



SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956
NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



28 August, 2020

DEPARTMENT OF CIVIL ENGINEERING

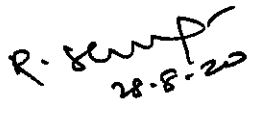
BOARD OF STUDIES MEETING

I. AGENDA

1. Approval of **Curriculum and Syllabi for Third and Fourth Semester** for B.E.-Civil Engineering under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.
2. Approval of **Curriculum and Syllabi for Third and Fourth Semester** for M.E.- **Structural Engineering** under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.
3. Any other points by the permission of the Chair.

II. LIST OF MEMBERS ATTENDED

As per the direction of Anna University, Chennai, the Board of Studies Meeting for the Academic year 2020-2021 for the Department of Civil Engineering held on 28.08.2020 at 10.00 a.m. through Google Meet in IQAC board Room with the presence of internal board members during the COVID - 19 pandemic situation. The following Members were attended the meeting.

S. No.	Name of the Faculty & Designation	Position in Committee	Signature with Date
1	Dr. R. Shanmugam Professor and Head of the Department, Department of Civil Engineering, Sengunthar Engineering College.	Chairman	 28.8.20



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2	Dr. V. M. Shanthy, Professor and Principal, Government College of Engineering, Srirangam, Trichy-620012	University Nominee	Attended through Google Meet
3	Dr. S. S. Chandrasekaran, Professor , School of Civil Engineering, Vellore Institute of Technology, Vellore.	External Subject Expert	Attended through Google Meet
4	Dr. P. T. Ravichandran Professor, Department of Civil Engineering, SRM Institute of Science and Technology, Chennai.	External Subject Expert	Attended through Google Meet
5	Er. S. Devanandan, M.E., (Str) Managing Director, New Premier Constructions Erode.	Industry Expert	Attended through Google Meet
6	Mr. N.R.Manikandan Assistant Professor / Civil	Member	<i>N.R. Manikandan</i> 28/8/2020
7	Mrs. N. Kiruthika Assistant Professor / Civil	Member	<i>N. Kiruthika</i> 28/08/2020
8	Ms. K. Goumathy Assistant Professor / Civil	Member	<i>K. Goumathy</i> 28/08/2020
9	Ms. R. Sri Ranjani Assistant Professor / Civil	Member	Attended through Google Meet
10	Mr. K. R. Kesavan Managing Director Konstruk Designers, Bangalore.	Alumnus	Attended through Google Meet



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III MINUTES OF THE MEETING

The **Chairman of BoS / CIVIL Dr. R. SHANMUGAM** welcomed all the members. Then all the points of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the Members of Board of Studies.

The following corrections were made,

1. **19CET303 – Building Techniques Equipments and Practices** is renamed as **19CET402 – Construction Techniques Equipments and Practices** with 3 credits.
2. **19CET402 – Construction Techniques Equipments and Practices** is swapped to Fourth Semester and **19CET303 – Construction Materials** is swapped to Third Semester with 3 credits.
3. The credits for the courses **19CET403 – Applied Hydraulics Engineering** and **19CET404 – Highway Engineering** in Fourth semester are increased from 3 to 4 credits.
4. **19CEE401 – Strength of Materials and Material Testing** is renamed as **19CEE401 – Strength of Materials**.
5. **19CEE402 – Soil Mechanics and Testing of Soil Properties** is renamed as **19CEE402 – Soil Mechanics**.

After many deliberations, the following resolutions were passed.

1. **It is resolved** to approve the Curriculum and Syllabi offered in Third and Fourth Semester for B.E. – Civil Engineering Programme under regulations 2019 through Choice Based Credit System from the academic year 2020-21 onwards.
2. **It is resolved** to approve the Curriculum and Syllabi offered in Third and Fourth Semester for M.E- Structural Engineering under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.



