Annexure

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to Anna University)
Thindal (PO), Erode – 638012.
Ph: (0424) 2244201 - 204, **FAX:** 0424 2244205, **Email:** principal@velalarengg.ac.in

Curriculum Development Committee Meeting for the AY 2021- 2022

Attendance

Meeting No : **06**
Date & Time : **21.6.2021 @ 10.00 AM**
Venue : **Placement Conference Hall**

S.No.	Name of the Member	Signature
1.	Dr. M.Jayaraman, Principal / Chairman	
2.	Prof.P.Jayachandar - Dean	P.Jayachandar 21.6.21
3.	Dr.K.R.Valluvan – Prof. / ECE & COE	Valluvan 21.6.21
4.	Dr.S.Mangai – Professor & Head / BME	S.Mangai 21.6.21
5.	Dr.E.Ravi – Professor & Head / Civil Engineering.	21/6/21
6.	Dr.S.Jabeen Begum – Professor & Head / CSE	S.Jabeen Begum 21/6/21
7.	Dr.P.Sakthivel – Professor & Head / EEE	21/6/21
8.	Dr. M.Nisha Angeline – Professor & Head / ECE	21/6/21
9.	Dr.V.K.Manavalasundaram – Professor & Head / IT	21/6/21
10.	Dr.R.Kumaravelan – Professor & Head / Mechanical Engg.	21/6/21
11.	Dr.V.Chandrasekaran, Professor & Head / Medical Electronics	21/6/21
12.	Dr.T.Vetrivel - Professor & Head / MBA	21/06/2021
13.	Dr.M.Eswaramurthi – Professor & Head / Mathematics	21/6/21
14.	Dr.Deepa Jananakumar – Professor & HoD/ Physics	21/6/21
15.	Dr. K.Manikandan – Professor & HoD / Chemistry	21/6/21
16.	Dr.S.Hemalatha – Professor & HoD / English	S. Hemalatha 21/6/21
17.	Dr.S.Mahendrakumar, Professor / ECE	21/6/21

Place : VCET, Erode
Date : 21.6.2021

21/6/21
Chairman / Principal

Annexure - II

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to Anna University)
Thindal (PO), Erode – 638012.
Ph: (0424) 2244201 - 204, **FAX:** 0424 2244205, **Email:** principal@velalarengg.ac.in

Standing Committee Meeting for the AY 2021- 2022
Attendance

Meeting No : **06**
Date & Time : **04.08.2021 @ 10.00 AM**
Venue : **Conference Hall**

S.No.	Name of the Member	Signature
1.	Dr. M.Jayaraman, Principal / Chairman	
2.	Prof.P.Jayachandar - Dean	P. Jayachandar 4.8.21
3.	Dr.K.R.Valluvan – Prof. / ECE & COE	K.R. Valluvan 4.8.21
4.	Dr.S.Mangai – Professor & Head / BME	S Mangai 4.8.21
5.	Dr.E.Ravi – Professor & Head / Civil Engineering.	4/08/21
6.	Dr.S.Jabeen Begum – Professor & Head / CSE	S Jabeen Begum 4/8/21
7.	Dr.P.Sakthivel – Professor & Head / EEE	4/8/21
8.	Dr. M.Nisha Angeline – Professor & Head / ECE	4/8/21
9.	Dr.V.K.Manavalasundaram – Professor & Head / IT	4/8/21
10.	Dr.R.Kumaravelan – Professor & Head / Mechanical Engg.	4/8/21
11.	Dr.V.Chandrasekaran, Professor & Head / Medical Electronics	4/8/xx1
12.	Dr.T.Vetrivel - Professor & Head / MBA	4/8/2021
13.	Dr.M.Eswaramurthi – Professor & Head / Mathematics	4.8.21
14.	Dr.DeepaJananakumar – Professor & HoD/ Physics	Deepa 4/8/21
15.	Dr.K.Manikandan – Professor & HoD / Chemistry	4/8/21
16.	Dr.S.Hemalatha – Professor & HoD / English	S. Hemalatha 4/8/21
17.	Dr.S.Mahendrakumar, Professor – ECE & DCOE	S. Mahendra 4/8/21

Place : VCET, Erode
Date : 04-08-2021

4/8/21
Chairman / Principal

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution Affiliated to Anna University)
Minutes of the Sixth Standing Committee Meeting on Academic Affairs held at 10.00AM on Wednesday, the August 4th, 2021.

Agenda:

1. To discuss and propose the ratifications for the curricula and syllabi for various UG and PG programmes under R2018 that were dealt in various BoS.
2. To Introduction of Value Added Courses (1 credit courses)
3. Examination Activities
4. Measures taken during pandemic situation
5. Any other matters.

Venue : Conference Hall

Chairperson : Dr. M.Jayaraman, Principal

Members Present :

Prof.P.Jayachandar- Dean
Dr.K.R.Valluvan – Professor – ECE & COE
Dr.S.Mangai –Professor& Head/ BME
Dr.E.Ravi – Professor& Head / Civil Engg.
Dr.S.Jabeen Begum – Professor & Head / CSE
Dr.P.Sakthivel – Professor& Head / EEE
Dr.M.Nisha Angeline – Professor& Head / ECE
Dr.V.K.Manavalasundaram– Professor& Head / IT
Dr.R.Kumaravelan – Professor& Head / Mech. Engg.
Dr.V.Chandrasekaran- Professor & Head/ Medical Electronics
Dr.T.Vetrivel–Professor& Head / Dept. of Management Studies
Dr.M.Eswaramurthi – Professor& Head / Mathematics
Dr.DeepaJananakumar – Professor& Head / Physics
Dr. K.Manikandan – Professor& Head / Chemistry
Dr.S.Hemalatha – Asst. Professor(Sl.Gr.)& Head / English
Dr.S.Mahendrakumar, Professor – ECE & DCOE, Member Secretary.

The following matters were discussed in detail by of the members of the Standing Committee for the submission to and the approval by the Academic Council and for further follow up action and adoption.

A. **From the BOS – S & H.**

1. As per instruction from AICTE, F.No. AICTE/P&AP/NCC-Ge/Circular/2021/, it has been decided to offer the courses 18GEO01-National Cadet Corps Studies – I and 18GEO02-National Cadet Corps Studies – II as Open Elective in the semester 5 & 6.

B. **From BoS - B.E Biomedical Engineering.**

1. Recommended to include the new Professional Elective courses
    - 18BME22 – Soft Computing and Applications
    - 18BME23 – Medical Ethics and Standards
    - 18BME24 – Robotics in Medicine
    - 18BME25 – Virtual Reality in Medicine
    - 18BME26 – Foundation Skills in Integrated Product Development
    - 18BME27 – Nano Technology and Applications.
2. It is suggested to include the following Value Added Courses
    - 18BMV01 - Industrial Internet of Things
    - 18BMV02 - Biomedical Signal and Image Processing using NI Vision and Biomedical Toolkit
    - 18BMV03 - Training on Machine Learning

C. **From BoS – B.E Civil Engineering**

1. Due to pandemic condition and complete lock down, 18CEL43 – Survey Camp. (1 Credit) were not possible for the students admitted during the year 2020-21. Instead of the above course, the one credit is planning to conduct the Value Added Course of 30 hours duration as per AICTE norms for the above admitted students.
2. The Seventh Semester 18CEL73- In-plant training, the four-week practical training has to be reduced to two–week practical training due to pandemic condition and complete lock down.
3. Recommended to include the Value Added Courses 18CEV01-Introduction to Revit Architecture & 18CEV02-Civil Engineering Drawing and Bar Bending Schedule

D. **From BoS - B.E Computer Science & Engineering.**

1. In Semester 3, Instead of the 18CST31-Object Oriented Programming using Java, 18CST33-Object Oriented Programming using Java is recommended.
2. Recommended to offer 18CSO05-Principles of Artificial Intelligence as open elective course to the other programmes.
3. It is suggested to include the following Value Added Courses
    - 18CSV01 - R Programming
    - 18CSV02 - Go Lang
    - 18CSV03 - Type Script
    - 18CSV04 - Raspberry Pi
    - 18CSV05 - Practical Machine Learning with Tensorflow
    - 18CSV06 - Power BI

E. **From BoS- B.E Electronics and Communication Engineering.**

1. In Semester 6, Instead of the 18ECT63 VLSI Design course, 18ECT64– CMOS VLSI Design is recommended.
2. It is suggested to include the professional elective course 18ECE26 - Micro Python in the seventh semester.
3. It is suggested to include the following Value Added Courses
   - 18ECV01 - Computer Vision using OpenCV
   - 18ECV02 - Networking and Circuit Switching
   - 18ECV03 - PCB Design
   - 18ECV04 - Industry 4.0 and Internet of Things
   - 18ECV05 - Antenna Design using HFSS
   - 18ECV06 - FPGA Based System Design
   - 18ECV07 - Design and Implementation of Drone BOT
   - 18ECV08 - Design and Implementation of Embedded Systems using Arduino
   - 18ECV09 - Realtime Implementation of Brain Computer Interface
   - 18ECV10 - Blockchain using Python

F. **From BoS- B.E Electrical and Electronics Engineering.**

1. It is recommended to ratify the courses 18EEL42 - Linear and Digital Integrated Circuits lab & 18EET53 - Microprocessor and Microcontroller.
2. It is suggested to include the professional elective courses 18EEE25 - Robotics and Its Applications & 18EEE26 - Modern Power Converters.
3. It is suggested to include the following Value Added Courses
   - 18EEV01 - Design of Solar UPS for home
   - 18EEV02 - Design of Solar PV system for industries
   - 18EEV03 - LabVIEW Programming

G. **From BoS- B.E Mechanical Engineering.**

1. It is suggested to include the Open Elective courses 18MEO05-Fundamentals of Ergonomics, 18MEO06-Principles of Management and Industrial Psychology & 18MEO07-Safety Measures for Engineers.
2. It is suggested to include the following Value Added Courses
   - 18MEV01 - Finite Element Simulation using commercial analysis packages
   - 18MEV02 - Geometric Dimensioning and Tolerancing
   - 18MEV03 - CAM using commercial software packages
   - 18MEV04 - Advanced modules for Design Engineers using CAD Packages
   - 18MEV05 - Piping Design and Engineering
   - 18MEV06 - Fixture design
   - 18MEV07 - Machine Learning for Mechanical Engineers

