

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

Department of Science And Humanities

Date: 26.05.2017

Action Taken Report on BoS

The meeting of the Second Board of Studies of Regulation 2016 for the Department of Science and Humanities was conducted on 12.05.2017 at 11.30 a.m in the Video Conference Hall, Central Library.

Based on the minutes the following actions were taken.

Syllabus related Recommendations:

S. No	Courses in which revision has been done	Action taken	Percentage of Syllabus Revised
1.	16HE1101 R- English For Engineers-I	Modified	70%
2	16HE2102R - - English For Engineers-II	Modified	70%
3	16MA3104 - Fourier Analysis and Numerical Methods(Civil , Mechatronics)	Incorporated	8%
4	16MA3105 - Discrete Mathematics and Graph Theory (CSE &IT)	Incorporated	48%
5	16MA3106 - Numerical Methods For Electronics Engineers (ECE)	Incorporated	4%
6	16MA4107 - Numerical Methods (Auto, Aero, EEE,EIE &Mech)	Incorporated	4%
7	16MA4108 - Probability and Queueing Theory (CSE & IT)	Incorporated	8%
8	16MA4109 - Probability and Random Processes (ECE)	Incorporated	28%
9	16MA4110 - Applied Probability and Statistics (Civil)	Incorporated	4%
10	16PH1101 Engineering Physics (EEE)	Incorporated	4%
11	16PH2102 Physics of materials(EEE)	Incorporated	8%
12	16CY1101 Engineering Chemistry	Incorporated	3%
13	Chemistry for Civil Engineers	Incorporated	10%



14	16PS1001 Physical Science Laboratory I	Incorporated	2%
15	16PS2001 Physical Science Laboratory II	Incorporated	2%

Overall Percentage of syllabus revision made in the BoS : 73.07%

(ii) New Courses Introduced

S.No	Regulation	Course Code with Name	Credits
1	2016	16HE1101R - Essential English for engineers – I	3
2	2016	16HE2102R - Essential English for engineers – II	3
3	2016	16MA3103 -Fourier Analysis And Statistics (common to AERO, AUTO, MECH, EEE AND E&I)	4
4	2016	16MA3104-Fourier Analysis And Numerical Methods (common to CIVIL & MECHATRONICS)	4
5	2016	16MA3105-Discrete Mathematics And Graph Theory (common to CSE & IT)	4
6	2016	16MA3106-Numerical Methods For Electronics Engineers	4
7	2016	16MA4107 - Numerical Methods (Common to AERO, AUTO,MECH,EEE &EIE)	4
8	2016	16MA4108-Probability And Queueing Theory (COMMON TO CSE & IT)	4
9	2016	16MA4108 -Probability And Random Processes (ECE)	4
10	2016	16MA4109 - Applied Probability And Statistics(CIVIL)	4
11	2016	16GE1003 – Language Competency Enhancement Course 1	1
12	2016	16GE2001 – Language Competency Enhancement Course 1	1
13	2016	16MA5309- Probability and Statistics	4
14	2016	16MA611 – Operation Research (Open Elective for Mechatronics in semester VI)	4

The following recommendations given by stakeholders are considered and incorporated.

1. Skill based course may be introduced like language competency course which will be highly relevant to their communication skill development
2. Language skills may be developed from the first semester onwards



General Recommendations:

S.No.	Suggestion given in the BoS experts	Action taken
1	There may be at least four Mathematics papers for each programme.	Considered
2	Skill based course may be introduced for English course.	Considered and Language Competency Enhancement course has been introduced.



Uma

Chairman
Board of Studies

Dr. K. P. UMA
Prof & Head
Department of Science and Humanities
Hindustan College of Engineering

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Date: 12.06.2017

Action Taken Report on BoS

The meeting of Second Board of Studies of Regulation 2016 for the Department of Aeronautical Engineering Undergraduate programme was conducted on 13.05.2017 at 10.00 a.m. in the Video Conference Hall, Central Library.

(i) Syllabus Revision:

S. No.	Subject in which revision has been done	Action taken	Percentage Syllabus Revised
1	16HE1101R- Essential English for Engineers –I	Modified	70%
2	16HE2102R- Essential English for Engineers- II	Modified	70%
3	16AE3201- Aero Engineering Thermodynamics	Incorporated	20%
4	16AE3202-Solid Mechanics	Incorporated	5%
5	16AE3203-Engineering Fluid Mechanics	Incorporated	25%
6	16AE3204-Elements of Aeronautics	Incorporated	20%
7	16AE3205-Aircraft Systems and Instruments	Incorporated	40%
8	16AE3001-Fluid mechanics and Thermodynamics Lab	Incorporated	5%
9	16AE3002-Aircraft component Drawing Laboratory	Incorporated	15%
10	16AE4201-Aerodynamics	Modified	25%
11	16MA4107- Numerical Methods	Incorporated	4%
12	16AE4202- Mechanics of Machines	Incorporated	15%
13	16AE4203-Gas Turbine Propulsion	Included	20%
14	16AE4204- Aircraft Strength of Materials	Incorporated	20%
15	16EI4231- Control Engineering	Incorporated	25%
16	16AE4001-Aerodynamics Laboratory	Modified	20%
17	16AE4002- Aircraft Strength of Materials Laboratory	Modified	10%

Overall Percentage of syllabus revision made in the BoS: 37.14 %



(ii) New courses Introduced:

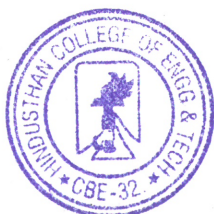
S. No.	Regulation	Course code with name	Credits
1.	2016	16HE1101R-Essential English for Engineers – I	4
2.	2016	16HE2102R-Essential English for Engineers – II	4
3.	2016	16MA3103-Fourier Analysis and Statistics	4
4.	2016	16MA4107-Numerical Methods	4
5.	2016	16AE3001-Fluid mechanics and Thermodynamics Lab	2
6.	2016	16AE3002-Aircraft component Drawing Laboratory	2
7.	2016	16AE3201-Aero Engineering Thermodynamics	3
8.	2016	16AE3202-Solid Mechanics	3
9.	2016	16AE3203-Engineering Fluid Mechanics	3
10.	2016	16AE3204-Elements of Aeronautics	3
11.	2016	16AE3205-Aircraft Systems and Instruments	3
12.	2016	16AE4001-Aerodynamics Laboratory	2
13.	2016	16AE4002-Aircraft Strength of Materials Laboratory	2
14.	2016	16AE4201-Aerodynamics	3
15.	2016	16AE4202-Mechanics of Machines	4
16.	2016	16AE4203-Gas Turbine Propulsion	3
17.	2016	16AE4204-Aircraft Strength of Materials	4


The following recommendations given by stakeholders are considered and incorporated.

- Value added courses on ANSYS have been introduced.
- Courses related to skill to be introduced for students to excel in their specific domain also.

General Recommendations:

S. No.	Suggestion given in the BoS experts	Action taken
1	The students will be able to” before the course outcome for all subjects.	Considered
2	Course Objective and outcome should be a single verb of Bloom's taxonomy and not a compound sentence with two or more verbs.	Considered




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DEPARTMENT OF AUTOMOBILE ENGINEERING

Action Taken Report on BoS

Action taken report for the Board of Studies meeting conducted for the Academic Year 2017-2018 on 18.05.2017 at 11.30 a.m. in the Video Conference Hall, Central Library.