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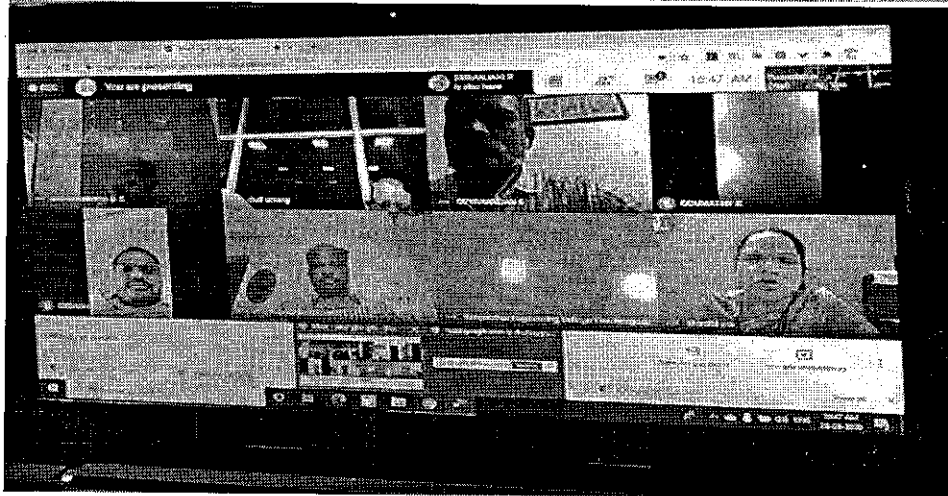
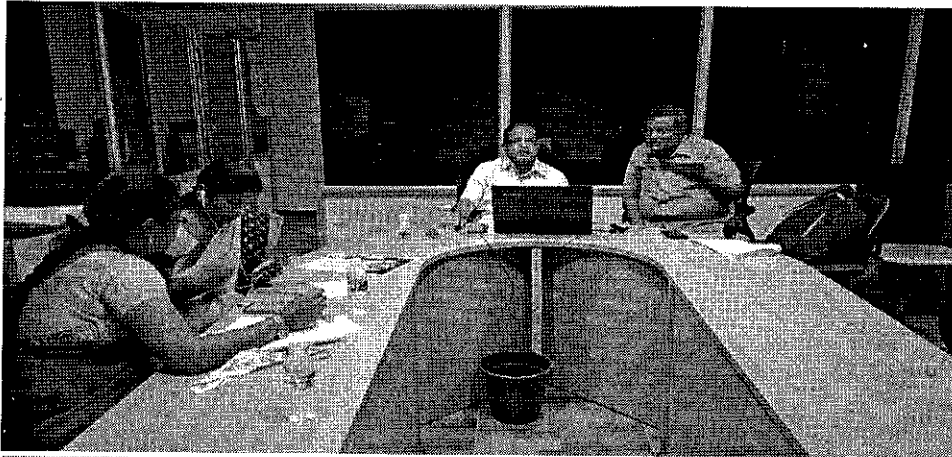
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Prof. Dr. R. Shanmugam, Chairman - BoS / CIVIL proposed the vote of thanks to all the Committee Members of the BoS and expressed gratitude for their suggestions and for making the meeting success.

The google meeting was concluded by 11.00 a.m.



The Audio and Video of the whole meeting has recorded.

R. Shanmugam
28.8.20

(Dr. R. SHANMUGAM)
Chairman
(BoS / CIVIL)



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25 August, 2020

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BOARD OF STUDIES MEETING

I. AGENDA

1. Approval of **Curriculum and Syllabi for Third and Fourth Semester** for B.E-Computer Science and Engineering under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.
2. Approval of **Syllabi for Third and Fourth Semester** for M.E-Computer Science and Engineering under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.
3. Approval of Syllabi for the course **19CSE303 – Data Structures using C** in Third Semester B.E – Electronics and Communication Engineering and the course **19CSE302 – Programming in C and C++** in Third Semester B.E – Electrical and Electronics Engineering under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards
4. Any other points by the permission of the Chair.