H. **From BoS – B.E Medical Electronics**

1. Recommended to ratify the course 18MDC51-Bio Signal Processing.
2. It is suggested to include the open elective course 18MDO04- IoT Applications in Healthcare to the other programmes.
3. It is suggested to include the following Value Added Courses
    - 18MDV01 - Clinical Pathology and Microbiology
    - 18MDV02 - Calibration and Testing of Medical Devices
    - 18MDV03 - PCB design using Altium Designer/OrCAD/EAGLE
    - 18MDV04 - Modelling,Simulation and Analysis of Biological Systems using LabVIEW
    - 18MDV05 - Arduino Programming for Health Care Applications
    - 18MDV06 - Machine Learning using Matlab/Python
    - 18MDV07 - Biomedical Equipment Repair and Maintenance
    - 18MDV08 - Development of Assistive Devices for Disabled persons
    - 18MDV09 - Development of Health care Apps
    - 18MDV10 - Designing of Medical Devices using Autodesk Fusion 360

I. **From BoS – B.Tech Information Technology**

1. It is suggested to ratify the courses 18ITT61-Mobile Application Development, 18ITC61-Web Technology, 18ITE04-Artificial Intelligence & 18ITE19-Full Stack Development
2. Recommended to include the open elective course 18ITO05- Principles of Data Science to the other programmes.
3. It is suggested to include the following Value Added Courses
    - 18ITV01 - R Programming
    - 18ITV02 - ANN and Deep Learning
    - 18ITV03 - Stress Management and Emotional Intelligence
    - 18ITV04 - Kotlin Programming

J. **From BoS – MBA**

1. It is suggested to ratify the following courses
    - 18MST31-Strategic Management
    - 18MSE07-Merchant Banking and Financial Services
    - 18MSE10-Corporate Finance
    - 18MSL31-Professional Skill Development
    - 18MSE01-Services Marketing
    - 18MSE13-Industrial Relations and Labour Welfare

K. The Standing Committee approved and ratified all the above points.

L. Approval may remain to offer the Online Certificate Courses by the reputed Agencies, after approval from BoS, with an equivalent 3 credits may be allowed for professional advancement.

M. The following Measures taken during pandemic situation, promulgated by the competent authorities from time to time for the pandemic situation due to COVID-19, were briefed in the Academic Council. The Standing Committee approved the already implemented measures and other measures to be implemented based on these guidelines:

1. AU instructed to conduct proctored online practical exams.
2. AU approval for conducting Arrear Examinations.
3. 2020 -21 Odd – 3th, 5th Sem exams were conducted between 16-12-20 and 10-2-21 in 'PROCTORES ONLINE MODE' following the SOP specified by GOTN, RDMD Lr. No. 36992/D.M/IV/2020-1 dt. 22.12.20. Exam pattern: MCQ type ; 1 Hour duration ; 45 Qns; Total 60 Marks; Part A: 30×1=30 Marks + Part B: 15×2= 30 marks.
4. Based on the Results approved by RPB, details for Award of Degrees were sent to AU(Total = 879 ; May 21 ALL PASS=836 + Arrears passed 43)
5. GO TN press release no 150 dated 24.05.2021.
6. AU COE Lr. No. 197070/COE/C10/2021 dt. 02.06.21
7. The above GO specified the Exam Pattern as 3 hrs; QP pattern same as that followed before COVID 19 – Offline, pen & paper.
8. Exams for EVEN Sem 2020-21 – 2nd, 4th, 6th are being conducted from 17-6-21 to 7-8-21 by the guidelines in the above GO and AU COE Letter.

The Chairpersons of the various Boards of Studies read out the Minutes of their BoS pertaining to changes in the curriculum and syllabi of R2018. The items are discussed by the Standing Committee and it is resolved to submit the points for the consideration and approval of the Academic Council.

Chairman - Standing Committee &
Principal.

Annexure - III

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
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Thindal (PO), Erode – 638012.
Ph: (0424) 2244201 - 204, **FAX:** 0424 2244205, **Email:** principal@velalarengg.ac.in

Academic Council Meeting – Attendance

Meeting No : **06**

Date & Time : **06.08.2021 @ 10.00 AM**

Venue : **Conference Hall / Online - Google Meet Video Conferencing (https://meet.google.com/yth-yknh-stb)**

S.No.	Name of the Member	Category	Signature
1.	**Dr. M.Jayaraman,** Principal	Chairman	
2.	**Prof. A.Peer Mohamed,** Former Professor, Department of Textile Technology, ACT Campus, Anna University, Chennai-25	University Nominees	Online
3.	**Dr. P.Kanagasabapathy,** Professor Emeritus, Department of Instrumentation Engineering, MIT Campus,Anna University, Chennai -44.		Online
4.	**Dr. P.Narayanasamy,** Professor, Department of Electrical and Electronics Engineering, PSG College of Technology, Coimbatore - 04		Online
5.	**Dr. V.Prabhu Raja,** Professor, Department of Mechanical Engineering, PSG College of Technology,Coimbatore-04	Experts Nominated by Governing Council	Online
6.	**Dr. N.K.Karthikeyan,** Professor, Department of Information Technology, Coimbatore Institute of Technology, Coimbatore		Online
7.	**Mr. V.Viswanathan** Director -HR,Wipro Technologies, Chennai.		Online
8.	**Thiru K.Kulasekaran** Executive Director, Vellalar Educational Trust, Erode.		06-08-2021

9.	Prof.P.Jayachandar - Dean		P.Jayachandar 6.8.21
10.	Dr.K.R.Valluvan – Professor / ECE & COE		6.8.21.
11.	Dr.S.Velumani – Professor/Mech. Engg.		S.Velu 6/8/21
12.	Dr.S.Mangai – Chairperson, Board of Studies- BME	Members	S.Mangai 6.8.21
13.	Dr.E.Ravi – Chairperson, Board of Studies - Civil Engineering.		E.Ravi 06/08/21
14.	Dr.S.Jabeen Begum – Chairperson, Board of Studies - CSE		6/8/21
15.	Dr.P.Sakthivel – Chairperson, Board of Studies - EEE		6/8/21
16.	Dr. M.Nisha Angeline – Chairperson, Board of Studies - ECE		6/8/21
17.	Dr.V.K.Manavalasundaram – Chairperson, Board of Studies - IT		6/8/21
18.	Dr.R.Kumaravelan – Chairperson, Board of Studies - Mechanical Engg.		6/8/21
19.	Dr.V.Chandrasekaran, Chairperson, Board of Studies - Medical Electronics		6/8/2021
20.	Dr.T.Vetrivel - Chairperson, Board of Studies - MBA		6/8/2021
21.	Dr.M.Eswaramurthi – Chairperson, Board of Studies - Mathematics		6/8/21
22.	Dr.DeepaJananakumar – Chairperson, Board of Studies - Physics		6/8/21
23.	Dr. K.Manikandan – Chairperson, Board of Studies - Chemistry		6/8/21
24.	Dr.S.Hemalatha – Chairperson, Board of Studies - English		S.Hemalatha 6/8/21
25.	Dr. S.Mahendrakumar, Professor/ ECE & DCOE	Member Secretary	6/8/21

Place : VCET, Erode
Date : 06.08.2021

6/8/21

Chairman - Academic Council

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution Affiliated to Anna University)

Minutes of the sixth Academic Council Meeting held at 10.00 a.m. on Friday, the 6th of August 2021 through Online Mode.

Venue : Online Mode – Google Meet
Chairperson : Dr. M.Jayaraman, Principal

University Nominees:

Prof. A.Peer Mohamed, Former Professor / Textile Technology, AU, Chennai
Dr. P.Kanagasabapathy, Professor Emeritus/ Instrumentation Engineering, AU Chennai
Dr. P.Narayanasamy, Professor/EEE, PSGCT, Coimbatore

Experts Nominated by Governing Council:

Dr.V Prabhu Raja, Professor & Assoc. Head / Mechanical Engg., PSGCT, Coimbatore
Dr.N.K.Karthikeyan, Professor/ IT., CIT, Coimbatore
Mr. V.Viswanathan, Director- HR, Wipro Technology, Chennai
Thiru. K.Kulasekaran, Executive Director, VET, Erode.

Senior Members of the Faculty:

Prof.P.Jayachandar- Dean
Dr.K.R.Valluvan – Prof. / ECE & COE
Dr.S.Velumani – Professor/Mech. Engg.

Members :

Dr. S.Mangai –Chairperson, Board of Studies, BME
Dr. E.Ravi – Chairperson, Board of Studies, Civil Engg.
Dr. S.Jabeen Begum – Chairperson, Board of Studies, CSE
Dr. M.Nisha Angeline – Chairperson, Board of Studies, ECE
Dr. P.Sakthivel – Chairperson, Board of Studies, EEE
Dr. R.Kumaravelan – Chairperson, Board of Studies, Mech. Engg.
Dr. V.Chandrasekaran– Chairperson, Board of Studies, Medical Electronics.
Dr. V.K.Manavalasundaram – Chairperson, Board of Studies, IT
Dr. T.Vetrivel – Chairperson, Board of Studies, Dept. of Management Studies
Dr. M.Eswaramurthi – Chairperson, Board of Studies, S&H
Dr. Deepa Jananakumar – Professor & HoD / Physics
Dr. K.Manikandan – Professor&HoD /Chemistry
Dr. S.Hemalatha – Asst. Professor (Sl.Gr.) & HoD / English

Member Secretary :

Dr. S.Mahendrakumar, Professor/ ECE & DCOE

Dr. M.Jayaraman, Principal & Chairman, welcomed the members and introduced the members.

1. The meeting of the Curriculum Development Board was conducted on 21.6.21. Subsequently, the Boards of Studies for all the BE/BTech, MBA and ME Programmes were conducted from 03.07.2021 to 17.07.2021 through Online mode. The meeting of Standing Committee on Academic Affairs was conducted on 04.08.2021. The details, suggestions and / or modifications and ratifications put forth in various BoS and the Standing Committee were submitted to the Academic Council.

2. It was resolved to ratify the recommendations (mentioned below) of the Board of Studies and the Standing Committee of Academic Affairs with regard to the curricula & syllabi for the UG & PG programmes for the Regulations 2018.

   A. From the BOS – S & H.

      1. As per instruction from AICTE, F.No. AICTE/P&AP/NCC-Ge/Circular/2021/, it has been decided to offer the courses 18GEO01-National Cadet Corps Studies – I and 18GEO02-National Cadet Corps Studies – II as Open Electives in semesters 5 & 6.

