr.K.S.Palanisamy (Subject Expert) suggested removing Course Objectives.
- Dr.T.Mala (Anna University Nominee) suggested removing the Net subject from .Net PHP and Python Programming paper and recommended to provide it as 2 different papers.
- It has been suggested to include Big Data Analytics as Core Paper during later periods.

#### **The following resolutions are made in the Board of Studies meeting:**

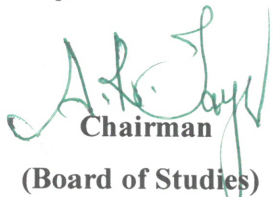
- In almost all the courses, changes have been done as per the Local, Regional, National



and Global needs.

- In Regulation 2016, the curriculum and syllabus of V and VI semester courses were introduced which was passed by the Computer Applications Board, and permitted to move on Academic Council by the BoS members of Board of Computer Applications for the students admitted during the academic year 2016-2017 onwards.
- In Regulation 2016, the curriculum and syllabus of the course 16BA5353-Human Resource Management of V semester was introduced and passed by the Master of Business Administration Board, and permitted to move on Academic Council by the BoS members of Board of Computer Applications for the students admitted during the academic year 2016-2017 onwards.
- All the courses in the curriculum are framed based on Employability, Entrepreneurship and Skill Development context to meet the industry needs.

The meeting ended with thanks to the members by Chairman at 12.30 pm

  
**Chairman**  
**(Board of Studies)**  
**Chairman - BoS**  
**MCA - HiCET**

**Enclose:**

1. Previous Bos Minutes – ATR
2. Copy of Regulation 2016
3. Curriculum and Syllabi

**Copy**

1. Principal
2. Dean Academics
3. Controller of Examination
4. All members of BoS
5. File