II. LIST OF MEMBERS ATTENDED

As per the direction of Anna University, Chennai, the Second Board of Studies Meeting for the Academic year 2020-2021 of the Department of Computer Science and Engineering held on 25.08.2020 at 09.30 a.m. through Google Meet in IQAC Board Room with the presence of Internal Board Members during this COVID 19 pandemic situation. The following Members were attended the meeting.

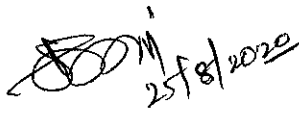



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S. No.	Name of the Faculty & Designation	Position in Committee	Signature with Date
1	Dr. M. Sakthivel Professor and Head/CSE Sengunthar Engineering College.	Chairman	 25/8/2020
2	Dr. N. K. Karthikeyan Professor & Head/ IT Coimbatore Institute of Technology, Coimbatore.	University Nominee	Attended through Google Meet
3	Dr. T. Senthilkumar, AsP/CSE, School of Engineering Amrita Vishwa Vidyapeetam, Coimbatore.	External Subject Expert	Attended through Google Meet
4	Dr. G. Arulkumaran, AsP/CSE, Vel Tech Rangarajan Dr Sagunthala R & D Institute of Science and Technology, Chennai.	External Subject Expert	Attended through Google Meet
5	Mr. S. Ramkumar, Senior - Associate - Projects Cognizant Technology Solutions, Chennai.	Industry Expert	Attended through Google Meet
6	Dr. B. Sujatha Professor / CSE	Member	 25/8/20
7	Dr. G. Jayamurugan Associate Professor / CSE	Member	 25/8/20
8	Mr. K. Ashokkumar Associate Professor / CSE	Member	 25/8/2020
9	Dr.S. Radha Assistant Professor / CSE	Member	 25/8/20



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10	Ms.R.Keerthana Assistant Professor / CSE	Member	R.Kth - 25/8/2020
11	Mr. J. Karthikeyan, Executive Director, Smartificia Technology Private Limited, Coimbatore	Alumnus	Attended through Google Meet

III MINUTES OF THE MEETING

The Chairman of BoS / CSE Dr.M.SAKTHIVEL welcomed all the members. Then all the points of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the Members of Board of Studies.

The following corrections made in,

1. **19CST301 – Data Structures using C** is assigned with 4 credits and changed into **19CST301 – Data Structures** with 3 credits.
2. In **19CSE301 – Object Oriented Programming**, more Real Time Problems may be given as content beyond the syllabus for Practical Part.
3. Credit for the course **19CST401 – Design and Analysis of Algorithms** is changed into 4 by augmenting tutorial hour.
4. In **19CST403 – Software Engineering**, recent advancements such as Agile Methodologies, JIRA tool can be included.
5. The content of the course **19CSE401- Java Programming** in fourth semester is incorporated in other courses such as **19CSE301 Object Oriented Programming** and **19CSE501 Internet Programming**.
6. **19ECE301- Digital Electronics** course is introduced in Third Semester B.E- Computer Science and Engineering and **19EEE302- Microprocessor and Microcontroller** is shifted to fourth semester and code changed to **19ECE503**.



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7. The course code for the subject of **19ECE302 - Data Structures using C** which is prescribed for third Semester B.E. Electronics and Communication Engineering students is changed to **19CSE303**.

After many deliberations, the following resolutions were passed.

1. **It is resolved** to approve the Curriculum and Syllabi for the Third and Fourth Semester B.E. - Computer Science and Engineering Programme under regulations 2019 through Choice Based Credit System from the academic year 2020-21 onwards.
2. **It is resolved** to approve the Curriculum and Syllabi for the Third and Fourth Semester M.E. - Computer Science and Engineering Programme under regulations 2019 through Choice Based Credit System from the academic year 2020-21 onwards.
3. **It is resolved** to approve the Syllabi for the course **19CSE303 – Data Structures using C** in Third Semester B.E – Electronics and Communication Engineering and the course **19CSE302 – Programming in C and C++** in Third Semester B.E – Electrical and Electronics Engineering under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards



