

Department of Science and Humanities

Date: 02.04.2018

Action Taken Report on BoS

The meeting of the Third Board of Studies of Regulation 2016 for the Department of Science and Humanities was conducted on 8.03.2018 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 Revision made
1	16PH1101-Engineering Physics- UNIT – IV -The word ultrasonic is include in front of Production.(EEE)	Modified	4%
2	16PH2102 Physics of materials – UNIT – II (EEE)	Modified	4%

Overall Percentage of Revision Carried out in BoS 7.4%

The following recommendations given by stakeholders are considered and incorporated.

1. Career development courses may be introduced from the first year itself.
2. Few topics may be reduced in physics as the content is heavy and difficult to adapt.

General Recommendations:

S.No	Suggestion given in the BoS experts	Action taken
1	. There can be at least 4 mathematics courses to every engineering discipline.	Considered
2	Latest Edition Text and Reference books may be recommended	Considered



Learn

Chairman
Board of Studies

Dr. R. 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
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Othakalmandapam Post, Coimbatore – 641 032

Department of Aeronautical Engineering

Date: 02.04.2018

Action Taken Report on BoS

The meeting of Third Board of Studies of Regulation 2016 for the Department of Aeronautical Engineering Undergraduate programme was conducted on 03.03.2018 at 9.30 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	16AE5201-Aircraft Performance	Incorporated	20%
2	16AE5202- High Speed Aerodynamics	Modified	15%
3	16AE5203-Aircraft Structures	Modified	20%
4	16AE5204 Advanced Propulsion	Modified	25%
5	16AE5205- Aircraft General Engineering Maintenance and practice	Modified	25%
6	16AE5002-Propulsion laboratory	Modified	25%
7	16AE5001-Aircraft Structures laboratory	Modified	20%
8	16AE5301- Aircraft materials and processes	Modified	40%
9	16AE5302- Heat Transfer	Modified	5%
10	16AE5303- Boundary layer Theory	Modified	10%
11	16AE5304- Principles of Management	Modified	5%
12	16AE6201- Aircraft stability and control	Modified	30%

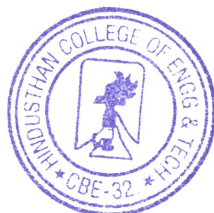


13	16AE6202- Finite Element Methods in Engineering	Incorporated	15%
14	16AE6203- Composite Materials and Structures	Modified	25%
15	16AE6001- Aircraft Design Project	Modified	10%
16	16AE6002- Computer Aided Simulation Laboratory	Incorporated	15%
17	16AE6003- Aircraft Systems Laboratory	Incorporated	5%
18	16AE6301- Theory of Elasticity	Modified	20%
19	16AE6302- Introduction to Cryogenics	Modified	25%
20	16AE6303- Wind tunnel techniques	Modified	20%
21	16AE6304- Aero Engine Maintenance and Repair	Modified	30%
22	16AE6401- Introduction to Flight	Modified	15%

Overall Percentage of syllabus revision made in the BoS: 29.31 %

(ii) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1	2016	16AE5001-Aircraft Structures Laboratory	2
2	2016	16AE5002-Propulsion Laboratory	2
3	2016	16AE5201-Aircraft Performance	3
4	2016	16AE5202-High Speed Aerodynamics	4
5	2016	16AE5203-Aircraft Structures	4
6	2016	16AE5204-Advanced Propulsion	3
7	2016	16AE5205-Aircraft General Engineering Maintenance and practice	3
8	2016	16AE5301-Aircraft materials and processes	3
9	2016	16AE5302-Heat Transfer	3



10	2016	16AE5303-Boundary layer Theory	3
11	2016	16AE5304-Principles of Management	3
12	2016	16AE6001-Aircraft Design Project	2
13	2016	16AE6002-Computer Aided Simulation Laboratory	2
14	2016	16AE6003-Aircraft Systems Laboratory	2
15	2016	16AE6201-Aircraft stability and control	4
16	2016	16AE6202-Finite Element Methods in Engineering	3
17	2016	16AE6203-Composite Materials and Structures	3
18	2016	16AE6301-Theory of Elasticity	3
19	2016	16AE6302-Introduction to Cryogenics	3
20	2016	16AE6303-Wind tunnel techniques	3
21	2016	16AE6304-Aero Engine Maintenance and Repair	3
22	2016	16AE6401-Introduction to Flight	3
23	2016	16AE6801-Mini Project	3

The following recommendations given by stakeholders are considered and incorporated.

- Value added courses on CATIA have been introduced.
- Aptitude training, Communicative English classes to be provided to all students to perform well in the interviews




Chairman

Board of Studies
Chairman - BoS
AERO - HiCET

DEPARTMENT OF AUTOMOBILE ENGINEERING

Action Taken Report – Third Board of Studies meeting

Action taken report for the Board of Studies meeting conducted for the Academic Year: 2018-2019 on 10.03.2018 at 10.30 a.m. in the Automobile board room.

(i) Syllabus Revision

S. No	Subject in which revision has been done		Action taken	Percentage Syllabus Revised (%)
1	16AU5201	Vehicle Design and Data Characteristics	Incorporated	5
2	16AU5202	Automotive Transmission	Incorporated	15
3	16AU5203	Automotive Fuels and Lubricants	Modified	15
4	16AU5204	Design of Machine Elements	Incorporated	20
5	16AU5205	Automotive Engine Components Design	Modified	15
6	16AU5001	Computer Aided Engine and Chassis Design Laboratory	Incorporated	10
7	16AU5002	Automotive Fuels and Lubricants Laboratory	Incorporated	5
8	16AU5301	Fundamentals of Computational Fluid Dynamics	Incorporated	20
9	16AU5302	Automotive Air – Conditioning	Modified	25
10	16AU5303	Alternative Fuels and Energy System	Modified	25
11	16AU5304	Noise, Vibration and Harshness	Incorporated	30
12	16AU5305	Fuel Cell Technology	Modified	15
13	16AU5306	Metrology and Instrumentation	Modified	20
14	16AU6201	Finite Element Analysis	Incorporated	15
15	16AU6202	Automotive Chassis Components Design	Modified	20
16	16AU6204	Two and Three Wheeler Technology	Incorporated	15
17	16AU6001	Two and Three Wheelers Laboratory	Modified	20
18	16AU6301	Combustion Engineering	Incorporated	15
19	16AU6302	Rapid Prototyping, Tooling and Manufacturing	Incorporated	15
20	16AU6303	Robotics	Modified	30
21	16AU6304	Automotive Composite Materials	Modified	10
22	16AU6305	Manufacturing of Automotive Components	Incorporated	5
23	16AU6306	Computer Integrated Manufacturing Systems	Incorporated	20
24	16AU6401	Basics of Automobile Engineering	Modified	15