(i) Syllabus Revision:

S.No.	Course Code	Course Title	Action Taken	Percentage Syllabus Revised (%)
1	16HE1101R	Essential English for Engineers – I	Incorporated	70
2	16HE2102R	Essential English for Engineers - II	Incorporated	70
3	16MA3103	Fourier Analysis and Statistics	Incorporated	5
4	16AU3201	Manufacturing Technology	Modified	20
5	16AU3202	Engineering Thermodynamics	Incorporated	25
6	16AU3203	Automotive Engines	Modified	30
7	16AU3204	Strength of Materials	Incorporated	20
8	16AU3205	Engineering Design and Drawing	Modified	25
9	16AU3001	Manufacturing Technology Laboratory	Modified	5
10	16AU3002	Strength of Materials Laboratory	Modified	5
11	16MA4107	Numerical Methods	Modified	4
12	16AU4201	Automotive Materials and Metallurgy	Incorporated	25
13	16AU4202	Mechanics of Machines	Modified	25
14	16AU4203	Thermal and Fluid Engineering	Incorporated	30
15	16AU4204	Automotive Chassis	Incorporated	5
16	16AU4205	Automotive Electrical and Electronics	Modified	20
17	16AU4001	Automotive Components Laboratory	Incorporated	10
18	16AU4002	Thermal and Fluid Engineering Laboratory	Modified	20
19	16AU4003	Automotive Electrical and Electronics Laboratory	Modified	15

Overall Percentage of syllabus revision made in the BoS : 36.11%



(ii) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1.	2016	16HE1101R -Essential English for engineers – I	4
2.	2016	16GE1003-Language Competency Enhancement Course 1	1
3.	2016	16HE2102R- Essential English for engineers – II	4
4.	2016	16GE2001- Language Competency Enhancement Course II	1
5.	2016	16MA3103- Fourier Analysis and Statistics	4
6.	2016	16AU3001- Manufacturing Technology Laboratory	2
7.	2016	16AU3002 -Strength of Materials Laboratory	2
8.	2016	16AU3201- Manufacturing Technology	3
9.	2016	16AU3202- Engineering Thermodynamics	4
10.	2016	16AU3203- Automotive Engines	3
11.	2016	16AU3204- Strength of Materials	3
12.	2016	16AU3205- Engineering Design and Drawing	4
13	2016	16MA4107 -Numerical Methods	4
14	2016	16AU4001 -Automotive Components Laboratory	2
15	2016	16AU4002- Thermal and Fluid Engineering Laboratory	2
16	2016	16AU4003- Automotive Electrical and Electronics Laboratory	2
17	2016	16AU4201 -Automotive Materials and Metallurgy	3
18	2016	16AU4202 -Mechanics of Machines	4
19	2016	16AU4203 -Thermal and Fluid Engineering	3
20	2016	16AU4204- Automotive Chassis	3
21	2016	16AU4205- Automotive Electrical and Electronics	3

The following recommendations given by stakeholders are considered and incorporated.

- Wi-Fi facilities to be provided to the students to motivate ICT enabled learning in the classroom.
- Effective implementation of getting curriculum feedback from alumni for strengthening the curriculum and syllabus to be ensured



General Recommendations:

Subject Name	Suggestions given in the BOS experts	Action Taken
Common Suggestion	Suggested to rephrase some of the course objectives and outcomes	Incorporated
	Total credits may be reduced from 187 to 176	
	Suggested to include recent editions of text and reference books in the syllabus.	


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Date: 30.05.2017

ACTION TAKEN REPORT ON BOS

Name of the Department: **CIVIL ENGINEERING**

The Second Board of Studies meeting of Regulation 2016 for the academic year 2017 - 2018 was conducted on 26.05.17 at 11.00 a.m. in the library conference hall. This report consolidates the findings of the panel and the suggestions and area of improvements possible in the future put forth by the panel.

(i) Syllabus Revision:

S.No.	Course Code	Course Title	Action Taken	Percentage Syllabus Revised
1	16MA3104	Fourier Analysis and Numerical Methods	Incorporated	8%
2	16CE3201	Mechanics of Solids	Modified	20%
3	16CE3202	Mechanics of Fluids	Modified	20%
4	16CE3203	Construction Materials, Equipment & Practices	Incorporated	40%
5	16CE3204	Surveying I	Modified	25%
6	16CE3205	Environmental Science and Engineering	Incorporated	35%
7	16CE3001	Survey Lab	Incorporated	30%
8	16CE3002	Computer Aided Building Drawing	Modified	15%
9	16MA4110	Applied Probability and Statistics	Modified	4%
10	16CE4201	Strength of Materials	Incorporated	25%
11	16CE4202	Applied Hydraulics and Hydraulic Machinery	Modified	10%
12	16CE4203	Soil Mechanics	Modified	15%
13	16CE4204	Surveying II	Modified	30%
14	16CE4205	Highway & Railway Engineering	Incorporated	20%
15	16CE4001	Strength of Materials Lab	Incorporated	15%
16	16CE4002	Fluid Mechanics and Hydraulic Machinery Lab	Modified	5%
17	16HE1101R	Essential English for Engineers – I	Incorporated	70%
18	16HE2102R	Essential English for Engineers - II	Incorporated	70%

Overall Percentage of syllabus revision made in the BoS: 40 %

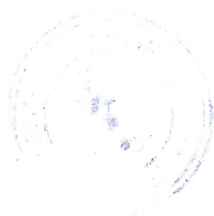


(ii) New courses Introduced:

S.No.	Regulation	Course code with name		Credits
1.	2016	16HE1101R	Essential English for engineers – I	4
2.	2016	16HE2102R	Essential English for engineers – II	4
3.	2016	16GE1003	Language Competency Enhancement Course 1	1
4.	2016	16GE2001	Language Competency Enhancement Course II	1
5.	2016	16MA3104	Fourier Analysis and Numerical Methods	3
8.	2016	16CE3201	Mechanics of Solids	4
9.	2016	16CE3202	Mechanics of Fluids	3
10.	2016	16CE3203	Construction Materials, Equipment & Practices	3
11.	2016	16CE3204	Surveying I	3
12.	2016	16CE3205	Environmental Science and Engineering	3
13.	2016	16CE3001	Survey Lab	2
14.	2016	16CE3002	Computer Aided Building Drawing	2
15.	2016	16MA4110	Applied Probability and Statistics	3
16.	2016	16CE4201	Strength of Materials	4
17.	2016	16CE4202	Applied Hydraulics and Hydraulic Machinery	3
18.	2016	16CE4203	Soil Mechanics	3
19.	2016	16CE4204	Surveying II	3
20.	2016	16CE4205	Highway & Railway Engineering	3
21.	2016	16CE4001	Strength of Materials Lab	2
22.	2016	16CE4002	Fluid Mechanics and Hydraulic Machinery Lab	2


The following recommendations given by stakeholders are considered and incorporated.