   B. From BoS - B.E Biomedical Engineering.

      1. Recommended to include the new Professional Elective courses
         - 18BME22 – Soft Computing and Applications
         - 18BME23 – Medical Ethics and Standards
         - 18BME24 – Robotics in Medicine
         - 18BME25 – Virtual Reality in Medicine
         - 18BME26 – Foundation Skills in Integrated Product Development
         - 18BME27 – Nano Technology and Applications.
      2. It is suggested to include the following Value Added Courses
         - 18BMV01 - Industrial Internet of Things
         - 18BMV02 - Biomedical Signal and Image Processing using NI Vision and Biomedical Toolkit
         - 18BMV03 - Training on Machine Learning

   C. From BoS – B.E Civil Engineering

      1. Due to pandemic condition and complete lock down, 18CEL43 – Survey Camp. (1 Credit) was not possible for the students admitted during the year 2020-21. Instead of the above course, an one credit is planned to conduct the Value Added Course of 30 hours duration as per AICTE norms for the above students.

2. The Seventh Semester 18CEL73- In-plant training, the four-week practical training has to be reduced to two–week practical training due to pandemic condition and complete lock down.
3. Recommended to include the Value Added Courses 18CEV01-Introduction to Revit Architecture & 18CEV02-Civil Engineering Drawing and Bar Bending Schedule.

D. From BoS - B.E Computer Science & Engineering.

1. In Semester 3, instead of the 18CST31-Object Oriented Programming using Java, 18CST33-'Object Oriented Programming using Java' with certain modified topics is recommended.
2. Recommended to offer 18CSO05-Principles of Artificial Intelligence as open elective course to the other programmes.
3. It is suggested to include the following Value Added Courses
    - 18CSV01 - R Programming
    - 18CSV02 - Go Lang
    - 18CSV03 - Type Script
    - 18CSV04 - Raspberry Pi
    - 18CSV05 - Practical Machine Learning with Tensorflow
    - 18CSV06 - Power BI

E. From BoS- B.E Electronics and Communication Engineering.

1. In Semester 6, Instead of 18ECT63-VLSI Design course, 18ECT64–CMOS VLSI Design is recommended.
2. It is suggested to include the professional elective course 18ECE26 - Micro Python in the seventh semester.
3. It is suggested to include the following Value Added Courses
    - 18ECV01 - Computer Vision using OpenCV
    - 18ECV02 - Networking and Circuit Switching
    - 18ECV03 - PCB Design
    - 18ECV04 - Industry 4.0 and Internet of Things
    - 18ECV05 - Antenna Design using HFSS
    - 18ECV06 - FPGA Based System Design
    - 18ECV07 - Design and Implementation of Drone BOT
    - 18ECV08 - Design and Implementation of Embedded Systems using Arduino
    - 18ECV09 - Realtime Implementation of Brain Computer Interface
    - 18ECV10 - Blockchain using Python

F. From BoS- B.E Electrical and Electronics Engineering.

1. It is recommended to ratify the courses 18EEL42 - Linear and Digital Integrated Circuits lab & 18EET53 - Microprocessor and Microcontroller.
2. It is suggested to include the professional elective courses 18EEE25 - Robotics and Automation & 18EEE26 - Modern Power Converters.
3. It is suggested to include the following Value Added Courses
   - 18EEV01 - Design of Solar UPS for home
   - 18EEV02 - Design of Solar PV system for industries
   - 18EEV03 - LabVIEW Programming

G. From BoS- B.E Mechanical Engineering.

1. It is suggested to include the Open Elective courses 18MEO05-Fundamentals of Ergonomics, 18MEO06-Principles of Management and Industrial Psychology & 18MEO07-Safety Measures for Engineers.
2. It is suggested to include the following Value Added Courses
   - 18MEV01 - Finite Element Simulation using commercial analysis packages
   - 18MEV02 - Geometric Dimensioning and Tolerancing
   - 18MEV03 - CAM using commercial software packages
   - 18MEV04 - Advanced modules for Design Engineers using CAD Packages
   - 18MEV05 - Piping Design and Engineering
   - 18MEV06 - Fixture design
   - 18MEV07 - Machine Learning for Mechanical Engineers

H. From BoS – B.E Medical Electronics

1. Recommended to ratify the course 18MDC51-Bio Signal Processing.
2. It is suggested to include the open elective course 18MDO04- IoT Applications in Healthcare to the other programmes.
3. It is suggested to include the following Value Added Courses
   - 18MDV01 - Clinical Pathology and Microbiology
   - 18MDV02 - Calibration and Testing of Medical Devices
   - 18MDV03 - PCB design using Altium Designer/OrCAD/EAGLE
   - 18MDV04 - Modelling,Simulation and Analysis of Biological Systems using LabVIEW
   - 18MDV05 - Arduino Programming for Health Care Applications
   - 18MDV06 - Machine Learning using Matlab/Python
   - 18MDV07 - Biomedical Equipment Repair and Maintenance
   - 18MDV08 - Development of Assistive Devices for Disabled persons
   - 18MDV09 - Development of Health care Apps
   - 18MDV10 - Designing of Medical Devices using Autodesk Fusion 360

I. From BoS – B.Tech Information Technology

1. It is suggested to ratify the courses 18ITT61-Mobile Application Development, 18ITC61-Web Technology, 18ITE04-Artificial Intelligence & 18ITE19-Full Stack Development
2. Recommended to include the open elective course 18ITO05- Principles of Data Science to the other programmes.
3. It is suggested to include the following Value Added Courses
   - 18ITV01 - R Programming
   - 18ITV02 - ANN and Deep Learning
   - 18ITV03 - Stress Management and Emotional Intelligence
   - 18ITV04 - Kotlin Programming

J. From BoS – MBA

1. It is suggested to ratify the following courses
   - 18MST31-Strategic Management
   - 18MSE07-Merchant Banking and Financial Services
   - 18MSE10-Corporate Finance
   - 18MSL31-Professional Skill Development
   - 18MSE01-Services Marketing
   - 18MSE13-Industrial Relations and Labour Welfare

3. The following Measures taken during pandemic situation, promulgated by the competent authorities from time to time for the pandemic situation due to COVID-19, were briefed in the Academic Council. The Council approved the already implemented measures and other measures to be implemented based on these guidelines:

A. AU instructed to conduct proctored online practical exams.
B. AU approval for conducting Arrear Examinations.
C. 2020 -21 Odd – 3th, 5th Sem exams were conducted between 16-12-20 and 10-2-21 in ' PROCTORES ONLINE MODE' following the SOP specified by GOTN, RDMD Lr. No. 36992/D.M/IV/2020-1 dt. 22.12.20. Exam pattern: MCQ type ; 1 Hour duration ; 45 Qns; Total 60 Marks; Part A: 30×1=30 Marks + Part B: 15×2= 30 marks.
D. Based on the Results approved by RPB, details for Award of Degrees were sent to AU(Total = 879 ; May 21 ALL PASS=836 + Arrears passed 43)
E. GO TN press release no 150 dated 24.05.2021.
F. AU COE Lr. No. 197070/COE/C10/2021 dt. 02.06.21
G. The above GO specified the Exam Pattern as 3 hrs; QP pattern same as that followed before COVID 19 – Offline, pen & paper.

H. Exams for EVEN Sem 2020-21 – 2nd, 4th, 6th are being conducted from 17-6-21 to 7-8-21 by the guidelines in the above GO and AU COE Letter.

4. The council approved and ratified all the above points.
5. The Council further gave the following recommendations:
    A. In EEE dept. the OE Robotics and its Applications may be more appropriately named as Robotics and Automation.
    B. Regulations, curriculum and syllabi may be revised after 2 years and new regulation R2022 may be introduced in AY 2022-23.
    C. The works on revision in new curriculum and syllabus may be started well in advance prior to the introduction and implementation.
    D. Electives on emerging fields like Machine learning, Deep learning, Cloud computing, Data Analytics, etc. may be offered immediately in the coming year.
    E. It may be permitted to take more number of online courses from SWAYAM-NPTEL and included for credit calculations.
    F. It may be ensured that there is no overlap of course contents from SWAYAM-NPTEL vis-à-vis the regular curriculum and syllabus.
    G. The concerned HoD, may be in consultation with senior faculties, identify these SWAYAM-NPTEL courses which supplement the regular syllabus contents. Only these courses may be listed and permitted to be taken up by the students. .
    H. Faculty may also register for NPTEL exams along with students to understand the nuances and recommend the grades obtained from NPTEL to be taken for CGPA Calculation.
    I. Open Elective courses may be framed oriented towards placement, career and higher studies.
    J. Assignments may be designed to assess the higher order thinking skills (given in the Bloom's taxonomy) individual / group assignments may be given.
    K. Only those NPTEL courses which are up-to-date may be permitted to be taken up by students.
6. The CoE thanked all the Members for their valuable suggestions.

6/9/21

Chairman / Principal

Annexure - 01

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to Anna University)
Thindal (PO), Erode – 638012.
Ph: (0424) 2244201 - 204, **FAX:** 0424 2244205, **Email:** principal@velalarengg.ac.in

Board of Studies Meeting
Attendance

Name of the Department : Biomedical Engineering

Meeting No : 06

Date & Time : 03.07.2021 & 10.30 a.m.

Venue : Virtual mode through Google Meet

Sl.No.	Name	Category	Signature
1.	Dr.S.Mangai	Chairman	S.Mangai 3/7/21
2.	Dr.B.Padmapriya	University Nominee	
3.	Dr.A.Mythili	External Expert Members	
4.	Dr. R. Vanithamani		ONLINE
5.	Mr.M.Sathish Kumar	Industry / Corporate Sector	
6.	Dr.S.R.Tiruvalavan		
7.	Mr.S.Jayamaruthi	Alumnus	
8.	Dr.N.Jeyashanthi	Internal Members	3/7/21
9.	Dr.S.K.Manikandan		3/7/21
10.	Dr.P.Ravikumar		3/7/21
11.	Ms.C.Radhika		3/7/21
12.	Mr.N.N.Baalakumar		3/7/21
13.	Ms.S.Maheswari		3/7/21

S.Mangai 3/7/21

Chairman - BoS (BME)

Chairperson - BoS
Dept. of BME - VCET

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution Affiliated to Anna University)
Department of Biomedical Engineering

Minutes of Board of Studies Meeting

Name of the Department : Biomedical Engineering   Board: BME
Programme (s) : BE-BME
Date, Time & Venue : 03.07.2021, 10.30am & Online Mode- Google Meet(Id:hvr-krou-idf)
Meeting Number : 06

Agenda of Meeting

1. Review of Curriculum and Syllabus under R2018.
2. Framing of new Professional Electives and One Credit Courses under R2018.
3. Approval of online courses and value added courses chosen by the students for credit transfer.
4. Any other matters.