Overall Percentage of syllabus revision made in the BoS : 30.16 %



(ii) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1.	2016	16AU5001 Computer Aided Engine and Chassis Design Laboratory	2
2.	2016	16AU5002 Automotive Fuels and Lubricants Laboratory	2
3.	2016	16AU5201 Vehicle Design and Data Characteristics	3
4.	2016	16AU5202 Automotive Transmission	3
5.	2016	16AU5203 Automotive Fuels and Lubricants	3
6.	2016	16AU5204 Design of Machine Elements	3
7.	2016	16AU5205 Automotive Engine Components Design	3
8.	2016	16AU5301 Fundamentals of Computational Fluid Dynamics	3
9.	2016	16AU5302 Automotive Air – Conditioning	3
10.	2016	16AU5303 Alternative Fuels and Energy System	3
11.	2016	16AU5304 Noise, Vibration and Harshness	3
12.	2016	16AU5305 Fuel Cell Technology	3
13.	2016	16AU5306 Metrology and Instrumentation	3
14.	2016	16AU6204 Two and Three Wheeler Technology	2
15.	2016	16AU6001 Two and Three Wheelers Laboratory	2
16.	2016	16AU6002 Finite Element Analysis Laboratory	2
17.	2016	16AU6201 Finite Element Analysis	3
18.	2016	16AU6202 Automotive Chassis Components Design	3
19.	2016	16AU6203 Vehicle Dynamics	3
20.	2016	16AU6301 Combustion Engineering	3
21.	2016	16AU6302 Rapid Prototyping, Tooling and Manufacturing	3
22.	2016	16AU6303 Robotics	3
23.	2016	16AU6304 Automotive Composite Materials	3
24.	2016	16AU6305 Manufacturing of Automotive Components	3
25.	2016	16AU6306 Computer Integrated Manufacturing Systems	3
26.	2016	16AU6401 Basics of Automobile Engineering	3
27.	2016	16AU6801 Mini Project	3




The following recommendations given by stakeholders are considered and incorporated.

- Opportunities to be provided to students to expose them to latest developments and advancements by conducting symposium, National/ international conferences, Seminar, Webinar, Lecturers/Workshop/Exhibitions.
- Aptitude training, Communicative English classes to be provided to all students to perform well in the interviews.

General Recommendations:

Subject Name	Suggestions given in the BOS experts	Action Taken
Automotive Emission and Pollution control	Suggested to move the course to Professional elective	Suggestions Approved
Vehicle Design and Data Characteristics	Suggested to move the course to V semester.	
Computer Aided Engine and Chassis Design laboratory	Suggested to move the course to V semester.	
Vehicle Dynamics	Suggested to include in core course	
Finite Element Analysis Laboratory	Suggested to add course in higher semesters	
Problem solving on Python programming	Suggested to add instead of "Computer programming"	
Problem solving on Python programming lab	Suggested to add instead of "Computer programming lab"	


 Chairman
 Board of Studies
Chairman - BoS
AUTO - HICET



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Date: 23.03.2018

ACTION TAKEN REPORT ON BOS

Name of the Department: **CIVIL ENGINEERING**

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. 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:

.No.	Course Code	Course Title	Action Taken	Percentage Syllabus Revised
1	16CE5201	Structural Analysis I	Incorporated	22%
2	16CE5202	Design of RCC Elements	Modified	15%
3	16CE5203	Design of Steel Structures	Modified	30%
4	16CE5204	Water supply Engineering	Incorporated	30%
5	16CE5205	Foundation Engineering	Modified	15%
6	16CE5001	Soil Mechanics Laboratory	Incorporated	10%
7	16CE5002	Concrete and Highway Laboratory	Incorporated	5%
8	16CE5003	Survey Camp	Modified	80%
9	16CE6201	Structural Analysis II	Modified	20%
10	16CE6202	Design of RCC Structures	Incorporated	15%
11	16CE6203	Hydrology	Modified	10%
12	16CE6204	Wastewater Engineering	Modified	20%
13	16CE6001	Environmental Engineering Lab	Incorporated	5%
14	16CE6002	Design and Drawing- I (RCC & Steel)	Incorporated	10%
15	16CE5301	Advanced Surveying Techniques	Incorporated	20%
16	16CE5302	Remote Sensing and GIS	Modified	25%
17	16CE5303	Bridge Engineering	Incorporated	20%
18	16CE5304	Construction Planning and Scheduling	Incorporated	15%
19	16CE5305	Airports, Docks and Harbour Engineering	Incorporated	20%
20	16CE6301	Architecture	Incorporated	20%
21	16CE6302	Interior Design	Modified	30%
22	16CE6303	Urban Planning and Development	Modified	5%
23	16CE6304	Housing Planning and Management	Incorporated	15%
24	16CE6305	Engineering Economics and Cost Analysis	Incorporated	20%
25	16CE6401	Building Services	Incorporated	10%

Overall Percentage of syllabus revision made in the BoS: 30 %



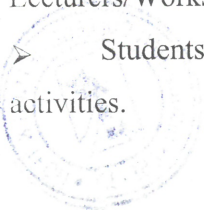
(ii) New courses Introduced:

S.No.	Regulation	Course code with name		Credits
1.	2016	16CE5201	Structural Analysis I	4
2.	2016	16CE5202	Design of RCC Elements	3
3.	2016	16CE5203	Design of Steel Structures	3
4.	2016	16CE5204	Water supply Engineering	3
5.	2016	16CE5205	Foundation Engineering	3
6.	2016	16CE5001	Soil Mechanics Lab	2
7.	2016	16CE5002	Concrete and Highway Laboratory	2
8.	2016	16CE5003	Survey Camp	1
9.	2016	16CE6201	Structural Analysis II	4
10.	2016	16CE6202	Design of RCC Structures	3
11.	2016	16CE6203	Hydrology	3
12.	2016	16CE6204	Wastewater Engineering	3
13.	2016	16CE6201	Structural Analysis II	4
14.	2016	16CE6202	Design of RCC Structures	3
15.	2016	16CE6203	Hydrology	3
16.	2016	16CE6204	Wastewater Engineering	3
17.	2016	16CE6001	Environmental Engineering Lab	2
18.	2016	16CE6002	Design and Drawing- I (RCC & Steel)	2
19.	2016	16CE5301	Advanced Surveying Techniques	3
20.	2016	16CE5302	Remote Sensing and GIS	3
21.	2016	16CE5303	Bridge Engineering	3
22.	2016	16CE5304	Construction Planning and Scheduling	3
23.	2016	16CE5305	Airports, Docks and Harbour Engineering	3
24.	2016	16CE6301	Architecture	3
25.	2016	16CE6302	Interior Design	3
26.	2016	16CE6303	Urban Planning and Development	3
27.	2016	16CE6304	Housing Planning and Management	3
28.	2016	16CE6305	Engineering Economics and Cost Analysis	3
29.	2016	16CE6401	Building Services	3

The following recommendations given by stakeholders are considered and incorporated.

➤ Opportunities to be provided to students to expose them to latest developments and advancements by conducting symposium, National/ international conferences, Seminar, Webinar, Lecturers/Workshop/Exhibitions.

➤ Students to be involved actively with various skill-oriented training and other activities.



(iii) General Recommendations:

S.No.	Suggestion given in the BoS experts	Action taken
1	Update the references with the latest edition	Incorporated

M.S.
Chairman

Board of Studies
Chairman - BoS
CIVIL - HICET



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Department of Computer Science and Engineering

Date: 09.03.2018

Action Taken Report on BoS

Action taken report for the Board of Studies meeting conducted for the Academic Year: 2018-2019 on 09.03.2018 at 02.30 p.m. in the Video Conference Hall, Central Library.