- The number of text books, reference books and research article in central library and departmental library to be increased.
- Effective implementation of getting curriculum feedback from alumni for strengthening the curriculum and syllabus to be ensured



(iii) General Recommendations:

S.No.	Suggestion given by Bos Experts	Action taken
1	Course objectives may be increased to 5	Incorporated
2	Course Objective and outcome should be a single verb of Blooms taxonomy and not a compound sentence with two or more verbs.	Incorporated
3	Update the references with the latest edition	Incorporated


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

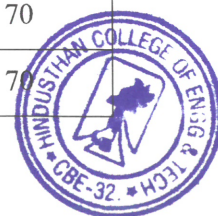
Action taken report on BoS

Action taken report for the Board of Studies meeting conducted for the Academic Year: 2017-2018 on 19.05.2017 at 11.30 a.m. in the Video Conference Hall, Central Library:

(i) Syllabus Revision:

S. No.	Subject Code	Subject in which revision has been done	Action taken	Percentage Syllabus Revised %
1.	16MA3105	Discrete Mathematics and Graph Theory	Modified	48
2	16CS3201	Digital Principles and System Design	Incorporated	20
3	16CS3202	Data Structures	Incorporated	48
4	16CS3203	Software Analysis and Design	Modified	60
5	16CS3204	Operating Systems	Modified	25
6	16CS3205	Professional Ethics	Incorporated	60
7	16CS3001	Data Structures Laboratory	Modified	5
8	16CS3002	Operating Systems Laboratory	Incorporated	20
9	16MA4108	Probability and Queuing Theory	Incorporated	8
10	16CS4201	Java Programming	Incorporated	5
11	16CS4202	Microprocessors and Micro controllers	Modified	25
12	16CS4203	Database Management Systems	Modified	20
13	16CS4204	Computer Graphics	Incorporated	40
14	16CS4205	Fundamentals of Algorithms	Incorporated	20
15	16CS4001	Java Programming Laboratory	Incorporated	20
16	16CS4002	Database Management and Systems Laboratory	Modified	25
17	16CS4003	Microprocessors and Micro controllers Laboratory	Modified	5
18	16HE1101R	Essential English for Engineers - I	Incorporated	70
19	16HE2102R	Essential English for Engineers - II	Incorporated	70

Overall Percentage of syllabus revision made in the BoS: 41.67%



(ii) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1.	2016	16CS2001- Object oriented Programming Lab	2
2.	2016	16CS2201-Object oriented Programming with C++	3
3.	2016	16CS3001-Data Structures Laboratory	2
4.	2016	16CS3002-Operating Systems Laboratory	2
5.	2016	16CS3201-Digital Principles and System Design	4
6.	2016	16CS3202-Data Structures	3
7.	2016	16CS3203-Software Analysis and Design	3
8.	2016	16CS3204-Operating Systems	3
9.	2016	16CS3205-Professional Ethics	3
10.	2016	16CS4001-Java Programming Laboratory	2
11.	2016	16CS4002-Database Management and Systems Laboratory	2
12.	2016	16CS4003-Microprocessors and Micro controllers Laboratory	2
13.	2016	16CS4201-Java Programming	3
14.	2016	16CS4202-Microprocessors and Micro controllers	3
15.	2016	16CS4203-Database Management Systems	3
16.	2016	16CS4204-Computer Graphics	3
17.	2016	16CS4205-Fundamental of Algorithms	3
18.	2016	16MA3105-Discrete Mathematics and Graph Theory	4
19.	2016	16MA4108-Probability and Queueing Theory	4

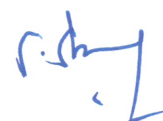
The following recommendations given by stakeholders are considered and incorporated.

- More weightage to be given for practical sessions in the timetable
- Effective implementation of getting curriculum feedback from alumni for strengthening the curriculum and syllabus to be ensured



General Recommendations:

Subject Name	Suggestions given in the BOS experts	Action Taken
Microprocessors and Micro controllers Laboratory	Suggested reducing the total number of experiments	Suggestions Approved
Artificial Intelligence	Suggested to simply the course	
Optical networks	Suggested to replace the course with some other relevant papers in Elective I	
Software engineering and Object Oriented Analysis and Design	Suggested to combine these two courses as a single course since no where it is provided as two distinct courses	
Soft computing	Suggested to include in professional elective instead of open elective	
Professional Elective	Final years elective papers can be revamped and more software related papers may be added	
Common Suggestion	Suggested to include one credit course from fourth semester	
	Total credits may be reduced from 187 to 176	
	Suggested to include recent editions of text and reference books in the syllabus. Also suggested that, if one text book covers all the units then one text book is enough. Otherwise, more than one text books may be included in the syllabus.	



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Board of Studies

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Department of Electrical and Electronics Engineering

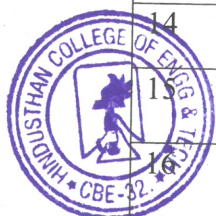
Date: 30.05.2017

Action Taken Report on BoS

The meeting of Second Board of Studies of Regulation 2016 for the Department of Electrical and Electronics Engineering Undergraduate Programme was held at the Principal Board Room on 16.05.2017 at 10.45 am.

Syllabus Revised and New Courses Introduced

S.No.	Subject Code	Subject Name	Action taken	Percentage Syllabus Revised
1	16MA3103	Fourier Analysis and Statistics	Incorporated	5%
2	16EE3201	Transformers and DC Machines	Modified	25%
3	16EE3202	Electronic Devices and Circuits	Modified	20%
4	16EE3203	Measurements and Instrumentation	Incorporated	30%
5	16EE3204	Electromagnetic Theory	Modified	25%
6	16EE3205	Power Plant Engineering	Incorporated	20%
7	16EE3001	Transformers and DC Machines Laboratory	Incorporated	15%
8	16EE3002	Electronic Devices and Circuits Laboratory	Modified	20%
9	16MA4107	Numerical Methods	Modified	4%
10	16EE4201	Induction and Synchronous Machines	Incorporated	20%
11	16EE4202	Linear Integrated Circuits and Applications	Modified	20%
12	16EE4203	Digital Logic Circuits	Modified	30%
13	16EE4204	Transmission and Distribution	Incorporated	10%
14	16EE4205	Renewable Energy Sources	Incorporated	20%
15	16EE4001	Induction and Synchronous Machines Laboratory	Incorporated	30%
16	16EE4002	Linear and Digital Integrated Circuits Laboratory	Modified	15%
17	16HE1101R	Essential English for Engineers -I	Incorporated	70%
18	16MA1101	Engineering Mathematics- I	Incorporated	5%



19	16PH1101	Engineering Physics	Incorporated	4%
20	16CY1101	Engineering Chemistry	Incorporated	3%
21	16HE2102R	Essential English for Engineers -II	Modified	70%
22	16MA2102	Engineering Mathematics- II	Modified	16%
23	16PH2102	Physics of Materials	Incorporated	8%

Overall Percentage of syllabus revision made in the BoS: 45.71%

The following recommendations given by stakeholders are considered and incorporated.

- More number of technical seminars and Value Added Courses to be provided.
- Effective implementation of getting curriculum feedback from alumni for strengthening the curriculum and syllabus to be ensured.