The members presented in the Board of Studies Meeting is given in Annexure – 01

The chairperson of the Board of Studies welcomed all the members to the meeting for reviewing of Curriculum and framing the syllabus under the Regulation 2018 through online mode as per direction of The Director, Centre for Academic Courses, Anna University, Chennai vide letter no: 1301/AU/CAC/2020 dated 23.07.2020. The following points were reviewed and ratified. The points suggested by the members were as follows:

01 – Review of Curriculum and Syllabus under R2018

Discussion:

- In the fifth semester, Professional Elective Course 18BME22 – Soft Computing and Applications is introduced.
- In the sixth semester, Professional Elective Courses 18BME23 – Medical Ethics and Standards and 18BME24 – Robotics in Medicine are introduced.
- In the Seventh semester, Professional Elective course 18BME25 – Virtual Reality in Medicine is introduced.
- In the Eighth semester, Professional Elective courses 18BME26 – Foundation Skills in Integrated Product Development and 18BME27 – Nano Technology and Applications are introduced.
- Three One Credit Courses Industrial Internet of Things, Biomedical Signal and Image Processing using Ni Vision and Biomedical Toolkit and Training on Machine Learning are introduced.

Resolution:

It is resolved to ratify the changes in Regulation 2018 curriculum of B.E Biomedical Engineering programme and the same is submitted to the Academic Council for approval.

02-Framing new Professional Electives and One Credit Courses under R2018

Discussion: BOS members suggested the following points in the meeting

S.No.	Course Code & Name	Recommendation by BoS members
Semester 5 Professional Elective-I		
1.	18BME22 – Soft Computing and Applications	In the Unit 5 applications relevant to Biomedical field can be included. For Text books latest editions need to be added.
Semester 6 Professional Elective-II		
2.	18BME23 – Medical Ethics and Standards	Syllabus is well framed and Good.
Semester 6 Professional Elective-III		
3.	18BME24 – Robotics in Medicine	Topics are completely relevant to Biomedical field and well structured.
Semester 7 Professional Elective-IV		
4.	18BME25 – Virtual Reality in Medicine	Need to ensure the availability of Text books for Unit 2. Unit 4 topics need practical sessions so it's good if the course has enough practical sessions. For Text books latest editions need to be added.
Semester 8 Professional Elective-V		
5.	18BME26 – Foundation Skills in Integrated Product Development	First Text book need to be checked. For Text books latest editions need to be added.
Semester 8 Professional Elective-VI		
6.	18BME27 – Nano Technology and Applications	In the Unit 5, topics should be highly relevant to Biomedical field. More Biomedical applications can be added. For Text books latest editions need to be added.
One Credit Courses		
7.	18BMV01-Industrial Internet of Things	Well Structured and organized.
8.	18BMV02-Biomedical Signal and Image Processing using Ni Vision and Biomedical Toolkit	
9.	18BMV03-Training on Machine	

Resolution:

It is resolved to recommend the Syllabus under R2018 to the Academic Council for approval.

03. Approval of online courses and Value added courses chosen by the students for credit transfer.

Discussion: As per R2018, students those who fulfill academic requirements are offered online learning courses provided through SWAYAM-NPTEL platform and Value added Courses offered by the industries for the purpose of course exemption in the eighth semester.

Resolution: It is resolved to approve the online courses offered by SWAYAM -NPTEL and the Value added courses offered by the industries chosen by the students for credit transfer.

04. Any other matter

Common points suggested by the members as Concluding Remarks

- BoS members suggested that Credit transfer details need to be clearly mentioned in the syllabus book for better understanding of students.
- Value added Courses like Management and Personality Development and Clinical Engineering can be included.

The chairperson of Board of Studies agreed and assured to incorporate the changes wherever possible.

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

7/8/21

Chairperson-BoS

Chairperson - BoS
Dept. of BME - VCET

Annexure - 01

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
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Board of Studies Meeting
Attendance

Name of the Department : Civil Engineering
Meeting No : 06
Date & Time : 15.07.2021 & 3.30PM
Venue : Online Mode – Google Meet

Sl.No.	Name	Category	Signature
1.	Dr.E.Ravi	Chairman	15/07/21
2.	Dr.K.Ramadevi	University Nominee	ONLINE
3.	Dr.S.P.Jeyapriya	External Expert Members	
4.	Dr.P. Rama Mohan rao		
5.	Er.G.Chandrasekaran	Industry / Corporate	
6.	Er.V. Arun Prabhu	Alumnus	
7.	Mr.C.Karthik	Internal Members	C. Karthik 15/7/21
8.	Mr.D.Sakthivel		D. 15/7/2021
9.	Ms.A.Anitha		15/7/21
10.	Mr.S.Suresh		S. 15/7/21
11.	Mr.S.C.Sarathkumar		S.C. 15/7/21
12.	Mr.C.Pranesh		15/7/21
13.	Mr.S.Ramesh Kumar		15/07/21
14.	Ms.D.Dharani		D. Dharani 15/7/21

15/07/21

Chairman - BoS (CE)

Chairperson - BoS
Dept. of CE - VCET

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution, Affiliated to Anna University)
Department of Civil Engineering

Minutes of Board of Studies Meeting

Name of the Department : Civil Engineering Board: Civil Engineering
Programme (s) : B.E. CE
Date, Time & Venue : 15.07.2021, 3.30 PM & Online Mode- Google Meet
Meeting Number : 06

Agenda of Meeting

- Review of Regulation 2018
- Review of Curriculum under R 2018
- Ratification of changes suggested in 5th BoS meeting if any
- Approval of online courses chosen by the students for credit transfer.
- Any other matters

The members presented in the Board of Studies Meeting is given in Annexure – 01

The chairman of the Board of Studies welcomed all the members to the 6th BoS meeting under online mode (https://meet.google.com/gci-ibkn-jse) for ratification of Curriculum and the syllabus for 3rd - 8th semesters under the Regulation 2018. The chairman briefed about the curriculum and corresponding syllabus of 3rd to 8th semester under R2018 as per guidelines vide letter no: 1301/AU/CAC/2020 dated 23.07.2020 of The Director, Centre for Academic Courses, Anna University, Chennai. The following points were presented for ratification with suggestion by the BOS members.

01 – Review of Curriculum under R2018

Discussion:

1. In the fourth semester 18CEL43 – Survey Camp. (1 Credit)

   Due to pandemic condition and complete lock down, survey camp were not possible for the students admitted during the year 2020-21. Instead of the above course, the one credit is planning to conduct the value added course of 20 hours duration as per AICTE norms for the above admitted students.

2. In the Seventh Semester 18CEL73- In-plant training (2 credits)

   As per R2018 students have to undergo four-week practical training in Civil Engineering related organisations before the commencement of seventh semester. Due to the same situations prevailing, the companies where not offered the training for the students admitted during the year 2018-19 & 2019-20 (as the students attended before pandemic condition) and hence, the four-week practical training has to be reduced to two – week practical training. Subsequently the credit already offered for the same has to be reduced to one credit. The remaining one credit is planning to conduct the value added course of 20 hours duration as per AICTE norms.

Resolution: It is resolved to ratify the correction of the above courses in Regulation 2018 curriculum of B.E Civil Engineering programme to the Academic Council for approval.

02- Ratification of Syllabus from 3rd to 8th Semester under R2018.

Discussion:

In the Seventh Semester 18CEL73- In-plant training, the four-week practical training has to be reduced to two – week practical training.

Resolution: It is resolved to recommend the Syllabus for 3rd – 8th Semester under R2018 to the Academic Council for approval.

03. Approval of online courses chosen by the students for credit transfer.

Discussion: As per R2018, students those who fulfilling academic requirements can offer one online learning course provided through SWAYAM /NPTEL/MOOCS platform for the purpose of course exemption in eighth semester.

Resolution: It is resolved to approve the online courses offered by SWAYAM /NPTEL chosen by the students for credit transfer.

The chairman of Board of Studies thanked to all the members for their valuable suggestions and coordination

Chairman-BoS

Chairperson - BoS
Dept. of CE - VCET

Annexure - 01

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
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Ph: (0424) 2244201 - 204, **FAX:** 0424 2244205, **Email:** principal@velalarengg.ac.in

Board of Studies Meeting
Attendance

Name of the Department : Computer Science and Engineering
Meeting No. : 06
Date & Time : 10.07.2021, 10:00 A.M.
Venue : Online Mode
(https://meet.google.com/iko-abfv-okh?hs=224)

Sl.No.	Name	Category	Signature
1.	Dr.S.Jabeen Begum	Chairman	10/7/21
2.	Dr. M.Suguna	University Nominee	Online Mode
3.	Dr. P.Varalakshmi	Academic Council Members	
4.	Dr.C.Gunavathi		
5.	Mr. G.Roy Antony Arnold	Industrial Expert	
6.	Ms. S.Anju	Alumnus	
7.	Dr. V. Latha Jothi	Internal Faculty Members	V. Latha Jothi
8.	Dr. S. Sadesh		S. Sad
9.	Dr. S .Kayalvili		
10.	Dr. S. Gokul Raj		
11.	Ms. C.Kotteeswari		C.Koti
12.	Ms. K. Mohanapriya		
13.	Ms. S. Ponni		Ponni

10/7/21
Chairman - BoS (CSE)

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University)

Department of Computer Science and Engineering

Minutes of Board of Studies Meeting

Name of the Department: Computer Science and Engineering
Board: Computer Science and Engineering Programme
Date, Time & Venue : 10.07.2021, 10:00 am, Online Mode
Meeting Number : 06

Agenda of Meeting

- Review of Curriculum under R-2018
- Ratification of syllabus under R-2018
- Approval of syllabus for Value added course under R-2018
- Approval of Online Courses Chosen by the students for Credit transfer
- Any other matters

The list of members present in the Board of Studies Meeting is given in Annexure – 1

The Chairperson / BoS welcomed all the members to the 6th meeting of Board of Studies for the ratification of syllabus under R-2018 conducted through online mode The items listed in the agenda are taken for discussion one by one. The minutes of the meeting are as follows:

01 – Review of Curriculum R-2018

Discussion

The following addition is made in the curriculum approved in the 5th BoS meeting.