(i) Syllabus Revision:

S.No.	Course Code	Subject in which revision has been done	Action Taken	Percentage Syllabus Revised (%)
1.	16CS5201	Computer Networks	Incorporated	20
2	16CS5202	Free open source Software I	Incorporated	60
3	16CS5203	Computer Architecture	Modified	25
4	16CS5204	Theory of Computation	Incorporated	40
5	16CS5001	Networks Laboratory	Modified	5
6	16CS5002	Open source programming Laboratory	Modified	40
7	16CS5301	Advanced Java Programming	Modified	25
8	16CS5302	Visualization Techniques	Incorporated	80
9	16CS5303	Service Oriented Architecture	Modified	25
10	16CS5304	Information Storage Management	Incorporated	65
11	16CS5305	TCP/IP Principles and Architecture	Incorporated	80
12	16CS5306	System Software	Incorporated	20
13	16CS6201	Free open source Software II	Incorporated	70
14	16CS6202	Compiler Design	Incorporated	25
15	16CS6203	Internet of Things	Modified	40
16	16CS6204	Software Quality Assurance	Incorporated	50
17	16CS6001	Open Source programming Laboratory II	Modified	50
18	16CS6002	Compiler Design Laboratory	Modified	5
19	16CS6301	Enterprise Computing	Incorporated	60
20	16CS6302	Social Network Analysis	Incorporated	80
21	16CS6303	Embedded Systems	Modified	10
22	16CS6304	Total Quality Management	Modified	20
23	16CS6305	Network and routing protocols	Incorporated	20
24	16CS6306	Signals and systems	Modified	25
25	16PH1101	Engineering Physics	Modified	4
26	16PH2102	Physics of Materials	Modified	4

Overall Percentage of syllabus revision made in the BoS: 33.33%



The following recommendations given by stakeholders are considered and incorporated.

- Opportunities to be provided to students to expose them to latest developments and advancements by conducting symposium, National/ international conferences, Seminar, Webinar, Lecturers/Workshop/Exhibitions.
- More focus to be provided towards publications in reputed journal/book chapter/book volumes etc.,

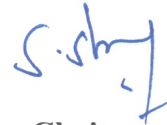
(ii) New courses Introduced:

S.No.	Regulation	Course Code with Name	Credits
1.	2016	16GE1004-Problem Solving and Python Programming Laboratory	3
2	2016	16GE1103-Problem Solving and Python Programming	2
3	2016	16CS2002-Programming in C and C++ Laboratory	2
4	2016	16CS2202-Programming in C and C++	3
5	2016	16CS5001-Networks Laboratory	2
6	2016	16CS5002-Open source programming Laboratory I	2
7	2016	16CS5201-Computer Networks	3
8	2016	16CS5202-Free open source Software I	3
9	2016	16CS5203-Computer Architecture	3
10	2016	16CS5204-Theory of Computation	3
11	2016	16CS5301-Advanced Java Programming	3
12	2016	16CS5302-Visualization Techniques	3
13	2016	16CS5303-Service Oriented Architecture	3
14	2016	16CS5304-Information Storage Management	3
15	2016	16CS5305-TCP/IP Principles and Architecture	3
16	2016	16CS5306-System Software	3
17	2016	16CS5701-Technical Presentation	2
18	2016	16CS6401-Programming Languages	3
19	2016	16CS6001-Open source programming Laboratory II	2
20	2016	16CS6002-Compiler Design Laboratory	2
21	2016	16CS6201-Free open source Software II	3
22	2016	16CS6202-Compiler Design	3
23	2016	16CS6203-Internet of Things	3
24	2016	16CS6204-Software Quality Assurance	3
25	2016	16CS6301-Enterprise Computing	3
26	2016	16CS6302-Social Network Analysis	3
27	2016	16CS6303-Embedded system	3
28	2016	16CS6304-Total Quality Management	3
29	2016	16CS6305-Network and routing protocols	3
30	2016	16CS6306-Signals and Systems	3
31	2016	16CS6801-Mini Project	3



General Recommendations:

Subject Name	Suggestions given in the BOS experts	Action Taken
Computer programming	Replaced with Problem Solving and Python Programming (lab component course)	Suggestions passed on to the standing committee
Object Oriented Programming with C++	Replaced with Programming in C and C++ (lab component course)	
Common Suggestion	Suggested to include the publication year of Text and Reference books in both the courses Problem Solving and Python Programming and Programming in C and C++.	



Chairman

Board of Studies

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CSE - HiCET**



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Department of Electrical and Electronics Engineering

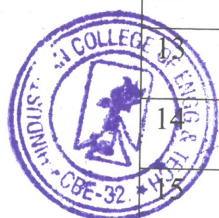
Date: 29.03.2018

Action Taken Report on BoS

The meeting of the Third Board of Studies of Regulation 2016 for the Department of Electrical and Electronics Engineering Undergraduate programme was conducted on 16.03.2018 at 10.45 am in the Video Conference Hall, Central Library.

Syllabus Revised and New Courses Introduced:

S.No.	Course Code	Course Title	Action Taken	Percentage Syllabus Revised
1	16EE5201	Design of Electrical Machines	Incorporated	20%
2	16EE5202	Discrete Time Systems and Signal Processing	Modified	25%
3	16EE5203	Microprocessors and Microcontrollers	Modified	30%
4	16EE5204	Control Systems	Incorporated	5%
5	16IT5231	Object Oriented Programming using Java	Incorporated	10%
6	16EE5001	Microprocessors and Microcontrollers Laboratory	Incorporated	20%
7	16EE5002	Control and Instrumentation Laboratory	Incorporated	10%
8	16IT5031	Object Oriented Programming Laboratory	Modified	20%
9	16EE5301	Power System Transients	Modified	10%
10	16EE5302	Fibre Optics and Laser Instruments	Incorporated	10%
11	16EE5303	High Voltage Engineering	Modified	5%
12	16EE5304	Principles of Management	Modified	20%
13	16EE6201	Power System Analysis	Incorporated	20%
14	16EE6202	Power Electronics	Incorporated	25%
15	16EE6203	Protection and Switchgear	Incorporated	20%
16	16EE6204	Embedded Systems	Modified	25%
17	16EE6001	Power System Simulation Laboratory	Modified	5%



18	16EE6002	Power Electronics Laboratory	Incorporated	5%
19	16EE6003	Circuits Design Laboratory	Incorporated	15 %
20	16EE6301	Power Quality	Modified	30%
21	16EE6302	Flexible AC Transmission Systems	Modified	30%
22	16EE6303	Software for Circuit Simulation	Modified	20%
23	16EE6304	Principles of Robotics	Incorporated	10%
24	16EE6401	Industrial Automation - PLC and SCADA	Incorporated	20%
25	16PH1101	Engineering Physics	Modified	4%
26	16PH2102	Physics of Materials	Modified	4%

Overall Percentage of syllabus revision made in the BoS: 25.42 %

The following recommendations given by stakeholders are considered and incorporated.