Syllabus related Recommendations:

S. No	Suggestions given by BoS experts	Action taken
1.	In "Power Plant Engineering-16EE3205" case study for 18th Electric Power Survey of India may be included in the Vth unit.	Incorporated
2.	Phasing out test in transformers may be introduced instead of study of DC motor windings and commutator in "16EE3001-Transformers and DC Machines Laboratory".	Modified
3.	Case study regarding SLD of substation layout 110/11kV, 230/33kV and grounding techniques like ICE and TT grounding may be included in "16EE4204-Transmission and Distribution".	Included
4.	Determination of X_d & X_q may be added instead of regulation of alternator by slip test may be included in "16EE4001-Induction and Synchronous machines Laboratory"	Modified
5.	In "16EE4001-Induction and Synchronous machines Laboratory", study of induction motor starters DOL and star delta contactor based starter may be included.	Included



[Signature]
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Department of Electronics and Communication Engineering

Date: 30.05.2017

Action Taken Report on BoS

The Second Board of Studies meeting of Regulation 2016 for the academic year 2017-18 was conducted on 18.05.17 at Hindusthan College of Engineering and Technology in the Board room.

(i) Syllabus revision:

S. No	Subject in which revision has been done		Action taken	Percentage Syllabus Revised
1.	16HE1101R	Essential English for Engineers –I	Modified	70%
2.	16HE2102R	Essential English for Engineers- II	Modified	70%
3	16MA3106	Numerical Methods for Electronics Engineers	Incorporated	4%
4	16EC3201	Digital Electronics	Incorporated	15%
5	16EC3202	Signals and Systems	Modified	25%
6	16EC3203	Electronic Circuits	Modified	25%
7	16EC3204	Semiconductor Fabrication Technology	Incorporated	15%
8	16CS3231	Data Structures and Algorithms	Incorporated	20%
9	16EC3001	Electronic Circuits Lab	Modified	10%
10	16CS3031	Data Structures and Algorithms Lab	Modified	5%
11	16MA4109	Probability and Random Processes	Incorporated	28%
12	16EC4201	Electro Magnetic Fields	Modified	20%
13	16EC4202	Control Systems	Modified	25%
14	16EC4203	Measurement and Instrumentation	Incorporated	20%
15	16EC4204	Linear Integrated Circuits	Incorporated	15%
17	16EC4001	Digital Electronics Lab	Incorporated	15%
18	16EC4002	Linear Integrated Circuits Lab	Modified	20%

Overall Percentage of syllabus revision made in the BoS: 40%



(ii) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1	2016	16MA3106-Numerical Methods for Electronics Engineers	4
2	2016	16EC3201-Digital Electronics	3
3	2016	16EC3202-Signals and Systems	3
4	2016	16EC3203-Electronic Circuits	3
5	2016	16EC3204-Semiconductor Fabrication Technology	3
6	2016	16CS3231-Data Structures and Algorithms	3
7	2016	16EC3001-Electronic Circuits Lab	2
8	2016	16CS3031-Data Structures and Algorithms Lab	2
9	2016	16MA4109-Probability and Random Processes	4
10	2016	16EC4201-Electro Magnetic Fields	3
11	2016	16EC4202-Control Systems	3
12	2016	16EC4203-Measurement and Instrumentation	3
13	2016	16EC4204-Linear Integrated Circuits	3
14	2016	16CS4232-Object Oriented Programming and Structures	3
15	2016	16EC4001-Digital Electronics Lab	3
16	2016	16EC4002-Linear Integrated Circuits Lab	3

Syllabus related Recommendations:

S. No	Suggestions given by BoS experts	Action taken
1.	Few topics may be excluded in the subject '16EC3201-Digital Electronics'.	Incorporated
2.	Additional topics to be included in the subject '16EC3203-Electronic Circuits'.	Incorporated
3.	Include tutorial hours in the subject, '16EC4201-Electromagnetic Fields'.	Included
4.	The subject '16ECXXX- Transmission Lines and Waveguides' to be moved from IV sem to V semester.	Modified
5	Few topics in '16EC4204- Linear Integrated Circuits' to be excluded.	Modified
6	To include text books for Lab courses.	Considered
7	Reduce the number of professional electives.	Incorporated

The following recommendations given by stakeholders are considered and incorporated.

- Theory with laboratory component courses to be introduced to get more practical exposure.
- Effective implementation of getting curriculum feedback from alumni for strengthening the curriculum and syllabus to be ensured



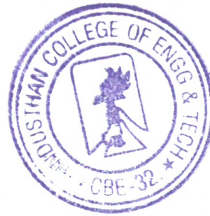
General Recommendations:

S.No.	Suggestion given in the BoS experts	Action taken
1	Use blooms taxonomy while framing the courser outcomes.	Considered
2	To have 5 to 6 course outcomes for theory subjects.	Considered



**Chairman
Board of Studies**

**Chairman - BoS
ECE - HiCET**



Hindusthan College of Engineering and Technology

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Othakalmandapam Post, Coimbatore – 641 032

Date: 30.05.2017

Department of Electronics and Instrumentation Engineering

Action Taken Report on BoS

The meeting of Second Board of Studies of Regulation 2016 for the Department of Electronics and Instrumentation Engineering Undergraduate Programme was conducted on 16.05.2017 at 11.30 a.m. in the Video Conference Hall, Central Library.

(i) Syllabus Revision:

S. No.	Subject in which revision has been done	Action taken	Percentage Syllabus Revised
1	16HE1101R –Essential English for Engineers - I	Modified	70%
2	16HE2102R –Essential English for Engineers - II	Modified	70%
3	16MA3103- Fourier Analysis and Statistics	Incorporated	5%
4	16EI3201-Electronic Instrumentation	Incorporated	25%
5	16EI3202-Electronic Devices and Circuits	Modified	20%
6	16EI3203-Measurements and Instrumentation	Included	25%
7	16EI3204-Transducer Engineering	Modified	25%
8	16ME3231- Fundamentals of Thermodynamics and Fluid Dynamics	Incorporated	40%
9	16EI3001-Transducer and Measurements Laboratory	Incorporated	25%
10	16EI3002-Electronic Devices and Circuits Laboratory	Incorporated	40%
11	16MA4107-Numerical Methods	Incorporated	4%
12	16EI4201-Electrical Machines	Modified	25%
13	16EI4202-Linear Integrated Circuits and Applications	Included	20%
14	16EI4203-Digital Logic Circuits	Modified	20%
15	16EI4204-Power Plant Instrumentation	Incorporated	30%
16	16EI4205-Industrial Instrumentation- I	Modified	25%
17	16EI4001-Electrical Machines Laboratory	Incorporated	40%
18	16EI4002-Linear and Digital Integrated Circuits Laboratory	Included	30%

Overall Percentage of syllabus revision made in the BoS: 45.71 %



(ii) New courses Introduced:

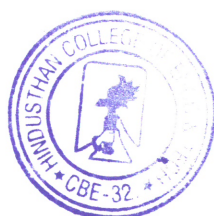
S.No.	Regulation	Course code with name	Credits
1.	2016	16HE1101R –Essential English for Engineers - I	4
2.	2016	16HE2102R –Essential English for Engineers - II	4
3.	2016	16EI3201-Electronic Instrumentation	3
4.	2016	16EI3202-Electronic devices and Circuits	3
5.	2016	16EI3203-Measurement and Instrumentation	3
6.	2016	16EI3204-Transducer Engineering	3
7.	2016	16ME3231- Fundamentals of Thermodynamics and Fluid Dynamics	3
8.	2016	16EI4201-Electrical Machines	3
9.	2016	16EI4202-Linear Integrated Circuits and Applications	3
10.	2016	16EI4203-Digital Logic Circuits	3
11.	2016	16EI4204-Power Plant Instrumentation	3
12	2016	16EI4002-Linear and Digital Integrated Circuits Laboratory	2

The following recommendations given by stakeholders are considered and incorporated.