- Open Elective- Introduction of the course 18CSO05- Principles of Artificial Intelligence can be offered to the other programmes.
- An Open Elective has been added for NCC Students.

Resolution

It is resolved to ratify the changes in Regulations 2018 curriculum of B.E – Computer Science and Engineering programme and the same is submitted to the Academic Council for approval.

02 – Review of Ratification of syllabus Under R-2018

Discussion

BoS members reviewed the syllabus of all semester courses, professional electives, open electives and value added courses under the Regulations 2018 and recommended as below:

S.No.	Course Code & Title	Recommendation by BoS members
1.	**18CST31 – Object Oriented Programming using Java**	• Since the Usage of applet class is reduced, it is recommended to insert the collection class to understand the concepts of data structures in Java ,to insert lambda expression and functional interfaces topic and remove the basics of AWT. • It is recommended to rename the course as 18CST33- **Object Oriented Programming**

13/7/21
Chairperson - BoS
Dept. of CSE - VCET

		using Java, to be offered to the students in 3rd semester of AY 2021-2022 onwards.
Value Added Course		
2.	• **18CSV01-** R Programming • **18CSV02-** Go Lang • **18CSV03-** Type Script • **18CSV04-** Raspberry Pi **18CSV05-** Practical Machine Learning with Tensorflow • **18CSV06-** Power BI	• It is suggested to include the following Value added courses and the syllabus can be limited to its basic level.

Resolution

It is resolved to recommend the ratified Syllabus and Value added courses under R-2018 to the Academic Council for approval.

03. Approval of online courses chosen by the students for credit transfer

Discussion

As per R-2018, those students who are fulfilling other academic requirements can study one online course provided through SWAYAM-NPTEL platform for the purpose of course equivalency in eighth semester.

Resolution

It is resolved to approve the online courses offered by SWAYAM -NPTEL chosen by the students for credit transfer.

04. Any other Matters

Recommendations by the BoS Members:

- It is recommended to add mini projects in **Principles of Artificial Intelligence** for better understanding.
- It is suggested to add **Design Thinking, Robotics Process Automation and Docker & Kubernetes** in Value Added Course list in future.

The Chairperson of Board of Studies thanked all the members for their valuable suggestions and contribution.

13/7/21

Chairperson-BoS

Chairperson - BoS
Dept. of CSE - VCET

Annexure - 01

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
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Board of Studies Meeting
Attendance

Name of the Department : Electronics and Communication Engineering
Meeting No : 06
Date & Time : 15.07.2021 & 03.00 p.m.
Venue : Online Mode
Google Meet Link : https://meet.google.com/wbx-ysoh-otn

Sl.No.	Name	Category	Signature
1.	Dr.M.Nisha Angeline	Chairperson	15/7/21
2.	Dr. D.Deepa	University Nominee	Online
3.	Dr.P.Palanisamy,	External Expert Members	Online
4.	Dr.S. RenugaDevi		Online
5.	Mr.B.Sethupathi	Industry / Corporate Sector	Online
6.	Mr.R. Sridhar		Not Present
7.	Mr. S.S.Gokul Nathan	Alumnus	Online
8.	Dr. K.R. Valluvan	Internal Members	-
9.	Prof. P. Jayachandar		P. Jayachandar 15.7.21
10.	Dr.K.Venkatachalam		Online.
11.	Dr.S.Mahendra Kumar		15/7/21
12.	Dr.K.SenthilPrakash		15/7/21
13.	Dr.S. Rajan		15/7/21
14.	Dr.V.Gowrishankar		V. Gowrishankar/15/7/21
15.	Dr.M. Parimala Devi		Parimala Devi 15/7/21
16.	Dr.V.Aarthi		V.Aarthi 15/7/21

17.	Mr.M.Vijayan	Internal Members	15.07.21
18.	Mr.P.Senthil Kumar		
19.	Ms.S.Pavithra		
20.	Mr.K.S.Murugesan		
21.	Mr.R.Gopalan		
22.	Ms.K.Kavitha		online.
23.	Mr.N.Karthikeyan		
24.	S.Pooranachandran		15/7/2021
25.	Mr.G.Boopathi Raja		15.7.21
26.	Ms.T.Sathya		T. Sathya 15.7.21
27.	Mr.S.Nachimuthu		online
28.	Ms.P.Nandhini		online.
29.	Mr.K.K.Pradeep		K.K. Pradeep 15/7.21
30.	Ms.P.Ragavi		15/7/21
31.	Ms.R.Mohanabarathy		online.
32.	Ms.V.Sakthipriya		
33.	Ms.M.Shivaranjani		
34.	Ms.S.Aiswarya		
35.	Ms.M.Ruba		
36.	Ms.C.Santhini		C. Santhini
37.	Ms.R.Hemalatha		online
38.	Ms.Ba.Sindhu		—

15/7/21

Chairperson - BoS (ECE)

Chairperson - BoS
Dept. of ECE - VCET

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University)

Department of ECE

Minutes of Board of Studies Meeting

Name of the Department	:	ECE	Board: ECE
Programme (s)	:	B.E - ECE	
	:	M.E – Applied Electronics	
Date, Time & Venue	:	**17-07-2021 03.00pm** through Google Meet	
Google Meet Link	:	https://meet.google.com/wbx-ysoh-otn	
Meeting Number	:	06	

Agenda of Meeting

1. Review of Curriculum under R-2018
2. Ratification of changes suggested in 5thBoS meeting if any
3. Approval of Syllabus for Value Added Courses under R-2018
4. Approval of online courses chosen by the students for credit transfer
5. Any other matters

The list of members present in the Board of Studies Meeting is given in Annexure – 01

The Chairperson of the Board of Studies welcomed all the members to the meeting for review and ratify the curriculum and syllabi under the Regulation 2018. The items listed in the agenda are taken for discussion one by one. The minutes of the meeting are as follows:

01 - Review of Curriculum& Syllabi under R2018 (BE-ECE)

Discussion:

The entire curriculum and syllabus from 1st to 8th semesters of BE-ECE under R2018 were reviewed.

Resolution:

For BE -ECE, the following suggestions in the R2018 curriculum were given by BoS for the improvement.

Semester 5:

1.1 Interfacing Experiments with 8051 which is available in the course titled "18ECL51 - Microprocessor and Microcontroller Laboratory" may be spllit into

i.Keyboard interfacing
ii.Seven segment display interfacing

Semester 6:

1.2 The reframed syllabus for the course titled "18ECT64–CMOS VLSI Design" is approved.

Semester 7:

1.3 The course titled "18ECL73 –"Internship/IPT/Value Added Practical Courses" may be included with one credit practical courses.

Professional Elective :

1.4 It is suggested to include the professional elective course "18ECE26 - Micro Python" in the seventh semester.

02- Review of entire Curriculum and detailed syllabi of 1st to 4th semesters of ME-AE Programmes under R2018

Discussion:

The entire curriculum and syllabi for 1st to 4th semesters of ME-AE programme under R2018 were reviewed.

Resolution:

It is resolved to continue the same curriculum and syllabus under R2018 for the remaining duration under this regulation for ME-AE programme.

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

Chairperson-BoS

22/7/21

Chairperson - BoS
Dept. of ECE - VC

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
Department of Electrical and Electronics Engineering

Members of Board of Studies

Date:17.07.2021

Attendance

Sl.No.	Name, Designation & Address	Category	Signature
1.	Dr.P. Sakthivel Professor & Head, Department of Electrical and Electronics Engineering, VCET, Erode sakthi.dpt@gmail.com 94439 48051	Chairman	
2.	Dr. S.T. Jaya Christa Associate Professor (Sr. Grade) Department of Electrical and Electronics Engineering MepcoSchlenk Engineering College, Mepco Nagar, Sivakasi-626 005 Email:stchrista@mepcoeng.ac.in Phone: 04562-235310	University Nominee	ONLINE
3.	Dr. I Jacob Raglend Professor Department of Electrical and Electronics Engineering School of Electrical Engineering VIT Vellore Vellore Mail id: jacobraglend.i@vit.ac.in Mobile: 9965853338	Academic Council Nominee	ONLINE
4.	1. Antony Prem Head IT, Mahindra Electric, Bangalore Mail Id:antony.prem@mahindraelectric.com Mobile:9620977477	Industry / Corporate Sector	ONLINE
	2. K.Kumarasamy, BE,ME., Assistant Executive Engineer/Electrical , TANGEDCO/TNEB (O&M) Sathyamangalam Erode (Dt.) Mail:kmsamygowsanju@gmail.com Mobile:9445852164		ONLINE

5.	N. Vaneeswaran. Senior Software Engineer Dell Technologies Dell EMC Corporation, Bagmane World Technology Centre, Doddanekundi, Mahadevpura, Bangalore 560048 Email id:vaneeswaran@outlook.com Mobile: 9688668416	Alumnus	ONLINE.
6.	Dr.M.Sreedhar, Professor	Internal Members	
7.	Dr.C.Gokul Associate Professor		
8.	Dr.K.Vanchinathan Associate Professor		
9.	Mr.M.Saravanan, Assistant Professor (Sl.Gr)		
10.	Mr.P.Rajasekaran Assistant Professor (Sl.Gr)		
11.	Ms.M.Chitra Assistant Professor (Sl.Gr)		
12.	Mr.V.Sabarivelu Assistant Professor (Sl.Gr)		V. Sabarivelu
13.	Mr.S.Hariprasath Assistant Professor (Sr.Gr)		
14.	Mr.D.Rajkumar Assistant Professor (Sr.Gr)		
15.	Ms.S.Yamuna Assistant Professor (Sr.Gr)		
16.	Mr.J.Senthilnath Assistant Professor (Sr.Gr)		
17.	Mr.S.Ashwanth Assistant Professor (Sr.Gr)		
18.	Ms.S.Gokula Brindha Assistant Professor (Sr.Gr)		
19.	Ms.M. Thenarasi Assistant Professor (Sr.Gr)		
20.	Mr.N.Dhatchinamoorthy Assistant Professor		
21.	Mr.R.Pradeep Assistant Professor		
22.	Mr.T. Govindaraj Assistant Professor		
23.	Ms.M. Elakkiya Assistant Professor		

Date:17.07.2021

Chairman – BoS

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University)

Department of Electrical and Electronics Engineering

Minutes of Board of Studies Meeting

Name of the Department : Electrical and Electronics Engineering
Board :Electrical and Electronics Engineering
Programmes : B.E - Electrical and Electronics Engineering
: M.E – Embedded System Technologies
Date, Time & mode : 17.07.2021, 11.00 AM, Online Mode
Meeting Number : 06

Agenda of Meeting

1. Review of Curriculum under R-2018.
2. Ratification of Syllabus under R-2018.
3. Approval of Syllabus for Value added course under R-2018.
4. Approval of online courses chosen by the student for credit transfer.
5. Any other matters.