- Industrial experts/Academician from leading institutions to be invited and delivered special lecturers on current trends and technologies.
- More focus to be provided towards publications in reputed journal/book chapter/book volumes etc.,

Syllabus related Recommendations:

S. No.	Suggestions given by BoS experts	Action taken
1.	Introduction to Digital Controllers (Qualitative Treatment only) may be added in V unit of "16EE5204-Control Systems".	Introduced
2.	The experts suggested to add PWM generation using timer and counter in "16EE5001-Microprocessors and Microcontrollers Laboratory"	Included
3.	In "16EE5002-Control System and Instrumentation Laboratory" Experiment using optical transducer (LDR) may be introduced.	Introduced
4.	The following changes to be carried out in "16EE6201-Power System Analysis" a) In I-unit need for power system analysis in planning may be included. b) In IV- unit unsymmetrical faults may be eliminated. c) Include Classification of power system stability.	Suggestions Implemented
	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.	Suggestions Included
6.	In 16EE6202-Power Electronics, For including Higher Order Thinking a case study on "Design and Application of driver	Included



	circuits for power electronic devices (MOSFET / IGBT)” may be included in unit-5.	
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 ₆ MCB, MCCB and characteristics curves of MCB & MCCB.	Suggestions carried out
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.	Modified



[Handwritten Signature]
Chairman

Board of Studies

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Department of Electronics and Communication Engineering

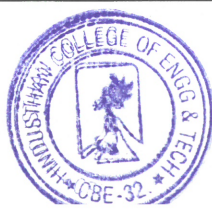
Date: 29.03.2018

Action Taken Report on BoS

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 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	16EC5201	Analog Communication	Incorporated	15%
2	16EC5202	Digital Signal Processing	Modified	30%
3	16EC5203	Data Communication and Networks	Modified	25%
4	16EC5204	Microprocessor and Microcontroller: Concepts and Applications	Incorporated	30%
5	16EC5205	Transmission Lines and Waveguides	Modified	20%
6	16EC5001	Digital Signal Processing Laboratory	Modified	5%
7	16EC5002	Microprocessors and Microcontrollers Laboratory	Modified	15%
8	16EC5301	Analysis and Design of Digital Integrated Circuits	Incorporated	30%
9	16EC5302	Computer Architecture and Organization	Modified	25%
10	16EC5303	Medical Electronics	Modified	15%
11	16EC5304	Principles of Management	Modified	20%
12	16EC5305	Professional Ethics	Incorporated	20%
13	16EC5306	TV and Video Engineering	Incorporated	10%
14	16EC6201	VLSI Design	Modified	5%
15	16EC6202	Digital Communication	Modified	30%
16	16EC6203	Digital Image Processing	Incorporated	20%
17	16EC6204	Antenna and Wave Propagation	Incorporated	15%
18	16EC6001	Analog and Digital Communication Lab	Modified	5%
19	16EC6002	VLSI Design Lab	Modified	5%
20	16EC6301	Advanced Microprocessors	Incorporated	20%
21	16EC6302	Cloud Computing	Incorporated	15%
22	16EC6303	Network Security	Modified	20%
23	16EC6304	Operating Systems	Modified	10%



24	16EC6305	PCB Design	Incorporated	25%
25	16EC6306	Wireless Sensors and Networks	Modified	15%
26	16EC6401	Consumer Electronics	Modified	25%

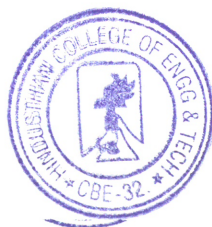
Overall Percentage of syllabus revision made in the BoS: 32.26%

(ii) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1.	2016	16EC5201-Analog Communication	3
2.	2016	16EC5202-Digital Signal Processing	4
3.	2016	16EC5203-Data Communication and Networks	4
4.	2016	16EC5204-Microprocessors and Microcontrollers: Concepts and Applications	3
5.	2016	16EC5205-Transmission Lines and Waveguides	4
6.	2016	16EC5301-Analysis and Design of Digital Integrated Circuits	3
7.	2016	16EC5302-Computer Architecture and Organization	3
8.	2016	16EC5303-Medical Electronics	3
9.	2016	16EC5304-Principles of Management	3
10.	2016	16EC5305-Professional Ethics	3
11.	2016	16EC5306-TV and Video Engineering	3
12.	2016	16EC5001-Digital Signal Processing Laboratory	2
13.	2016	16EC5002-Microprocessors and Microcontrollers Laboratory	2
14.	2016	16EC6201-VLSI Design	3
15.	2016	16EC6202-Digital Communication	3
16.	2016	16EC6203-Digital Image Processing	3
17.	2016	16EC6204-Antenna and Wave Propagation	4
18.	2016	16EC6301-Advanced Microprocessors	3
19.	2016	16EC6302-Cloud Computing	3
20.	2016	16EC6303-Network Security	3
21.	2016	16EC6304-Operating Systems	3
22.	2016	16EC6305-PCB Design	3
23.	2016	16EC6306-Wireless Sensors and Networks	3
24.	2016	16EC6401-Consumer Electronics	4
25.	2016	16EC6001-Analog and Digital Communication Lab	2
26.	2016	16EC6002-VLSI Design Lab	2
27.	2016	16EC6801-Mini Project	2

The following recommendations given by stakeholders are considered and incorporated.

- Industrial experts/Academician from leading institutions to be invited and delivered special lecturers on current trends and technologies.



- More focus to be provided towards publications in reputed journal/book chapter/book volumes etc.,

Syllabus related Recommendations:

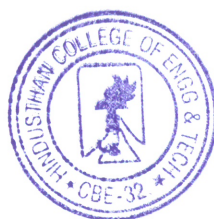
S. No	Suggestions given by BoS experts	Action taken
1.	To include Higher order thinking (water level indicator / Zigbee interfacing / Soil moisture content measurement/ultrasonic distance measurement) included in Vth unit of the subject 16EC5204-Microprocessors and Microcontrollers.	Incorporated
2.	Corrections to be made in the syllabus of the subject 16EC6201-'VLSI Design'	Modified
3.	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'	Incorporated
4.	Instructional hours can be varied according to the weightage of the unit.	Considered
5.	Include a few topics in the subject 16EC5201 -Analog Communication.	Incorporated
6.	Rename 16EC5204 - Principles of Microprocessors and Microcontrollers as 16EC5203-Principles of Microprocessors and Microcontrollers	Considered
7.	Combine 16EC5204-Data Communication and Networks and 16EC5003-Data Communication and Networks Lab as a single course.	Incorporated
8.	Include a few topics in the subject 16EC6201-VLSI Design	Incorporated

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Board of Studies

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ECE - HICET**



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Date: 29.03.2018

Action Taken Report on BoS

The meeting of the Third Board of Studies of Regulation 2016 for the Department of Electronics and Instrumentation Engineering Undergraduate programme was conducted on 12.03.2018 at 12 p.m. in the Video Conference Hall, Central Library.