- More number of technical seminars and value added courses to be provided
- Effective implementation of getting curriculum feedback from alumni for strengthening the curriculum and syllabus to be ensured

General Recommendations:

S.No.	Suggestion given in the BoS experts	Action taken
1	Board suggested to include recent editions of text/reference books for Electronic Instrumentation/ Electronic Devices and Circuits/ Industrial Instrumentation-I subjects	Considered
2	Suggested to include a common sentence “The students will be able to” before course outcome for all subjects	Considered
3	Suggested to include ‘Common to EIE and EEE’ caption if the particular subject is common/shared by two departments	Incorporated



[Handwritten Signature]

**Chairman
Board of Studies**

**Chairman - BoS
EIE - HiCET**



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Department of MECHANICAL Engineering

Action taken report on Board of Studies meeting

Action taken report for the Board of Studies meeting conducted for the Academic Year: 2017-2018 on 05.06.2017 at 10.30 a.m. in the Video Conference Hall, Central Library.

(i) Syllabus Revision:

S. No	Subject in which revision has been done		Action taken	Percentage Syllabus Revised
1	16ME3201	Manufacturing Technology – I	Incorporated	20
2	16ME3202	Engineering Thermodynamics	Modified	18
3	16ME3203	Fluid Mechanics and Machinery	Modified	20
4	16ME3204	Strength of Materials	Incorporated	25
5	16EE3231	Electrical Drives and Controls	Modified	20
6	16ME3001	Manufacturing Technology Lab – I	Incorporated	18
7	16ME3002	Solid and Fluid Mechanics Lab	Incorporated	5
8	16EE3031	Electrical Engineering Lab	Modified	10
9	16MA4107	Numerical Methods	Incorporated	4
10	16ME4201	Manufacturing Technology – II	Incorporated	15
11	16ME4202	Thermal Engineering	Modified	20
12	16ME4203	Kinematics of Machinery	Incorporated	20
13	16ME4204	Engineering Materials and Metallurgy	Incorporated	20
14	16ME4205	Machine Drawing	Modified	25
15	16ME4001	Manufacturing Technology Lab–II	Incorporated	20
16	16ME4002	Thermal Engineering Lab-I	Incorporated	15
17	16ME4701	Communication Skills Lab	Incorporated	5
18	16HE1101R	Essential English for Engineers -I	Modified	70
19	16HE2102R	Essential English for Engineers -II	Modified	70

Overall Percentage of syllabus revision made in the BoS: 40.54 %



(ii) New courses Introduced:

S.No.	Regulation	Course code with name		Credits
1.	2016	16ME4701	Communication skills laboratory (MECH, ECE and IT)	1
2.	2016	16ME3001	Manufacturing Technology Lab – I	2
3.	2016	16ME3002	Solid and Fluid Mechanics Lab	2
4.	2016	16ME3201	Manufacturing Technology – I	3
5.	2016	16ME3202	Engineering Thermodynamics	4
6.	2016	16ME3203	Fluid Mechanics and Machinery	4
7.	2016	16ME3204	Strength of Materials	3
8.	2016	16ME4001	Manufacturing Technology Lab–II	2
9.	2016	16ME4002	Thermal Engineering Lab-I	2
10.	2016	16ME4201	Manufacturing Technology – II	3
11.	2016	16ME4202	Thermal Engineering	3
12.	2016	16ME4203	Kinematics of Machinery	4
13.	2016	16ME4204	Engineering Materials and Metallurgy	3
14.	2016	16ME4205	Machine Drawing	3

The following recommendations given by stakeholders are considered and incorporated.


1. Planned to conduct the theory classes in the morning session and practical class in the afternoon session.
2. Solid Works Practices offered as a Value added course for the students to excel in their domain.



General Recommendations:

Subject Name	BOS Members Suggestions	Action Taken	Remarks
16ME3204 - Strength of Materials	Suggested to shift Principal plane and stresses, Mohr's circle topics from Unit-V to Unit-I Suggested to include transverse shear stresses in beams topic in Unit-III	Suggestions passed on to the standing committee	Suggestions Approved
16ME3201- Manufacturing Technology-I	Suggested that continuous casting process topic should be added in Unit-I Suggested to modify 'defects in sand casting' to 'Casting defects'.		
16ME3001 - Manufacturing Technology-I Lab	Suggested that Boring and Grinding process experiment shall be added.		
16EE3031- Electrical Engineering Lab	Suggested that, 'Power factor calculation' shall be added.		
Electrical Drives and Controls	Suggested that, 'VFD motors and Control devices' shall be added.		
16ME4201 - Manufacturing Technology —II	Suggested that, topic like super finishing, contouring and tapping should be added in Unit-IV.		
Soft computing	Suggested to include in professional elective instead of open elective		
Professional Elective	Final years elective papers can be revamped and more software related papers may be added		
Common Suggestion	Suggested to include a common sentence "The students will be able to" before course outcome for all subjects.		
	Suggested that, Course Objective and outcome should be a single verb of Blooms taxonomy and not a compound sentence with two or more verbs.		




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Chairman - BOS
MECH - HICET

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Department of Mechatronics Engineering

Date: 30.05.2017

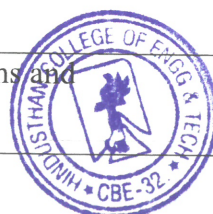
Action Taken Report on BoS

The meeting of Second Board of Studies of Regulation 2016 for the Department of Mechatronics Engineering Undergraduate programme was conducted on 17.05.2017 at 11.30 am in the Video Conference Hall, Central Library.

(i) Syllabus Revision:

S. No.	Subject in which revision has been done	Action taken	Percentage Syllabus Revised
1	16HE1101R- Essential English for Engineers –I	Modified	70%
2	16HE2102R- Essential English for Engineers- II	Modified	70%
3	16MA3104 - Fourier Analysis and Numerical Methods	Included	8%
4	16MT3201 - Theory of Machines	Modified	40%
5	16MT3202-Digital Applications in Mechatronics systems	Included	25%
6	16MT3203-Mechanics of Materials	Modified	20%
7	16MT3204-Control of Electrical Machines	Included	25%
8	16MT3205 - Production Technology	Modified	15%
9	16MT3001 - Production Technology Laboratory	Modified	20%
10	16MT3002- Control of Electrical Machines and Electronics Laboratory	Modified	25%
11	16MT4201 - Thermodynamics and Fluid Engineering	Included	25%
12	16MT4202 - Control of Mechatronics Systems	Modified	15%
13	16MT4203-Sensors and Signal Conditioning	Included	20%
14	16MT4204 - Machine Design	Included	15%
15	16MT4205 - Microcomputer Systems and Microcontroller	Modified	20%