The list of members present in the Board of Studies Meeting is given in Annexure – 01

The Chairperson/BoS welcome all the members to the 6th meeting of Board of Studies for the ratification of syllabus under R-2018 conducted through online mode. The items listed in the agenda are taken for discussion one by one. The minutes of the meeting are as follows:

01 -- Review of Curriculum under R-2018

Discussion

The following addition is made in the curriculum approved in the 5thBoS meeting

- Professional Elective – III: Introduction of the course 18EEE25 - Robotics and Its Application can be offered.
- Professional Elective – IV: Introduction of the course 18EEE26 - Modern Power Converters can be offered.

Resolution

It is resolved to ratify the changes in Regulations 2018 curriculum of B.E – Electrical and Electronics Engineering programme and the same is submitted to the Academic Council for approval.

02 – Review of Ratification of syllabus under R-2018

Discussion

BoS members reviewed the syllabus of all semester courses, professional electives and open electives under the Regulations 2018 and recommended as below:

S.No	COURSE CODE &TITLE	Recommendation by BoS members
1.	18EEL42 - Linear and Digital Integrated Circuits lab	It is recommended to include an experiment on “Op- Amp: Instrumentation Amplifier”
2.	18EET53 - Microprocessor and Microcontroller	It is proposed to elaborateArduino platform by including topics on “Arduino IDE, Arduino UNO, Arduino programming”

Resolution

It is resolved to recommend the ratified Syllabus under R-2018 to the Academic Council for approval.

03.Approval of Syllabus for Value added course under R-2018.

The following value added courses may be added in the curriculum approved in the 5thBoS meeting

i. Design of Solar UPS for home
ii. Design of Solar PV system for industries
iii. CLAD(Certified LabVIEW Associate Developer) course

04. Approval of online courses chosen by the students for credit transfer

Discussion

As per R-2018, those students who are fulfilling other academic requirements can study one online course provided through SWAYAM-NPTEL platform for the purpose of course equivalency in eighth semester.

Resolution

It is resolved to approve the online courses offered by SWAYAM-NPTEL chosen by the students for credit transfer.

05. Any other Matters

Recommendation by the BoS Members:

- It is recommended to add course related to model based system engineering.
- It is suggested to have Raspberry pi and Aurdino related value added courses.
- It is suggested to conduct Mentor – Mentee program whereas the interested students may join as Mentee and the Alumnus may be Mentors in their related field.

Resolution

The Chairman of BoS assured to incorporate the changes in the syllabi and curriculum as suggested in the meeting by the members where ever possible.

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

27/2/21.

Chairman-BoS

Annexure - 01

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to Anna University)
Thindal post, Erode – 638012.
Ph: (0424) 2244201 - 204, FAX: 0424 2244205, Email: principal@velalarengg.ac.in

Board of Studies (BoS) Meeting
Attendance

Name of the Department : Mechanical Engineering
Meeting No : 06
Date & Time : 17.07.2021 & 02.30 p.m.
Venue : CAD Lab

The names of members present in the Board of Studies is given below

S.No	Name	Position	Signature
1.	Dr. R. Kumaravelan	Chairman	
2.	Dr. S.P. Asok	University Nominee	
3.	Dr. N. Alagumurthi	Academic Nominee	
4.	Dr. K. Jayabal	Academic Expert	ONLINE
5.	Mr. Natarajaperumal Vasudevaraju	Industry Expert	
6.	Mr. C. Nandagopalan	Industry Expert	
7.	Mr. P. Shrinesh	Alumnus	
8.	Dr. M. Jayaraman	Internal Members	
9.	Dr. S. Velumani		
10.	Dr. A. Thirumoorthy		
11.	Mr. S. C. Thiyagarajann		
12.	Mr. K. Ramakrishnan		

S.No	Name	Position	Signature
13.	Mr. M. Gopi	Internal Members	M. Gopi
14.	Dr. R. Prakash		
15.	Mr. D. Senthil Kumar		D. Senthilkumar.
16.	Mr. M. Gokul		
17.	Mr. D. Kesavan		
18.	Mr. T.C.R. Dinesh		
19.	Mr. V. Mohankumar		
20.	Mr. S. Arun Kumar		
21.	Mr. A. Manojkumar		
22.	Mr. E. Ajaikumar		
23.	Mr. L. Arulshankar		
24.	Mr. A.T. Navin Prasad		
25.	Mr. G. Raja		

Chairman - BoS (Mech)

Chairperson - BoS
Dept. of ME - VCET

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution Affiliated to Anna University)
Department of Mechanical Engineering

Minutes of Board of Studies Meeting

(online via Google meet platform)

Name of the Department : Mechanical Engineering Board: Mechanical
Programme (s) : B.E. Mechanical Engineering
Date, Time & Venue : 17.07.2021, 2.30 p.m. CAD Lab
Meeting Number : 06

Agenda of Meeting

1. Review of Curriculum under R 2018
2. Ratification of changes suggested in 5th BoS meeting if any
3. Framing of Syllabus for Open Elective Courses and Value Added Courses
4. Approval of online courses chosen by the students for credit transfer
5. Any other matters

The members presented in the Board of Studies Meeting is given below

S.No	Name	Position	Signature
1.	Dr. R. Kumaravelan	Chairperson	
2.	Dr. S.P. Asok	University Nominee	
3.	Dr. N. Alagumurthi	Academic Nominee	
4.	Dr. K. Jayabal	Academic Expert	
5.	Mr. Natarajaperumal Vasudevaraju	Industry Expert	ONLINE
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7.	Mr. P. Shrinesh	Alumnus	
8.	Dr. M. Jayaraman	Internal Members	
9.	Dr. S. Velumani		
10.	Dr. A. Thirumoorthy		

S.No	Name	Position	Signature
11.	Mr. S. C. Thiyagarajann	Internal Members	
12.	Mr. K. Ramakrishnan		
13.	Mr. M. Gopi		
14.	Dr. R. Prakash		
15.	Mr. D. Senthil Kumar		D. Senthilkumar.
16.	Mr. M. Gokul		
17.	Mr. D. Kesavan		
18.	Mr. T.C.R. Dinesh		
19.	Mr. V. Mohankumar		
20.	Mr. S. Arun Kumar		
21.	Mr. A. Manojkumar		
22.	Mr. E. Ajaikumar		
23.	Mr. L. Arulshankar		
24.	Mr. A.T. Navin Prasad		
25.	Mr. G. Raja		

The chairman of the Board of Studies welcomed all the members to the meeting for framing the syllabus for Open Elective Courses and Value Added Courses under the Regulation 2018. The items listed in the agenda are taken for discussion one by one. The minutes of the meeting are as follows:

01 – Review of Curriculum under R 2018

Discussion:

1. The courses titled
    a. Fundamentals of Ergonomics
    b. Principles of Management and Industrial Psychology and
    c. Safety Measures for Engineers
    shall be offered as Open Electives.
2. The Courses titled 'National Cadet Corps Studies – I' and 'National Cadet Corps Studies – II' shall be offered as Open Electives by the Department of Science and Humanities as per UGC & AICTE Norms (Already approved in the 6th BoS meeting of S&H Department).

3. The courses titled
    a. Finite Element Simulation using ANSYS
    b. Geometric Dimensioning and Tolerancing
    c. Introduction to MASTERCAM
    d. Creo for Design Engineers
    e. Piping Design and Engineering
    f. Fixture design
    g. Machine Learning for Mechanical Engineers
    shall be offered as Value Added Courses.

Resolution:

1. The points specified in 1and 2 have been approved.
2. Point (3) has been approved with the following changes in the name of the courses.
    a. Finite Element Simulation using commercial analysis packages
    b. Geometric Dimensioning and Tolerancing
    c. CAM using commercial software packages
    d. Advanced modules for Design Engineers using CAD Packages
    e. Piping Design and Engineering
    f. Fixture design
    g. Machine Learning for Mechanical Engineers
    shall be offered as Value Added Courses.

02- Ratification of changes suggested in 5th BoS meeting if any

Discussion:

No ratification has been made as there is no change in syllabus.

03- Framing of Syllabus for Open Elective Courses and Value Added Courses

The syllabi for the following courses were approved with the following modifications:

OPEN ELECTIVES

a. Fundamentals of Ergonomics

The syllabus was approved as presented.

b. Principles of Management and Industrial Psychology

   i. In Unit 1, the topic 'Basic Functions of Management – Introduction' shall be modified as 'Functions of Management'.

c. Safety Measures for Engineers

   i. The topics related to 'Environmental Safety' (OHSAS, Paris Agreement etc.,) and 'Indian Factories Act' shall be included in Unit 1.

   ii. The topics 'Prevention from the damages of static electricity' and 'Lighting arrester' shall be included in Unit 2.

   iii. The Unit 3 may be replaced or partially replaced with the topics related to 'First aid'.

VALUE ADDED COURSES

a. Finite Element Simulation using commercial analysis packages

   i. Problems on 'Modelling and Analysis of Advanced Systems' (Coupled field problems and Nonlinear systems) shall be included in Unit 1.

b. Geometric Dimensioning and Tolerancing (GD&T)

   i. Practice exercises on Production Drawing/ Industrial Drawing shall be included.

   ii. The topic 'Surface roughness' shall be included.

c. CAM using commercial software packages

The syllabus was approved as presented.

d. Advanced modules for Design Engineers using CAD Packages

The syllabus was approved as presented.

e. Piping Design and Engineering

The syllabus was approved as presented.

f. Fixture design

The syllabus was approved as presented.

g. Machine Learning for Mechanical Engineers

The syllabus was approved as presented.

RESOLUTION:

The points specified above have been modified and approved.

04 - Approval of online courses chosen by the students for credit transfer

The list of online courses offered by SWAYAM NPTEL presented to the board was approved. It is also suggested to ensure the content of the online course should not be repeated anywhere in the courses offered under R2018 by VCET.

05 – Any other matters

Common points suggested by the members as Concluding Remarks

1. The latest editions of textbooks and reference books shall be prescribed for all the Open Elective courses.
2. Uniformity shall be maintained in the number of textbooks and reference books for all the Open Elective courses.