Syllabus Revision:

(i) Syllabus Revision:

S. No	Subject in which revision has been done	Action taken	Percentage Syllabus Revised
1.	16EI5201- Industrial Instrumentation– II	Incorporated	20%
2.	16EI5202- Analytical Instrumentation	Modified	25%
3.	16EI5203- Microprocessors and Microcontrollers	Included	25%
4.	16EI5204- Control Systems	Modified	20%
5.	16EI5001- Microprocessors and Microcontrollers Laboratory	Modified	40%
6.	16EI5002- Industrial Instrumentation Laboratory	Modified	25%
7.	16IT5231- Object Oriented Programming Using Java	Incorporated	15%
8.	16IT5031- Object Oriented Programming Laboratory	Modified	5%
9.	16EI5301- Thermal Power Plant Instrumentation	Included	30%
10.	16EI5302- Digital System Design	Modified	20%
11.	16EI5303- Digital Image Processing	Incorporated	20%
12.	16EI5304- Communication Engineering	Modified	20%
13.	16EI6201- Process Control	Included	25%
14.	16EI6202- Applied VLSI Design	Incorporated	20%
15.	16EI6203- Discrete Time and Signal Processing	Modified	30%
16.	16EI6204- Embedded Systems	Included	25%
17.	16EI6001- Process Control Laboratory	Modified	35%
18.	16EI6002- Virtual Instrumentation Laboratory	Incorporated	20%
19.	16EI6301- Industrial Electronics	Modified	25%
20.	16EI6302- Biomedical Instrumentation	Included	25%
21.	16EI6303- Advanced Control Theory	Incorporated	20%
22.	16EI6304- Instrumentation in Petrochemical Industries	Modified	25%
23.	16EI6401- Neural Networks and Fuzzy Systems	Included	25%

The following recommendations given by stakeholders are considered and incorporated.

- Value added courses on Industrial Networking and Controllers has been introduced.
- Internship training to be monitored and performances are received from Industry.

Overall Percentage of syllabus revision made in the BoS: 37.29 %

(ii) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1.	2016	16EI5301- Thermal Power Plant Instrumentation	3
2.	2016	16EI5001- Microprocessors and Microcontrollers Laboratory	2
3.	2016	16EI5002- Industrial Instrumentation Laboratory	2
4.	2016	16EI5201- Industrial Instrumentation – II	3
5.	2016	16EI5202- Analytical Instrumentation	3
6.	2016	16EI5203- Microprocessors and Microcontrollers	3
7.	2016	16EI5204- Control Systems	4
8.	2016	16EI5302- Digital System Design	3
9.	2016	16EI5303- Digital Image Processing	3
10.	2016	16EI5304- Communication Engineering	3
11.	2016	16EI6201- Process Control	4
12.	2016	16EI6701 – Technical Seminar	1
13.	2016	16EI6202- Applied VLSI Design	3
14.	2016	16EI6001- Process Control Laboratory	2
15.	2016	16EI6002- Virtual Instrumentation Laboratory	2
16.	2016	16EI6202- Applied VLSI Design	3
17.	2016	16EI6203- Discrete Time and Signal Processing	3
18.	2016	16EI6204- Embedded Systems	3
19.	2016	16EI6301- Industrial Electronics	3
20.	2016	16EI6302- Biomedical Instrumentation	3
21.	2016	16EI6303- Advanced Control Theory	3
22.	2016	16EI6304- Instrumentation in Petrochemical Industries	3
23.	2016	16EI6401- Neural Networks and Fuzzy Systems	3



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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: 2018-2019 on 09.03.2018 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.	16ME5201	CAD/CAM	Incorporated	20
2	16ME5202	Heat and Mass Transfer	Modified	10
3	16ME5203	Dynamics of Machines	Modified	18
4	16ME5204	Design of Machine Elements	Incorporated	20
5	16ME5205	Automobile Engineering	Modified	5
6	16ME5001	CAD/CAM Laboratory	Incorporated	20
7	16ME5002	Thermal Engineering Laboratory-II	Incorporated	15
8	16ME5003	Dynamics Lab	Incorporated	5
9	16ME5301	Advanced Foundry Technology	Modified	10
10	16ME5302	Metal Forming Processes	Modified	20
11	16ME5303	Unconventional Machining Processes	Incorporated	15
12	16ME5304	CNC Technology	Incorporated	25
13	16ME5305	Advanced Welding Technology	Modified	28
14	16ME6201	Finite Element Analysis	Modified	25
15	16ME6202	Metrology and Quality Control	Incorporated	15
17	16ME6204	Design of Transmission System	Incorporated	10
18	16ME6001	Simulation and Analysis Lab	Incorporated	5
19	16ME6002	Metrology Lab	Modified	10
20	16ME6301	Refrigeration and Air Conditioning	Incorporated	25
21	16ME6302	Advanced I.C. Engines	Incorporated	10

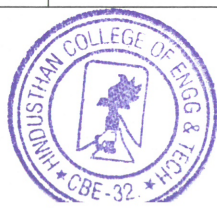


S. No	Subject in which revision has been done		Action taken	Percentage Syllabus Revised (%)
22	16ME6303	Design of Heat Exchangers	Modified	20
23	16ME6304	Gas Dynamics and Jet Propulsion	Incorporated	20
24	16ME6305	Computational Fluid Dynamics	Modified	15
25	16ME6401	Rapid Prototyping and Lean Manufacturing	Incorporated	20

Overall Percentage of syllabus revision made in the BoS: 25.40 %

(ii) New courses Introduced:

S.No.	Regulation	Course code with name		Credits
1.	2016	16ME5001	CAD/CAM Lab	2
2.	2016	16ME5002	Thermal Engineering Lab-II	2
3.	2016	16ME5003	Dynamics Lab	2
4.	2016	16ME5201	CAD/CAM	3
5.	2016	16ME5202	Heat and Mass Transfer	3
6.	2016	16ME5203	Dynamics of Machines	3
7.	2016	16ME5204	Design of Machine Elements	3
8.	2016	16ME5205	Automobile Engineering	3
9.	2016	16ME5301	Advanced Foundry Technology	3
10.	2016	16ME5302	Metal Forming Processes	3
11.	2016	16ME5303	Unconventional Machining Processes	3
12.	2016	16ME5304	CNC Technology	3
13	2016	16ME5305	Advanced Welding Technology	3
14	2016	16ME6001	Simulation and Analysis Lab	3
15	2016	16ME6002	Metrology Lab	2
16	2016	16ME6003	Design and Fabrication Project	2
17	2016	16ME6201	Finite Element Analysis	3
18	2016	16ME6202	Metrology and Quality Control	3
19	2016	16ME6203	Hydraulic and Pneumatic Controls	3
20	2016	16ME6204	Design of Transmission Systems	3
21	2016	16ME6301	Refrigeration and Air Conditioning	3
22	2016	16ME6302	Advanced I.C. Engines	3
23	2016	16ME6303	Design of Heat Exchangers	3
24	2016	16ME6304	Gas Dynamics and Jet Propulsion	3



25	2016	16ME6305	Computational Fluid Dynamics	3
26	2016	16ME6401	Rapid Prototyping and Lean Manufacturing	3

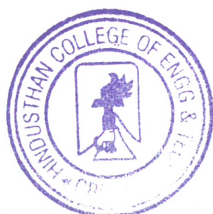
The following recommendations given by stakeholders are considered and incorporated.