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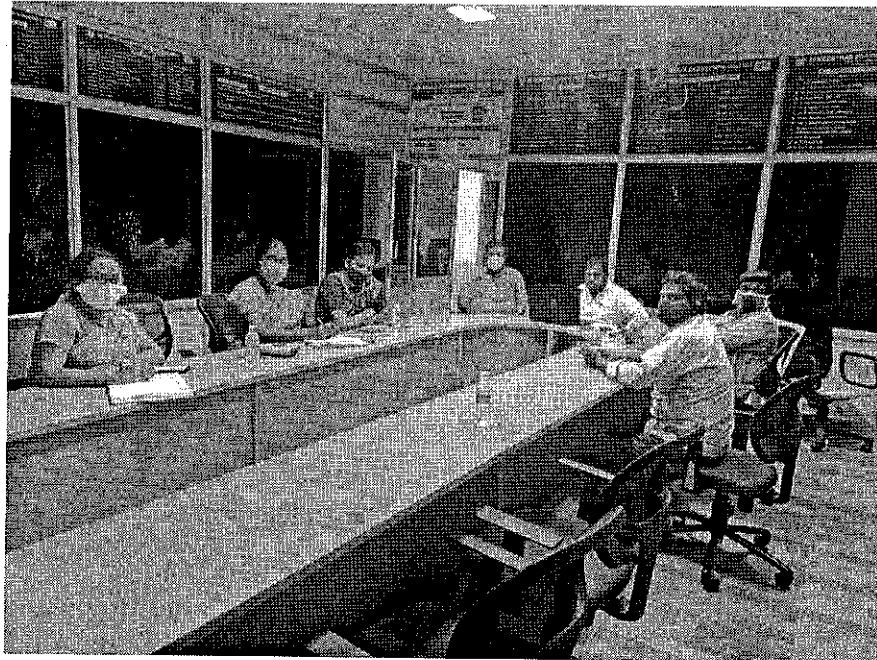
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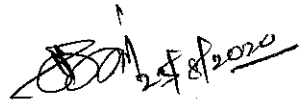


Professor **Dr.B.Sujatha**, Member of BoS / CSE proposed the vote of thanks to all the Committee Members of the BoS and expressed gratitude for their suggestions and for making the meeting success.

The meeting concluded by 11.00 a.m.



The Audio and Video of the Whole Meeting is Recorded.


(Dr.M.SAKTHIVEL)
Chairman
(BoS/CSE)



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26 August, 2020

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING BOARD OF STUDIES MEETING

I. AGENDA

1. Approval of **Curriculum and Syllabi for Third and Fourth Semester** for B.E- Electrical and Electronics Engineering under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.
2. Approval of Syllabi for the courses
 - **19EET304 – Circuit Theory** in Third Semester for B.E. – Electronics and Communication Engineering
 - **19EET303 – Electrical Drives and Control** in Third Semester for B.E. – Mechanical Engineering
 - **19EET403 – Control Systems Engineering** in Fourth Semester for B.E. – Electronics and Communication Engineering

Under Regulations - 2019 through Choice Based Credit System from the academic year 2020 - 21 onwards.

3. Any other points by the permission of the Chair.

II. LIST OF MEMBERS ATTENDED

As per the direction of Anna University, Chennai, the Board of Studies Meeting for the Academic year 2020-2021 for the Department of Electrical and Electronics Engineering held on 26.08.2020 at 01.00 p.m. through Google Meet in IQAC Board Room with the presence of internal board members during this COVID-19 pandemic situation. The following Members were attended the meeting.