Dr. Narmada



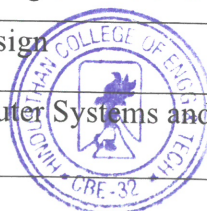
16	16MT4206 - Engineering Metrology and Measurements	Modified	30%
17	16MT4001 - Sensors and Signal Conditioning Laboratory	Included	30%
18	16MT4002 - Assembly Language Programming Laboratory	Modified	5%
19	16MT4003-Solid and Fluid Mechanics Laboratory	Incorporated	40%

Overall Percentage of syllabus revision made in the BoS: 47.22 %

(ii) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1.	2016	16HE1101R- Essential English for Engineers –I	4
2.	2016	16HE2102R- Essential English for Engineers- II	4
3.	2016	16MT3201-Theory of Machines	4
4.	2016	16MT3202-Digital Applications in Mechatronics systems	3
5.	2016	16MT3203-Mechanics of Materials	3
6.	2016	16MT3204-Control of Electrical Machines	3
7.	2016	16MT3205-Production Technology	3
8.	2016	16MT3001-Production Technology Laboratory	2
9.	2016	16MT3002-Electrical Drives and Digital Circuits Laboratory	2
10.	2016	16MT4001 -Sensors and Signal Conditioning Laboratory	2
11.	2016	16MT4002 -Assembly Language Programming Laboratory	2
12.	2016	16MT4003-Solid and Fluid Mechanics Laboratory	2
13.	2016	16MT4201-Fundamentals of Thermal and Fluid Engineering	2
14.	2016	16MT4202 -Control of Mechatronics Systems	3
15.	2016	16MT4203-Sensors and Signal Conditioning	3
16.	2016	16MT4204-Machine Design	3
17.	2016	16MT4205 -Microcomputer Systems and Microcontroller	3

Dr. Damedh



18.	2016	16MT4206-Engineering Metrology and Measurements	3
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The following recommendations given by stakeholders are considered and incorporated.

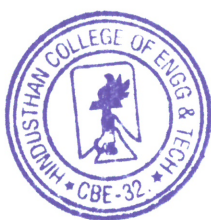
- Theory classes to be conducted in the morning session and practical class in afternoon session.
- Wi-Fi facilities to be provided to the students to empower students in learning process.

General Recommendations:

S. No.	Suggestion given by the BoS experts	Action taken
1	University Nominee suggested to include a common sentence "The students will be able to" before course outcome for all subjects.	Considered
2	Chairman conveyed that; the Suggestions given by the Board of Studies members to be incorporated in R2016.	Considered
3	The Regulation, Curriculum and Syllabus of semester III & IV for the students admitted in the academic year 2016-2017 onwards is forwarded by the Board of Studies to the Standing Committee/Academic Council and recommends for approval.	Incorporated

S. Daimedh

Chairman
Board of Studies
Chairman - BoS
MCT - HiCET





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Department of Information Technology

Date: 18.05.2017

Action Taken Report on BoS

The meeting of Second Board of Studies of Regulation 2016 for the Department of Information Technology Undergraduate programme was conducted on 16.05.2017 at 11.00 A.M in the Video Conference Hall, Central Library.

(i) Syllabus Revision:

S. No	Subject in which revision has been done		Action taken	Percentage Syllabus Revised
1.	16MA3105	Discrete Mathematics and Graph Theory	Incorporated	48%
2	16IT3201	Digital Principles and System Design	Modified	20%
3	16IT3202	Data Structures	Incorporated	20%
4	16IT3203	Database Management Systems	Modified	5%
5	16IT3204	Operating System	Modified	25%
6	16IT3001	Data Structures Laboratory	Incorporated	50%
7	16IT3002	Operating Systems Laboratory	Modified	10%
8	16IT3003	Database Management Systems Laboratory	Modified	20%
9	16MA4108	Probability And Queuing Theory	Modified	5%
10	16IT4201	Java Programming	Modified	30%
11	16IT4202	Design and Analysis of Algorithm	Incorporated	20%
12	16IT4203	Software Analysis and Design	Incorporated	25%
13	16IT4204	Computer Architecture	Incorporated	20%
14	16IT4205	Information Theory and Coding Techniques	Modified	30%
15	16IT4001	Java Programming Laboratory	Modified	10%
16	16IT4002	Algorithms Lab	Modified	30%
17	16IT4003	Case Tools Lab	Incorporated	20%
18	16HE1101R	Essential English for Engineers-I	Modified	70%
19	16HE2102R	Essential English for Engineers - II	Modified	70%

Overall Percentage of syllabus revision made in the BoS : 41.67 %

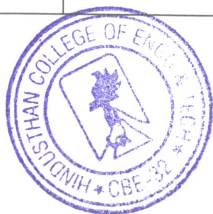


(ii) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1	2016	16IT3001 - Data Structures Laboratory	2
2	2016	16IT3002 - Operating Systems Laboratory	2
3	2016	16IT3003 - Database Management Systems Laboratory	2
4	2016	16IT3201 - Digital Principles And System Design	4
5	2016	16IT3202 - Data Structures	3
6	2016	16IT3203 - Database Management Systems	3
7	2016	16IT3204 - Operating Systems	3
8	2016	16IT4001 - Java Programming Laboratory	2
9	2016	16IT4002 - Algorithms Lab	2
10	2016	16IT4003 - Case Tools Lab	2
11	2016	16IT4201 - Java Programming	3
12	2016	16IT4202 - Design and Analysis of Algorithm	3
13	2016	16IT4203 - Software Analysis and Design	3
14	2016	16IT4204 - Computer Architecture	3
15	2016	16IT4205 - Information Theory and Coding Techniques	3

iii) Syllabus related Recommendations:

S. No	Suggestions given by BoS experts	Action taken
1.	In 3rd Semester, Experts suggested to shuffle the units in '16IT3202 - Data Structure' and also recommended to move few topics to '16IT4202 -Design and Analysis of Algorithms' in 4th Semester.	Incorporated
2.	Suggested to remove database security concepts from '16IT3203 - Database Management Systems' and move it to '16IT5XXX-Information Security' in V Semester.	Modified
3.	In '16IT3204 -Operating Systems', Suggestions have been given to modify the content of Unit 5 with IO systems and different types of OS.	Modified
4.	In '16IT3002 -Operating Systems Lab', Suggestions have been given to move the IPC concepts to Network lab and Thread concept to Java lab. Skeleton OS software shall be used to test the OS concepts.	Modified
5.	In '16IT4203 -Software Analysis and Design', Suggestions have been given to remove the existing Unit 1 content and include Process models in Software Engineering as Unit 1. In addition, BoS Members suggested to remove 5th Unit content and Cover OOAD concepts in Unit 4 and 5.	Incorporated
6.	In '16IT4204-Computer Architecture', Members suggested to include "Multicore Processor and Instruction Level Parallelism" concepts in Unit 4	Modified
7.	In '16IT4001-Java Programming Laboratory', Members suggested to include Swing Concept and mini project	Will be considered in future



The following recommendations given by stakeholders are considered and incorporated.