The chairman of Board of Studies agreed and assured to incorporate the changes wherever possible.

Finally, the chairman of Board of Studies thanked all the members for their valuable suggestions and coordination.

Chairman-BoS

Chairperson - BoS
Dept. of ME - VCET

Annexure - 01

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

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Board of Studies Meeting

Attendance

Name of the Department : B.E. MEDICAL ELECTRONICS
Meeting No : 04
Date & Time : 12.07.2021 & 11:30 am
Venue : MDE Department(Online mode)

Sl.No.	Name	Category	Signature
1.	Dr.V.Chanadrasekaran	Chairman	12/7/2021
2.	Dr. Vijay Jeyakumar	University Nominee	Online Mode
3.	Dr. Judith Justin	External Expert Members	
4.	Dr.P.Manimegalai		
5.	Mr.B.Kannan	Industry / Corporate Sector	
6.	Mr.D.Satheesh	Alumnus	
7.	Dr.M.Pravin Kumar	Internal Members	12/7/21
8.	Ms. K. S.Kausalya Devi		Kausalya 12/7/21
9.	Ms.S.B.Abitha		12/7/2021.
10.	Ms.R.Dhivya		12/7/2021
11.	Mr.P.Prakash		P.M 12/7/21
12.	Ms K. Vanitha		12/7/2021
13.	Mr. S. Surender		12/7/21
14.	Ms. P.Poornima		12/7/21

Chairman - BoS (MDE)
12/7/2021

Chairperson - BoS
Department of MDE, VCET

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University)

Department of Medical Electronics (MDE)

Minutes of Board of Studies Meeting

Name of the Department : **Medical Electronics** Board: **MDE**
Programme (s) : **BE –Medical Electronics**
Date, Time & Venue : **12.07.2021, 11.30am & MDE Department(Online Mode)**
Meeting Number : **04**

Agenda of Meeting

1. Review of Curriculum and Summary under R2018.
2. Detailed curriculum and Ratification of Syllabus -Under R2018.
3. Framing of New Open Elective course syllabus Under R2018.
4. Others

The members presented in the Board of Studies Meeting is given in Annexure – 01

The chairman of the Board of Studies welcomed all the members to the meeting for ratification of changes in syllabus and framing the syllabus for new Elective courses under the regulation 2018. The items listed in the agenda are taken for discussion one by one. The minutes of the meeting are as follows:

01- Review of Curriculum and Summary under R2018

- The BoS members reviewed the curriculum and syllabi of the 1st to 8th semesters of B.E (MDE) Programme.
- Summary of Medical Electronics was explained and discussed with BoS members. It was compatible with AICTE model curriculum at present and the schemes verified.
- Value added Courses for each domain was reviewed and resolved by the Board of Studies members for B.E (MDE) Programme.

02- Detailed curriculum and Ratification of Syllabus -Under R2018.

Discussion:

- The BoS members reviewed the curriculum and syllabi of the 1st to 8th semesters of B.E (MDE) Programme.

Ratification of Syllabus suggested Under R2018

Semester 3:

- For The course "Analog Electronics", board members recommended to include MOSFET and Frequency range of Oscillators in unit 1 and unit 4 and retain the syllabus.

Semester 4:

- In the course "Linear and Digital Integrated Circuits" board members recommended to include Notch filters and Voltage to frequency and Frequency to voltage converters in unit 2 and unit 3 and retain the syllabus.
- For The course "Medical Equipment – I", the subject handling faculty suggested to exclude the topic Pressure amplifiers and mean detector circuit as it acts as subtopic under Blood Pressure monitor. The board members acknowledged the suggestion.
- In the course "Linear and Digital Integrated Circuits Laboratory" board members recommended to include 4 bit Ripple counter and RC phase shift oscillator experiments.

Semester 5:

- In the course "Bio Signal Processing", board members recommended to include Parametric Model in unit 2 and retain the syllabus.
- In the course "Microprocessor and Embedded Controllers", the subject handling faculty suggested to exclude the topic I/O ports and Pin diagram from unit 3 and Relays and optoisolators interfacing from unit 4 respectively. The board members acknowledged the suggestion.
- In the course "Microprocessor and Embedded Controllers Laboratory", it was recommended to include palindrome and factorial operation in the syllabus.

Semester 6:

- For The course "Hospital Engineering and Management", board members recommended to include handling Disaster management in hospitals.
- For The course "Biomaterials and Artificial Organs", the following text books were included,
    1. Sujata V. Bhatt, "Biomaterials", Second Edition, Narosa Publishing House, 2005.
    2. Park J.B., "Biomaterials Science and Engineering", Plenum Press, 1984.

Open Elective Courses:

- The course Medical regulations for devices shall be included in open elective.

- The Board recommended ECE & BME to provide dedicative open electives for the benefit of MDE students.
- In the course "Hospital Waste Management", the board members insisted to exclude steam sterilization and autoclaving from unit 2 and include advanced sterilization techniques.
- In the course "Hospital Information System", the board members insisted to include HIPAA code sets and ICD codes in unit 3.
- A New open Elective course "IoT Applications in Healthcare" was introduced and the syllabus was reviewed and resolved by the Board of Studies members. It was suggested to include Powering wearables - Energy harvesting in unit 3.

- The Board members suggested including Microcontroller and embedded Design aspects course into the curriculum for B.E (MDE) Programme.

Resolution:

It is resolved to recommend the curriculum and syllabi of 1st to 8th semesters of BE(MDE) Programme, value added practical courses, evaluation methods and Question Paper Pattern to the Academic Council for approval.

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

BoS- Chairman(MDE)
12/7/xxi
Chairperson - BoS
Department of MDE, VCET

Annexure - 01

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Board of Studies Meeting
Attendance

Name of the Department : Information Technology
Meeting No. : 06
Date & Time : 14.07.2021, 11:00 A.M.
Venue : Online Mode
(Google Meet Link: https://meet.google.com/wvm-arxr-jpz)

Sl.No.	Name	Category	Signature
1.	Dr. V. K. Manavalasundaram	Chairman	14/7/21
2.	Dr. V. Vijilesh	University Nominee	Online Mode
3.	Dr. V. Kavitha	Academic Council Members	
4.	Dr. C. Sathiya Kumar		
5.	Mr. S. Elangathir	Industrial Expert	
6.	Mr. M. Vijayendhiran	Alumnus	
7.	Dr. R. Mynavathi	Internal Faculty Members	14/07/2021
8.	Dr. K. Ganesh Kumar		14/7
9.	Dr. S. Viveka		14/7
10.	Ms.R.Menaka		14/7
11.	Ms. T. Premamala		14/7
12.	Ms.T.Nithya		T.Nit
13.	Mr.C.Saravanan		C.Saravanan 14/7

14/7

Chairman - BoS (IT)

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University)

Department of Information Technology

Minutes of Board of Studies Meeting

Name of the Department: Information Technology Board: Information Technology
Programme : B.Tech -Information Technology
Date, Time & Venue : 14.07.2021, 11:00 am, Online Mode
Meeting Number : 06

Agenda of Meeting

- Review of Curriculum under R-2018
- Ratification of syllabus under R-2018
- Approval of syllabus for Value added course under R-2018
- Any other matters

The list of members present in the Board of Studies Meeting is given in Annexure – 1

The Chairperson / BoS welcomed all the members to the 6th meeting of Board of Studies for the ratification of syllabus under R-2018 conducted through online mode. The items listed in the agenda are taken for discussion one by one. The minutes of the meeting are as follows

01 – Review of Curriculum R-2018

Discussion

The following addition is made in the curriculum approved in the 5th BoS meeting.

- Open Elective- Introduction of the course **18ITO05- Principles of Data Science** can be offered to the other programmes.
- Addition of Value Added Courses to the curriculum.

Resolution

It is resolved to ratify the changes in Regulations 2018 curriculum of B.Tech –Information Technology programme and the same is submitted to the Academic Council for approval.

02 – Review of Ratification of syllabus Under R-2018

Discussion

BoS members reviewed the syllabus of all semester courses, professional electives, open electives and value-added courses under the Regulations 2018 and recommended as below:

S.No.	Course Code & Title	Recommendation by BoS members
Core Courses		
1.	**18ITT61 – Mobile Application Development**	It is suggested to include Storage types in Unit 4 and since PHP is a vast concept, it can be removed.
2.	**18ITC61 – Web Technology**	It is suggested to add Angular JS for web service in Unit 5 and related built in lab exercise.
Professional Elective - I		
3.	**18ITE04 – Artificial Intelligence**	• Learning algorithms used in current trend can be given in Unit 4 and can add the topic Natural Language Processing in the fifth unit of AI.

Professional Elective – V		
4.	**18ITE19- Full Stack Development**	• It is recommended to give the Unit-I name as Introduction to Web Applications instead of JSON. • It is proposed to have case study to create a hybrid mobile application instead of Real time application of NODE JS. • REST can be added in the full stack development • HTML and CSS can be specified as HTML-5 and CSS-3 since, they are the advanced versions • It is suggested to change Angular JS as Angular • Open ended Assignments and web applications can be given as assignments for the hands-on practice.
Open Elective		
5.	**18ITO05 – Principles of Data Science**	• Suggested to introduce as new open elective for the students of other programmes.
Value Added Course		
6.	• **18ITV01** – R Programming • **18ITV02** – ANN and Deep Learning • **18ITV03** – Stress Management and Emotional Intelligence • **18ITV04** – Kotlin Programming	• It is suggested to have 4 value added courses. • It is suggested that for the course ANN and Deep learning syllabus can be limited to basics.

Resolution

It is resolved to recommend the ratified Syllabus and Value-added courses under R-2018 to the Academic Council for approval.

03. Approval of online courses chosen by the students for credit transfer

Discussion

As per R-2018, those students who are fulfilling other academic requirements can study one online course provided through SWAYAM-NPTEL platform for the purpose of course equivalency in eighth semester.

Resolution

It is resolved to approve the online courses offered by SWAYAM -NPTEL chosen by the students for credit transfer.

04. Any other Matters

Recommendations by the BoS Members:

- It is recommended to have **Probability and Statistics for Engineers** instead of Probability and Queuing Theory.
- It is suggested to add **Data Science** as a Professional Elective in 7th semester.