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S. No.	Name of the Faculty & Designation	Position in Committee	Signature with Date
1	Dr.K.Umadevi, Professor and Head/EEE Sengunthar Engineering College, Tiruchengode.	Chairman	 26/8/2020
2	Dr.S.Dhanapal, Assistant Professor(Sr) /EEE, IRTT, Erode.	University Nominee	Attended through Google Meet
3	Dr. P. Rajalakshmy, ASP/EIE, Karunya University, Coimbatore.	External Subject Expert	Attended through Google Meet
4	Dr. S. Sujitha, ASP/EEE, New Horizon College of Engineering, Bengaluru.	External Subject Expert	Attended through Google Meet
5	Dr.S.Paramasivam Senior Manager, Donfoss Industries Pvt. Ltd., Chennai.	Industry Expert	Attended through Google Meet
6	Mrs.T.Gohila Associate Professor / EEE	Member	 26/8/20
7	Mr.G.Senthilrajan Associate Professor / EEE	Member	 26/8/20
8	Mr.N.Sivakumar Assistant Professor / EEE	Member	 26/8/20
9	Mr.D.Sathiyaraj Assistant Professor / EEE	Member	 26/8/20



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10	Mr.V.Nanthakumar Assistant Professor / EEE	Member	
11	Er. G. Gnanasekaran, Asst. Engineer, TANGEDCO Erode Town.	Alumnus	Attended through Google Meet

III MINUTES OF THE MEETING

The **Chairman of BoS / EEE Dr. K. Umadevi** welcomed all the members. Then all the points of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the Members of Board of Studies.

The following corrections made:

1. The course code for the subject of **19EET302 – Digital Electronics** which is prescribed in third Semester for B.E. Electrical and Electronics Engineering is changed from **19EET302** to **19ECE301** with 4 credits.
2. The course code for the subject of **19ECT304 – Analog Electronics and Circuits** which is prescribed in third Semester for B.E. Electrical and Electronics Engineering is changed from **19ECT304** to **19EEE301** with 3 credits to 4 credits.
3. The course code and subject name for the subject of **19EEE301 – Linear and Digital Integrated Circuits** which is prescribed in third Semester for B.E. Electrical and Electronics Engineering is changed from **19EEE301 – Linear and Digital Integrated Circuits** to **19EET302 – Linear Integrated Circuits** along with credit change from 4 to 3 credits.
4. The course code for the subject of **19ECT301 – Circuit Theory** which is prescribed in third Semester B.E. Electronics and Communication Engineering students is changed from **19ECT301** to **19EET304**.
5. The course code for the subject of **19ECT403 – Control System Engineering** which is prescribed in third Semester B.E. Electronics and Communication Engineering students is changed from **19ECT403** to **19EET403**.



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After many deliberations, the following resolutions were passed.

1. **It is resolved** to approve the Curriculum and Syllabi for the Third and Fourth Semester B.E. - Electrical and Electronics Engineering Programme under regulations 2019 through Choice Based Credit System from the academic year 2020-21 onwards.
2. **It is resolved** to approve the Syllabi for the courses
 - **19EET304 – Circuit Theory** in Third Semester for B.E. – Electronics and Communication Engineering
 - **19EET303 – Electrical Drives and Control** in Third Semester for B.E. – Mechanical Engineering
 - **19EET403 – Control Systems Engineering** in Fourth Semester for B.E. – Electronics and Communication Engineeringunder Regulations - 2019 through Choice Based Credit System from the academic year 2020 - 21 onwards.
3. **It is resolved** to include simulation software for the applicable courses in Third and Fourth Semester for B.E. - Electrical and Electronics Engineering Programme under regulations 2019 through Choice Based Credit System from the academic year 2020-21 onwards.
4. The name of the subject **Control and Instrumentation (19EEE402)** is proposed to change as **Control Systems Engineering** offered for B.E. – Electrical and Electronics Engineering in fourth semester.

Professor Mrs.T.Gohila, **Member of BoS / EEE** proposed the vote of thanks to all the Committee Members of the BoS and expressed gratitude for their suggestions and for making the meeting success.