- Wi-Fi facilities to be provided to the students to empower students in learning process.
- More weightage to be given for practical sessions in the timetable.

iii) General Recommendations:

S.No	Suggestion given in the BoS experts	Action taken
1	Suggested to include 'Common to IT and CSE' caption if the particular subject is common/shared by two departments	Incorporated



**Chairman
Board of Studies**

**Chairman - BoS
IT - HiCET**





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Department of Electrical and Electronics Engineering

Date: 21.05.2017

Action taken report on BoS

Action taken report for the Second Board of Studies meeting for ME Electrical and Electronics Engineering Postgraduate programme of Regulation 2016 for the academic year 2017-2018 was conducted on 19.05.17 at 10.45 AM in the Central Library

New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1.	2016	16AP3201- Computer Architecture and Parallel Processing	3
	2016	16AP3001-Electronics System Design Laboratory	2
2.	2016	16AP3301- Testing of VLSI Circuits	3
3.	2016	16AP3302- Photonics	3
4.	2016	16AP3303- Nano Electronics	3
5.	2016	16AP3304- Internetworking and Multimedia	3
6.	2016	16AP3305 -ASIC Design	3
7.	2016	16AP3306- Robotics	3
8.	2016	16AP3307- MEMS and NEMS	3
9.	2016	16AP3308- System on Chip Design	3
10.	2016	16AP3309- Wireless Adhoc and Sensor Networks	3
11.	2016	16AP3310- Applied Medical Image Processing	3



12	2016	16AP3901-Project Phase - I	6
13	2016	16AP4902-Project Phase - II	12

General Recommendations:

BOS Members Suggestions			
Subject Name	Suggestions	Explanation / Action Taken	Remarks
For I - II Semester subjects	The curriculum and syllabus of these semester were reviewed and accepted without any changes	nil	



Chairman

Board of Studies

**Chairman - BoS
EEE - HiCET**





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Department of Electronics and Communication Engineering

Date: 30.5.17

Action Taken Report on BoS

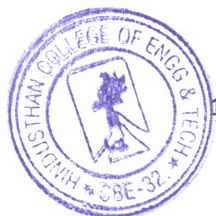
The Second Board of Studies meeting of Regulation 2016 for the academic year 2017-18 was conducted on 18.5.2017 at 10.30 am for the post graduate course ME CS in Hindusthan College of Engineering and Technology in the Boardroom.

(i) Syllabus related Recommendations:

S. No	Suggestions given by BoS experts	Action taken
1.	Change the title of Communication System design Laboratory II as Algorithms and Simulation Lab and Communication System design Laboratory I as Communication System design Laboratory	Incorporated
2.	Few topics in the syllabus of the subject 16CA4202 Embedded systems for MCA and the subject code was changed to 16CM4321	Incorporated
3.	Include text books for Lab courses	Incorporated
4.	Increase the number of professional electives.	Incorporated

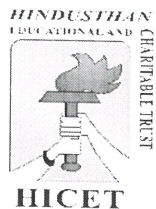
General Recommendations:

S.No.	Suggestion given in the BoS experts	Action taken
1	Use blooms taxonomy while framing the courser outcomes.	Considered
2	To have 5 to 6 course outcomes for theory subjects.	Considered




Chairman
Board of Studies

**Chairman - BoS
ECE - HICET**



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Department of Computer Science and Engineering

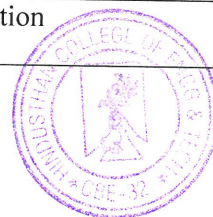
Date: 30.05.2017

Action taken report on BoS

Action taken report for the Second Board of Studies meeting for ME Computer Science and Engineering Postgraduate programme of Regulation 2016 for the academic year 2017-2018 was conducted on 19.05.17 at 11.30 AM in the video conference Hall, Central library.

New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1.	2016	16CP3201-Software Process and Project Management	4
2.	2016	16CP3202-Internet of Things	3
4.	2016	16CP3301-Social Network Analysis	3
5	2016	16CP3302-Managing Big Data	3
6.	2016	16CP3303-Model Checking and Program Verification	3



6.	2016	16CP3304-Medical Image Processing	3
7.	2016	16CP3305-Software Design	3
8.	2016	16CP3306-Multi Objective Optimization Techniques	3
9.	2016	16CP3307-Information Storage Management	3
10.	2016	16CP3308-Software Quality Assurance	3
11.	2016	16CP3309-Green Computing	3
12.	2016	16CP3310-Reconfigurable Computing	3
13	2016	16CP3901-Project Phase - I	6
14	2016	16CP3902-Project Phase - II	12
15	2016	16CPX401-Mobile Application Development	3
16	2016	16CPX402-Data Mining Techniques	3

General Recommendations:

BOS Members Suggestions			
Subject Name	Suggestions	Explanation / Action Taken	Remarks
For I - IV Semester	The curriculum and syllabus of I and IV semester were reviewed and accepted without any changes.	nil	



J. S. H.
Chairman

Board of Studies

Chairman, BOS
CSE - 11-12



Hindusthan College of Engineering and Technology

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Department of Mechanical Engineering

12.06.2017

Action Taken Report on BoS

Action taken report for the Board of Studies meeting (Regulation 2016 PG – ME CAD/CAM) conducted for the Academic Year: 2017 - 2018 on 05.06.2017 at 10.30 am in the Video Conference Hall, Central Library

(i) Syllabus Revision:

S. No	Subject in which revision has been done		Action taken	Percentage Syllabus Revised
1.	16CC3308	Optimization Techniques in Design	Incorporated	18%
2.	16CC3304	Nano Technology	Modified	10%
3.	16CC3307	Design and Analysis of Experimental	Incorporated	15%
4.	16CCX401	Micro Electro Mechanical Systems	Modified	10%
5.	16CCX402	Quality Management Techniques	Incorporated	10%

Overall Percentage of syllabus revision made in the BoS : 12.6%

(ii) New courses Introduced: Regulation 2016

S.No.	Course code	Course code with name	Credits
1	16CC3301	Enterprise Resource Planning	3
2	16CC3302	Industrial Safety Management	3
3	16CC3303	Reliability in Engineering Systems	3
4	16CC3304	Nano Technology	3
5	16CC3305	Vibration Analysis and Control	3
6	16CC3306	Supply Chain Management	3
7	16CC3307	Design and Analysis of Experiments	3
8	16CC3308	Optimization Techniques in Design	3
9	16CC3901	Project Work (Phase I)	6
10	16CC4902	Project Work (Phase II)	12
11	16CCX401	Micro Electro Mechanical Systems	3
12	16CCX402	Quality Management Techniques	3



(i) Syllabus related Recommendations:

S.No.	Suggestion given by BOS Committee Experts	Action Taken	Remarks
1	'16CC3302 Industrial Safety Management' Subject Categories the Indian Safety acts like environmental protection act - Electricity act - Explosive act.	Suggestions passed on to the standing committee	Suggestion Approved
2	'16CC3304 Nano Technology' subject add Mechanical, Magnetic and thermal properties.	Suggestions passed on to the standing committee	Suggestion Approved
3	'16CC3307 Design and Analysis of Experiments' subject add Taguchi Methods.	Suggestions passed on to the standing committee	Suggestion Approved



Chairman

Board of Studies

Chairman - BoS
MECH - HICET





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Department of Electronics and Communication Engineering

Date: 30.5.17

Action Taken Report on BoS

The Second Board of Studies meeting of Regulation 2016 (Revised) for the academic year 2017-18 was conducted on 18.05.17 for the post graduate programme ME ECE at Hindusthan College of Engineering and Technology in the Board room

Syllabus related Recommendations:

S. No	Suggestions given by BoS experts	Action taken
1	Include text books for Lab courses	Incorporated
2	Increase the number of professional electives.	Incorporated

General Recommendations:

S.No.	Suggestion given in the BoS experts	Action taken
1	Use blooms taxonomy while framing the courser outcomes.	Considered
2	To have 5 to 6 course outcomes for theory subjects.	Considered

Chairman

Board of Studies

**Chairman - BoS
ECE - HICET**





Hindusthan College of Engineering And Technology
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Othakalmandapam Post, Coimbatore

Department of Management Sciences (MBA)

Date:24.05.2017

Action Taken Report on BoS

The meeting of Second Board of Studies of Regulation R 2016 for the Department of Management Sciences Post graduate program was conducted on 19.05.2017 at 2.00 am in the Video Conference Hall, Central Library.