1. Students are actively involved with various skill-oriented training and club related activities.
2. UNIGRAPHICS offered as a Value added course for the students to excel in their domain.

General Recommendations:

BOS Members Suggestions			
Subject Name	Suggestions	Explanation / Action Taken	Remarks
16ME5201- CAD/CAM	Suggested that subject syllabus can be simplified.	Suggestions passed on to the standing committee	Suggestions Approved
16ME6201- FEA	Suggested that, Unit-III title shall be named as “vector variable problems”.		
Simulation and Analysis Lab	Suggested that software commercial name should not be mentioned.		
16ME5204 - Design of Machine Elements	Suggested to change the topic ‘Optimization of helical spring’ as ‘Design of Helical Spring’.		
16ME6204 - Design of Transmission Systems	Suggested to modify unit titles as ‘Design of spur gears’ and ‘Design of Bevel gears’.		
16ME6202- Metrology and Quality control	Suggested that, “Control chart for variables” topic shall be included.		
16ME5205 - Automobile Engineering	Suggested that, Latest edition text book shall be included.		
Common Suggestion	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.		


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Department of Mechatronics Engineering

Date: 25.03.2018

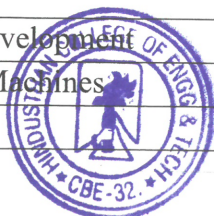
Action Taken Report on BoS

The meeting of Third Board of Studies of Regulation 2016 for the Department of Mechatronics Engineering Undergraduate programme was conducted on 10.03.2018 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	16MT5201 - CAD/CAM & CIM	Included	20%
2	16MT5202 - Industrial Electronics and Control	Modified	25%
3	16MT5203- Fluid Power	Modified	15%
4	16MT5204 - Embedded System Design	Modified	20%
5	16MT5001 - CAD/CAM/CAE Laboratory	Modified	25%
6	16MT5002 - Fluid Power Laboratory	Modified	5%
7	16MT5301- Non-Traditional Machining Techniques	Modified	25%
8	16MT5302 - Discrete Event System Simulation	Included	25%
9	16MT5303 - Materials Sciences and Applications	Modified	40%
10	16MT5304 - Automobile Systems	Included	25%
11	16MT5305 - Process Control Instrumentation Technology	Modified	20%
12	16MT6201 - Industrial Automation and Control	Modified	40%
13	16MT6202 - Virtual Instrumentation and Human Machine Interface	Included	40%
14	16MT6203 - Vetronics	Modified	20%
15	16MT6001 - Industrial Automation and Control Laboratory	Modified	15%
16	16MT6301 - Flexible Manufacturing System	Modified	20%
17	16MT6302 - Principles of Management	Included	25%
18	16MT6303 - Diagnostic Techniques	Modified	15%
19	16MT6304 - Product Design and Development	Modified	25%
20	16MT6305 - Distinctive Electrical Machines	Included	20%
21	16MT6306- Medical Mechatronics	Included	20%

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22	16MT6401 - Industrial Safety and Environment	Modified	25%
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Overall Percentage of syllabus revision made in the BoS: 33.33 %

(ii) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1.	2016	16MA5309-Probability and statistics	3
2.	2016	16MA6111-Operations research	4
3.	2016	16MT5001-CAD/CAM/CAE Laboratory	2
4.	2016	16MT5002-Fluid Power Laboratory	2
5.	2016	16MT5201-CAD/CAM & CIM	3
6.	2016	16MT5202-Industrial Electronics and Control	4
7.	2016	16MT5203-Fluid Power	3
8.	2016	16MT5204-Embedded systems Design	3
9.	2016	16MT5301-Non Traditional Machining Techniques	3
10.	2016	16MT5302-Discrete Event System Simulation	3
11.	2016	16MT5303-Materials Sciences and Applications	3
12.	2016	16MT5304-Automobile Systems	3
13.	2016	16MT5305-Process Control Instrumentation Technology	3
14.	2016	16MT6001-Industrial Automation and Control Laboratory	2
15.	2016	16MT6201-Industrial Automation and Control	3
16.	2016	16MT6202-Virtual Instrumentation and Human Machine Interface	4
17.	2016	16MT6203-Vectronics	3
18.	2016	16MT6301-Flexible Manufacturing System	3
19.	2016	16MT6302-Principles of Management	3
20.	2016	16MT6303-Diagnostic Techniques	3
21.	2016	16MT6304-Product Design and Development	3
22.	2016	16MT6305-Distinctive Electrical Machines	3

23.	2016	16MT6306-Medical Mechatronics	3
24.	2016	16MT6401-Industrial Safety and Environment	3

The following recommendations given by stakeholders are considered and incorporated

- Internship training is monitored and performances to be received from Industry.
- Industry oriented practices to be encouraged and explained with laboratory courses during necessary experiments

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Chairman - BoS
MCT - HiCET**



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Department of Information Technology

Date: 25.03.2018

Action Taken Report on BoS

The meeting of the Third Board of Studies of Regulation 2016 for the Department of Information Technology Undergraduate programme was conducted on 23.03.2018 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.	16IT5203 - Information Security	Incorporated	25%
2.	16IT5204- Theory of Computation	Modified	20%
3.	16IT5001- Network Laboratory	Modified	20%
4.	16IT6201- Mobile Computing	Modified	30%
5.	16IT6203- Software Testing and Quality Assurance	Modified	15%
6.	16IT6001-Embedded Systems Laboratory	Incorporated	20%
7.	16IT6002-Open Source Software Laboratory	Incorporated	20%
9.	16IT5304 - High Speed Networks	Modified	30%
10.	16IT2002 - Programming in C and C++ Laboratory	Modified	10%
11.	16IT5301 - Graphics and Multimedia	Modified	20%
12.	16IT6305 - Business Intelligence	Modified	40%
13.	16IT6306 - Human Computer Interface	Modified	25%
14.	16IT6401 - Cyber Security and Forensics	Modified	10%
15.	16IT5302 - Soft Computing	Modified	10%
16.	16IT5303 - System Software	Modified	15%
17.	16IT5305 - Data Warehousing and Data Mining	Modified	25%
18.	16IT5306 - Software Design Patterns	Modified	10%
19.	16IT6301 - Multimedia Communications	Modified	25%
20.	16IT4205 - Information Theory and Coding Techniques	Modified	20%
21.	16IT5201 - Computer Networks	Modified	10%
22.	16IT5202- Web Technology	Modified	25%
23.	16IT6204- Professional Ethics	Modified	5%
24.	16IT6303 - Compiler Design	Modified	20%
25.	16IT6304 - Cryptography and Network Security	Modified	20%
26.	16IT6202 - Microcontrollers and Embedded Systems	Modified	25%
27.	16IT5002 - Web Technology Laboratory	Modified	5%