- It is suggested to add case studies for the courses such as Object Oriented Programming, Software testing and Quality assurance, Soft Computing and Ethical Hacking.
- It is recommended that the faculties can be grouped according to their specialization.
- It is suggested to have a mandatory course outside the college- MOOC, NPTEL or internships.
- The University Nominee recommended that students can be asked to do Mini projects per semester from the subjects they have learnt in that particular semester.
- It is recommended to sign at least 10 Department specific MoUs and activities can be given based on the industries like:
    - Guest lectures from industry persons
    - Inviting industry people for Project reviews
    - Can be invited as DAB Member
    - Can be collaborated for Internships and Placements
- Github platform can be used for Project Management

The Chairperson of Board of Studies thanked all the members for their valuable suggestions and contribution.

14/7/21

Chairperson-BoS

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, (AUTONOMOUS)

Department of Science and Humanities

Members of Board of Studies

Date: 10.07.2021

Sl.No	Name, Designation & Address	Category	Signature
1.	Dr.M. Eswaramurthi, Professor of Mathematics, Head of Department, Department of Science and Humanities, VCET. Email id:meswaramurthi@gmail.com 94871 49205	Chairman	10/7/21
2.	Dr.A.Anne Dorothy, Assistant Professor(SG)&Head, Department of English, Saveetha Engineering College, Thandalam, Chennai-602105. Email id: annedorathya@saveetha.ac.in Mobile:9994380829	University Nominee & Subject Expert English	online
3	Dr.Sai Sundara Krishnan.G, Professor , Department of Applied Mathematics and Computational Sciences, PSG College of Technology Peelamedu Coimbatore-641001 Email id:ssk.amcs@psgtech.ac.in Mobile:9944139613	External Member &Subject Expert Mathematics	Online
4	Dr.P.N.Palanisamy, Professor & Head, Department of Chemistry, Kongu Engineering College, Perundurai-638052. Email id:drpnp@kongu.ac.in Mobile:9488644390	External Member &Subject Expert Chemistry	Online
5	Dr.K.Tamilarasan, Professor & Head, Department of Physics, Kongu Engineering College, Perundurai-638052. Email id:dr.k.tamilarasan@gmail.com Mobile:9842966128	External Member &Subject Expert Physics	On line
6.	Dr.C.S.Gowri, Professor of Mathematics	Internal Member	10/7/21
7	Dr.K.Rathi, Professor of Mathematics	Internal Member	10/7/21
8	Dr.S.Senthilraj, Asst. Prof. (Sl.Gr.)/ Mathematics	Internal Member	10/7/21
9	Dr.Deepa Jananakumar, Professor and Co-ordinator/Physics	Internal Member	10/7/21

10	Dr.N.Thangaraj, Professor/Physics	Internal Member	10/7/21
11	Dr.S.Ranjitha Assoc.Prof/Physics	Internal Member	S. 10/7/21
12	Dr.K.Manikandan , Professor and Co-ordinator/Chemistry	Internal Member	K. 10/7/21
13	Dr.S.Kalaiselvi Assoc.Prof/ Chemistry	Internal Member	S. 10/7/21
14	Dr.S.Hemalatha Professor and Co-ordinator/English	Internal Member	S.Hemalatha 10/7/21
15	Dr.S.Gomathi, Professor/ English	Internal Member	Online
16	Ms.B.S.Gomathi Assoc.Prof/English	Internal Member	B.S. 10/7/21

Date : 10.07.2021

Chairman-BoS

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Minutes of Board of Studies (BoS) Meeting

Name of the Department : Science and Humanities

Names of the Programmes : B.E. / B.TECH.

Meeting No. : 06

Date & Time : 10.07.2021 & 10.00 a.m.

Venue : Department of Science & Humanities
(Virtual meeting- Platform- Google Meet)

The Chairman of the Board of Studies welcomed all the members to the Sixth Board of Studies meeting and introduced the newly appointed Members of Board of Studies

Agenda of the Meeting:

1. Review of Curriculum under R -2018
2. Framing of NCC Syllabus for 5th & 6th Semester under R-2018
3. Approval of Syllabus and Evaluation methodology for the courses National Cadet Corps Studies – I and National Cadet Corps Studies – II
4. Any other matter

1. Review of Curriculum under R 2018

The members of the Board of Studies discussed the Syllabi under R2018, and it is decided to continue with the same syllabi. No suggestions/ recommendations regarding any additions/ deletions were made.

2. Framing of NCC Syllabus for 5th & 6th Semester under R 2018

1. As per instruction from AICTE, F.No. AICTE/P&AP/NCC-Ge/Circular/2021/, the students who enroll for NCC will have NCC as a General Elective Credit Course with academic credits, in addition to acquiring NCC “B”/ “C” certificates. Hence, syllabi for the courses National Cadet Corps Studies – I and National Cadet Corps Studies – II were prepared and submitted for approval.

3. Approval of Syllabus and Evaluation methodology

Discussion:

The Board reviewed the proposed syllabi for the above courses to be offered from 5th and 6th semester under R 2018 and the following suggestions were made:

Suggestions:

(i) In the course 18GEO01 - National Cadet Corps Studies - I, in the Course Outcome of Unit II, the title 'Display fitness, discipline and confidence, by obeying orders intuitively and immediately' shall be replaced with 'Display discipline, fitness, alertness, obedience and teamwork by taking part in rigorous drills' to denote universality.

(ii) In the course 18GEO02 - National Cadet Corps Studies - II, year of publication is found to be missing. It will be added as '2014' to denote universality.

(iii) In the course 18GEO02 - National Cadet Corps Studies - II, in Unit V, the title 'ARMY SUBJECT' shall be replaced with 'SPECIALIZED SUBJECT (ARMY)' to denote universality.

(iv) The question paper pattern and evaluation methodology was approved as presented.

(v) The Board also suggested extending this facility to students, so that they may opt NCC as 'General Elective Credit Course" from the academic year 2021-2022.

Resolution:

(i) The Board expressed its approval of the syllabi for the both the courses - National Cadet Corps Studies – I and National Cadet Corps Studies – II taking into account that it covers all the relevant topics and training aspects necessary for acquiring NCC "B"/"C" certificate exams.

(ii) The Board recorded its approval and recommended that the following courses shall be offered in higher semesters as a General Elective Credit Course for NCC cadets under R 2018.

(iii)The Board approved the decision to extend the facility to offer the course to students from the academic year 2021-2022 itself.

List of Approved courses with course codes:

- 18GEO01 - National Cadet Corps Studies - I
- 18GEO02 - National Cadet Corps Studies - II

The syllabus was approved as presented.

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

Date: 10.07.2021
Place: VCET

Chairman –BoS (S&H)

Annexure - 01

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
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Board of Studies Meeting
Attendance

Name of the Department : Management Studies (MBA)
Meeting No : 06
Date & Time : 10.07.2021 & 10.00 a.m.
Venue : MBA Seminar Hall & through Online with External Members

Sl.No.	Name	Category	Signature
1.	Dr.T.Vetrivel	Chairman	10/07/2021
2.	Dr. R.Deepa	University Nominee	Online Mode
3.	Dr.P.Vidhya Priya	Academic Council Nominee	Online Mode
4.	Dr.R.Subramaniya Bharathy		Online Mode
5.	Mr.N.Sampathkumar	Industry / Corporate Sector	Online Mode
6.	Mr.P.Vijayakumar		Online Mode
7.	Mr.K.S.Sabhapathi	Alumnus	Online Mode
8.	Dr.D.Muthukrishnaveni	Internal Faculty Members	10/7/2021
9.	Mr.N.Balachandran		N.Balachandran 10/7/2021
10.	Dr. T.Mohanapriya		10/7/2021
11.	Mr. R.Moorthi		10/7/2021
12.	Mrs.S.Janani		S. Janani 10/7/2021

10/7/2021
Chairman - BoS (MBA)

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University)

Department of Management Studies (MBA)

Minutes of Board of Studies Meeting

Name of the Department : Management Studies Board: MBA
Programme (s) : MBA
Date, Time & Venue : 10.07.2021, 10.00 a.m. & MBA Seminar Hall, VCET & through Online with External Members

Meeting Number : 06

Agenda of Meeting

1. Review of Curriculum under R 2018
2. Review of Syllabus under R 2018
3. Ratification of Syllabus for 3rd and 4th Semester under R2018.
4. Any other matters

The members who were present in the Board of Studies Meeting is given in Annexure – 01

The Chairman of the Board of Studies welcomed all the members to the meeting for ratification of the Curriculum and Syllabus for 3rd and 4th Semesters under the Regulation 2018. The items listed in the agenda were taken for discussion one by one. The minutes of the meeting are as follows:

01 - Review of Curriculum & Syllabus under R2018

Discussion:

1. The Board Members recommended giving more attention to Value Added and One Credit Courses for improving the students' practical knowledge on industrial practices.

2. Board of Studies discussed the total of 102 Credits for the MBA programme as per the guideline of AICTE.

Resolution:

1. The above said Value Added Courses and One Credit courses like; E-Marketing Practices, SEBI Practices, Crypto Currencies, etc are included in Third and Fourth Semesters for the requirement of the Industries.

2. The Board of Studies approved the total credits of 102 for MBA Programme.

02 - Ratification of Syllabus for 3rd and 4th Semesters under R2018

Discussion:

1. The contents of 3rd Semester Course 18MST31-Strategic Management of Unit - 3 found some of the Strategies were scattered. These contents are to be brought under a head.
2. Syllabus modifications for 18MSE07-Merchant Banking and Financial Services and 18MSE10-Corporate Finance have been discussed.
3. The Board of Studies recommended inclusion of Topics on the course contents on 18MSL31-Professional Skill Development, 18MSE01-Services Marketing and 18MSE13-Industrial Relations and Labour Welfare Courses.

Resolution:

1. In view of current changes in the course 18MST31-Strategic Management contents, Unit - 3 All the Strategies brought under a head and renamed Grand Strategies. This was discussed in the Meeting and the Members approved the changes in the Syllabus.

2. Syllabus modifications and updates have been done for 18MSE07-Merchant Banking and Financial Services and 18MSE10-Corporate Finance. Course Outcomes have been changed on relating with Units Titles.

3. In the practical course 18MSL31-Professional Skill Development, Online Marketing concepts and support of Social Media for the self growth have been included. In 18MSE01-Services Marketing course, 'Use of Information Technology in Services Marketing' Topic included in 5th Unit and also in 18MSE13-Industrial Relations and Labour Welfare Course, 'Wages Act' topic included at 3rd Unit.

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

Chairman-BoS