The following subjects were revised and introduced

Sl.No	Regulation	Course code with name	Credits
1	2016	16BA3201-Strategic Management	3
2	2016	16BA3202-Entrepreneurship Development	3
3	2016	16BA3701-Business Plan Development	1
4	2016	16BA3702-Professional Research Publication	1
5	2016	16BA3703-Business Consultancy	1
6	2016	16BA3704-Case Analysis and Report Writing	1
7	2016	16BA3705 Summer Internship Training	2
8	2016	16BA4201-International Business Management	3
9	2016	16BA4202-Indian Ethos and Values	3
10	2016	16BA4901-Project	12
11	2016	16BA3301-Consumer Behaviour & Marketing Research	3
12	2016	16BA3302-Brand Management	3
13	2016	16BA3303-Retail Management	3
14	2016	16BA3304-Services Marketing	3
15	2016	16BA3305-Integrated Marketing Communication	3
16	2016	16BA3306-Investment Management	3
17	2016	16BA3307-Merchant Banking and Financial Services	3
18	2016	16BA3308-International Trade Finance	3



19	2016	16BA3309-International Financial Management	3
20	2016	16BA3310-Banking Financial Services Management	3
21	2016	16BA3311-Industrial Relations & Labour Welfare	3
22	2016	16BA3312-Global Workforce Management	3
23	2016	16BA3313-Learning and Development	3
24	2016	16BA3314-Organizational Change and Development	3
25	2016	16BA3315-Performance Management	3
26	2016	16BA3316-Project Management	3
27	2016	16BA3317-Technology Management & IPR	3
28	2016	16BA3318-Product Design & Development	3
29	2016	16BA3319-Lean Six Sigma	3
30	2016	16BA3320-Services Operations Management	3
31	2016	16BA3321-Knowledge Management System	3
32	2016	16BA3322-E-Commerce Management	3
33	2016	16BA3323-Enterprise Resource Planning	3
34	2016	16BA3324-Management Information System	3
35	2016	16BA3325-Business Analytics	3
36	2016	16BA3326-Store Keeping and Warehousing	3
37	2016	16BA3327-Purchasing and Inventory Management	3
38	2016	16BA3328-Export Trade and Documentation	3
39	2016	16BA3329-Transportation and Distribution management	3
40	2016	16BAX401-Principles of Management	3
41	2016	16BAX402-Economics and Accounting for Engineers	3
42	2016	16BAX403-Marketing Management for Engineers	3
43	2016	16BAX404-International Marketing	3
44	2016	16BAX405-Brand Management	3
45	2016	16BAX406-Investment Management	3
46	2016	16BAX407-Banking Financial Services Management	3
47	2016	16BAX408-Global Workforce Management	3



48	2016	16BAX409-Learning and Development	3
49	2016	16BAX410-Technology Management & IPR	3
50	2016	16BAX411-E-Commerce Management	3
51	2016	16BAX412-Business Analytics	3
52	2016	16BAX413-Store Keeping and Warehousing	3
53	2016	16BAX414-Purchasing and Inventory Management	3
54	2016	16BAX415-Export Trade and Documentation	3
55	2016	16BAX416-Transportation and Distribution management	3

General Recommendations:

Sl.No	Suggestion given in the BoS experts	Action taken
1	Industry Insight can be evaluated by industry experts	Considered



[Handwritten Signature]
Chairman

Board of Studies

**Chairman - BoS
MBA - HiCET**



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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Date: 15.06.2017

Action Taken Report on BoS

The Board of studies meeting of the Department Computer Applications was conducted on 12.06.2017. The Board of studies members Reviewed Regulation 2016, Curriculum and Syllabus 2016 of Computer Applications for the academic year 2017 - 2018. This report consolidates the findings of the panel and the suggestions and area of improvements possible in the future put forth by the panel.

(i) **Syllabus Revision**

S.NO	Course Code	Course Name	Percentage of Revision
1	16CA3204	Computer Graphics and Multimedia	60%
2	16CA3003	Computer Graphics and Multimedia Lab	25%
3	16CA4202	Network Programming	30%
4	16CA4002	Network Programming Lab	58%

Overall Percentage of syllabus revision made in the BoS :18.1 %

(ii) **New courses Introduced:**

S.NO	Regulation	Course code with Name	Credits
1	2016	16CA3201-Computer Networks	3
2	2016	16CA3202 - Compiler Design and Analysis	3
3	2016	16CA3203 - Java Programming	3
4	2016	16CA3204-Computer Graphics and Multimedia	3
5	2016	16CA3001-Software Engineering Tools Laboratory	2
6	2016	16CA3002 - Java Programming Laboratory	2
7	2016	16CA3003-Computer Graphics and Multimedia Laboratory	2
8	2016	16CA3004-Career & Soft Skill Development - I	1
9	2016	16CA4201-Operation Research	4
10	2016	16CM4321-Embedded Systems	3

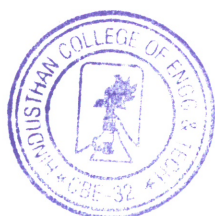


11	2016	16CA4202-Network Programming	3
12	2016	16CM4001-Embedded Systems Laboratory	2
13	2016	16CM4002-Network Programming Laboratory	2
14	2016	16CA4003-Career & Soft Skill Development - II	1
15	2016	16CA4701 - Technical Seminar/Technical Publications	2
5	2016	16CA4301 - TCP/IP	3
6	2016	16CA4302 - Software Project Management	3
7	2016	16CA4303 - Software Testing	3
8	2016	16CA4304 - Software Quality Management	3
9	2016	16CA4305 - Cyber Security	3
10	2016	16BA4352 - Accounting and Financial Management	3

The following recommendations given by stakeholders are considered and incorporated.

1. Planned to conduct new web technology related concepts in syllabus to be included, various frameworks can be incorporated.
2. More technical sessions to be conducted for improve the technical skill.
3. Digital forensics, cyber security type paper to be included in the curriculum

S. No	Suggestion given by BOS experts	Action Taken
1.	Suggested to remove Accounting and Financial Management paper from 3 rd semester	Incorporated
2.	Suggested to include Probability and Statistics paper	Not Incorporated
3.	Suggested to include generic examples under Java Programming Laboratory	Incorporated
4.	Suggested to include the required software tools for all laboratory papers	Incorporated
5.	Network security-based papers were suggested to be included under electives	Incorporated



(Handwritten Signature)
Chairman
Board of Studies

Chairman - BoS
MCA - HICET