Overall Percentage of syllabus revision made in the BoS : 30.16 %

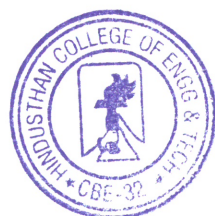


(ii) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1	2016	16IT2202 - Programming in C and C++	3
2	2016	16IT2002 - Programming in C and C++ Laboratory	2
3	2016	16IT5001 - Network Laboratory	2
4	2016	16IT5002 - Web Technology Laboratory	2
5	2016	16IT5201 - Computer Networks	3
6	2016	16IT5202 - Web Technology	3
7	2016	16IT5203 - Information Security	3
8	2016	16IT5204 - Theory of Computation	3
9	2016	16IT5301 - Graphics and Multimedia	3
10	2016	16IT5302 - Soft Computing	3
11	2016	16IT5303 - System Software	3
12	2016	16IT5304 - High Speed Networks	3
13	2016	16IT5305 - Data Warehousing and Data Mining	3
14	2016	16IT5306 - Software Design Patterns	3
15	2016	16IT5701 - Technical Seminar	2
16	2016	16IT6001 - Embedded Systems Laboratory	2
17	2016	16IT6002 - Open Source Software Laboratory	2
18	2016	16IT6201 - Mobile Computing	4
19	2016	16IT6202 - Microcontrollers and Embedded Systems	3
20	2016	16IT6203 - Software Testing and Quality Assurance	3
21	2016	16IT6204 - Professional Ethics	3
22	2016	16IT6301 - Multimedia Communications	3
23	2016	16IT6302 - Artificial Intelligence	3
24	2016	16IT6303 - Compiler Design	3
25	2016	16IT6304 - Cryptography and Network Security	3
26	2016	16IT6305 - Business Intelligence	3
27	2016	16IT6306 - Human Computer Interface	3
28	2016	16IT6401 - Cyber Security and Forensics	3
29	2016	16IT6801 Mini Project	3

The following recommendations given by stakeholders are considered and incorporated.

- Internship training is monitored and performances are received from Industry.
- Industry oriented practices to be encouraged and explained with laboratory courses during necessary experiments



iii) Syllabus related Recommendations:

S. No	Suggestions given by BoS experts	Action taken
1.	In 16IT5201- Information Security, Members suggested to concentrate on OS security, DBMS security, Secure Coding standards, OWASP concepts	Incorporated
2.	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.	Modified
3.	In 16IT5001-Network Laboratory, Suggestions have been given to include experiments which establish Local network and assign IP address and basic configuration commands in Lab experiment.	Modified
4.	In 16IT6201- Mobile Computing, Suggestions were given to replace MANET concepts with Application of Mobile Computing and change the content of Unit 5 with the latest Mobile OS.	Modified
5.	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.	Modified
6.	In 16IT6001-Embedded Systems Laboratory, suggestion has been given to include two experiments based on 8051 Processor and ARM Processor.	Included
7.	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	Included
8.	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 were already covered in the Soft Computing Subject.	Modified



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IT - HiCET**

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Department of Agriculture Engineering

Date:30.03.2018

Action Taken Report on BoS

The meeting of the First Board of Studies of Regulation 2016 for the Department of Agriculture Engineering Undergraduate programme was conducted on 29.03.2018 at the CSE Seminar Hall, Hindusthan College of Engineering and Technology.

New courses introduced on Recommendations:

S. No.	Course	Credit
1.	16AG2201- Principles and Practices of Crop Production	3
2.	16AG2001- Crop Husbandry Laboratory	2

General Recommendations:

S. No.	Suggestion given in the BoS experts	Action taken
1.	The board suggests 'Open Elective' subjects are common to all branches of study Irrespective of departments offered	Considered
2.	The board suggested to update reference books for all the core subject for students' betterment	Considered
3.	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.	Considered
4.	For laboratory course syllabus reference has to be given as books or department manuals	Considered



Y. Suresh

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Board of Studies

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AGRI - HICET



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Date: 30.03.2018

ACTION TAKEN REPORT

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.

(ii) New Courses Introduced :

S.No.	Regulation	Course Title	Credits
1.	16HE1101R	Essential English for Engineers-I	4
2.	16MA1101	Engineering Mathematics-I	4
3.	16PH1101	Engineering Physics	3
4.	16CY1101	Engineering Chemistry	3
5.	16GE1103	Problem Solving & Python Programming	3
6.	16GE1102	Engineering Graphics	4
7.	16PS1001	Physical Science Lab-I	1
8.	16GE1004	Problem Solving & Python Programming Lab	2
9.	16GE1002	Engineering Practices Laboratory	2
10.	16GE1003	Value Added Course I: Language Competency Enhancement Course- I	1
11.	16HE2102R	Essential English for Engineers-II	4
12.	16MA2102	Engineering Mathematics-II	4
13.	16PH2102	Physics of Materials	3
14.	16CY2102	Environmental Sciences	3



15.	16BM2201	Electron Devices and Circuits	3
16.	16BM2202	Circuits and Networks	4
17.	16PS2001	Physical Sciences Lab-II	1
18.	16BM2001	Electron Devices and Circuits Lab	2
19.	16GE2001	Value Added Course II: Language Competency Enhancement Course- II	1

Syllabus related Recommendations:

S. No	Suggestions given by BoS experts	Action taken
1.	The Second Semester Subject 16BM2201- Electronic Devices and Circuits may renamed as Electron Devices and Circuits.	Incorporated
2.	The Second Semester Subject '16BM2202-Electrical circuits and networks may be renamed as Circuits and Networks.	Modified
3.	New books are suggested to be added in circuits and networks.	Included



[Handwritten Signature]
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Date: 30.03.2018

ACTION TAKEN REPORT

Name of the Department: Food Technology

The Board of studies meeting of the Department of Food Technology was conducted on 29.03.18. The Board of studies members Reviewed Regulation 2016, Curriculum and Syllabus 2016 of Food Technology for the academic year 2018 - 2019. 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) New courses Introduced:

S.No.	Regulation	Course code with name	Credits
1.	R 2016	16MA1101 Engineering Mathematics – I	4
2.	R 2016	16PH1101 Engineering Physics	3
3.	R 2016	16CY1101 Engineering Chemistry	3
4.	R 2016	16HE1101R Essential English for Engineers – I	4
5.	R 2016	16GE1103 Problem Solving and Python Programming	3
6.	R 2016	16GE1102 Engineering Graphics	4
7.	R 2016	16PS1001 Physical Sciences Lab – I	1
8.	R 2016	16GE1004 Problem Solving and Python Programming Lab	2
9.	R 2016	16GE1002 Engineering Practices Lab	2
10.	R 2016	16GE1003 Value Added Course – Language Competency Enhancement Course - I	1
11.	R 2016	16MA2101 Engineering Mathematics – II (Vector Calculus, Complex Variables and Laplace Transforms)	4
12.	R 2016	16PH2102 Physics of Materials	3
13.	R 2016	16FT2101 Fundamentals of Biochemistry	3



14.	R 2016	16HE2102R Essential English for Engineers - II	4
15.	R 2016	16GE2101 Engineering Mechanics	4
16.	R 2016	16CY2102 Environmental Science	3
17.	R 2016	16PS2001 Physical Sciences Laboratory – II	1
18.	R 2016	16FT2001 Biochemistry Lab	2
19.	R 2016	16FT2101 Value Added Course – Language Competency Enhancement Course - II	1

The Following recommendations given by Stakeholders are considered and incorporated.

- Value added courses can be given to students who are interested to excel their specific domain.
- The students have to be motivated to get a greater number of online certificate courses offered by NPTEL, Coursera etc.

S.No	Suggestions / Comments given by the Members	Action Taken	Remarks
1.	The Curriculum And Syllabus accepted without any changes.	Nil	Nil




Chairman

Board of Studies

**Chairman - BoS
FT - HiCET**



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Othakalmandabam Post, Coimbatore – 641 032

Department of Electrical and Electronics Engineering

Date: 12.03.2018

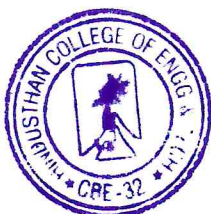
Action taken report onBoS

Action taken report for the Board of Studies meeting conducted for the Academic Year: 2018-2019 on 09.03.18 at 10.30 p.m. in the Video Conference Hall, Central Library:

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

Chairman
Board of Studies

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EEE - HICET





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Department of Electronics and Communication Engineering

Date: 29.03.2018

Action Taken Report on BoS

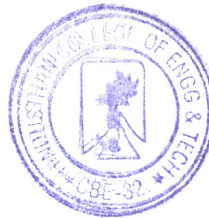
The Third Board of Studies meeting of Regulation 2016 for the academic year 2018-19 was conducted on 12.03.18 at 10.30 am for the post graduate course ME CS in Hindusthan College of Engineering and Technology in the Boardroom.

Syllabus related Recommendations:

S. No	Suggestions given by BoS experts	Action taken
1.	The syllabus and curriculum was ratified without any comments.	-

**Chairman
Board of Studies**

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ECE - HICET**





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Department of Computer Science and Engineering

Date: 12.03.2018

Action taken report on BoS

Action taken report for the Board of Studies meeting conducted for the Academic Year: 2018-2019 on 09.03.2018 at 02.30 p.m. in the Video Conference Hall, Central Library.

Subject Name	Suggestions	Explanation / Action Taken
Subjects- I - IV Semester	The curriculum and syllabus of the semesters I - IV were reviewed and accepted without any changes	NIL




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Board of Studies

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▲ CSE - HICET



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Department of Mechanical Engineering

Date: 09.03.2018

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: 2018 - 2019 on 09.03.2018 at 10.00 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.	16CC1202	Integrated Mechanical Design,	Incorporated	10%
2.	16CC2204	Computer Aided Inspection and Non-Destructive Testing	Modified	10 %

(ii) Syllabus related Recommendations:

S.No.	Suggestion given by BOS Committee Experts	Action Taken	Remarks
1	The curriculum and syllabus of the remaining courses were reviewed and accepted without any changes	Nil	-


Chairman

Board of Studies
Chairman - BoS
MECH - HICET





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Department of Electronics and Communication Engineering

Date: 29.03.2018

Action Taken Report on BoS

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 for the post graduate course ME ECE in Hindusthan College of Engineering and Technology in the Board room.

Syllabus related Recommendations:

S. No	Suggestions given by BoS experts	Action taken
1.	The syllabus and curriculum was ratified without any comments.	-

Chairman

Board of Studies

**Chairman - BoS
ECE - HICET**





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Department of Mechanical Engineering

Date: 09.03.2018

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: 2018 - 2019 on 09.03.2018 at 10.00 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.	16CC1202	Integrated Mechanical Design,	Incorporated	10%
2.	16CC2204	Computer Aided Inspection and Non-Destructive Testing	Modified	10 %

(ii) Syllabus related Recommendations:

S.No.	Suggestion given by BOS Committee Experts	Action Taken	Remarks
1	The curriculum and syllabus of the remaining courses were reviewed and accepted without any changes	Nil	-


Chairman

Board of Studies
Chairman - BoS
MECH - HICET





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Date:29.05.2018

Department of Management Sciences (MBA)

Action Taken Report on BoS

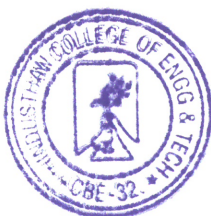
The meeting of Third Board of Studies of Regulation R 2016 for the Department of Management Sciences Post graduate program was conducted on 17.03.2018 at 2.00 am in the Conference room / Board.

(i) Syllabus Revision:

S. No	Subject in which revision has been done	Action taken	Percentage Syllabus Revised
1.	16BA3307-Merchant Banking and Financial Services	Incorporated	5 %
2.	16BA1206- Legal Aspects of Business	Incorporated	20%
3.	16BA2207- Business Research Methods	Incorporated	5%

General Recommendations:

S.No	Suggestion given in the BoS experts	Action taken
1	Based on the discussion regarding curriculum design, the board agreed to upgrade towards higher order thinking based on Bloom's taxonomy in the next regulation.	Considered




Chairman

Board of Studies

**Chairman - BoS
MBA - HICET**



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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Date: 14.03.2018

Action Taken Report on BoS

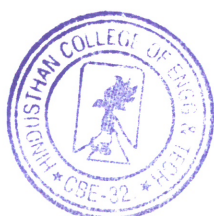
The Board of studies meeting of the Department Computer Applications was conducted on 12.03.2018. The Board of studies members Reviewed Curriculum and Syllabus of Regulation 2016 of Computer Applications for the academic year 2018 - 2019. This report consolidates the findings of the panel and the suggestions and area of improvements possible in the future put forth by the panel.

(i). Syllabus Revision for the Regulation 2016

No revisions were made

(ii) New courses Introduced:

S.NO	Regulation	Course code with Name	Credits
1	2016	16CA5201 - PHP Programming	3
2	2016	16CA5202 - Python Programming	3
3	2016	16CA5001 - PHP Programming Laboratory	2
4	2016	16CA5002 - Python Programming Laboratory	2
5	2016	16CA5801-Mini Project	4
6	2016	16CA5301-Big Data Analytics	3
7	2016	16CA5302-Data warehousing and Data Mining	3
8	2016	16CA5303-Cloud computing	3
9	2016	16CA5304 - Mobile computing	3
10	2016	16CA5305 -Semantic Web Services	3
11	2016	16CA5306 - Security in computing	3
12	2016	16CA5307 - Web Graphics	3
13	2016	16CA5308 - Middleware Technology	3
14	2016	16CA5309 - Management Information Systems	3



15	2016	16CA5310 - E-Commerce	3
16	2016	16BA5353-Human Resource Management	3
17	2016	16CAX4XX - Network Security	3
18	2016	16CAX4XX - Fundamentals of Cloud Computing	3
19	2016	16CA6901-Project Work	12


The following recommendations given by stakeholders are considered and incorporated.

1. Artificial Intelligence paper to be added in the curriculum.
2. Software testing papers to be added in the current syllabus.

General Recommendations:

S. No	Suggestion given by BOS experts	Action Taken
1.	Suggested to remove the .Net topic from .Net PHP and Python Programming paper and recommended to provide it as two different papers	Incorporated
2.	Suggested to remove course objectives in all the papers and to present only course outcomes	Not Incorporated
3.	Suggested to include Data Sciences or Data Analytics in the fifth semester.	Incorporated
4	More Research oriented electives papers were suggested to be included.	Not Incorporated




 Chairman
 Board of Studies
Chairman - BoS
MCA - HiCET