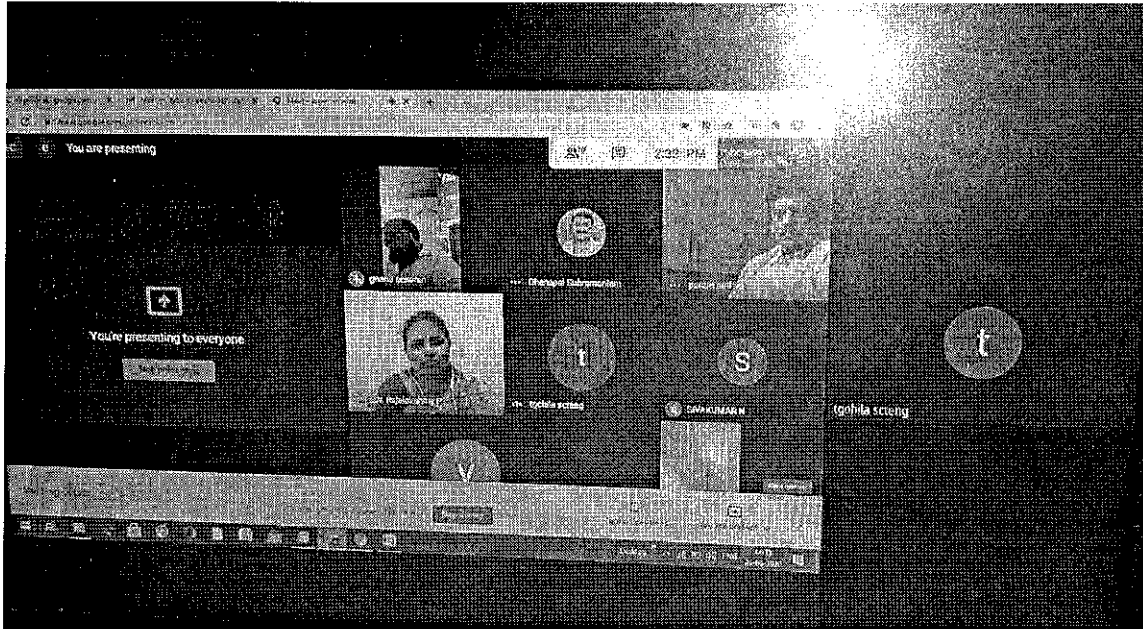
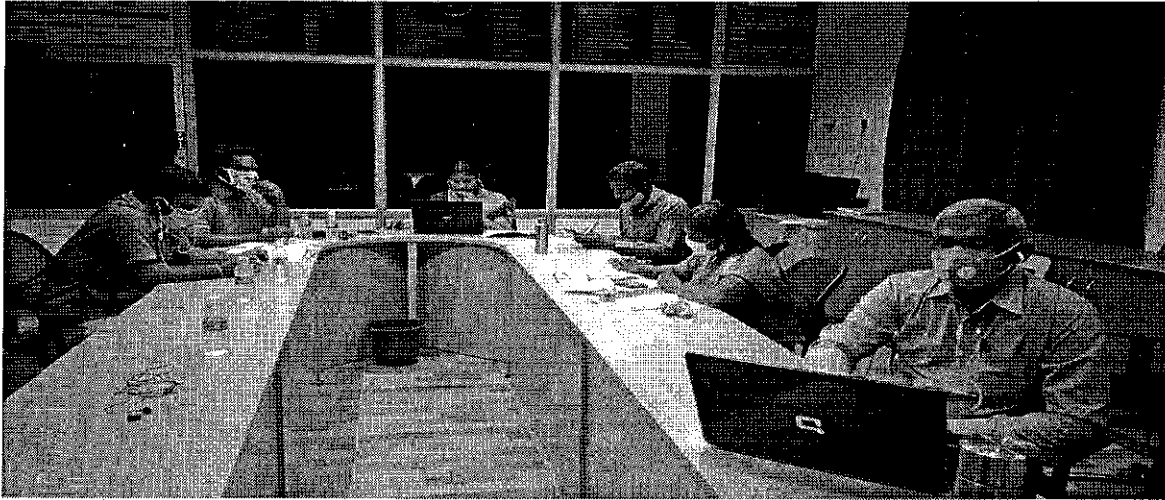
The Google Meeting concluded by 2.30 p.m.



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The Audio and Video of the Whole Meeting has recorded.

Umadevi
26/08/2020
(Dr.K. UMADEVI)
Chairman
(BoS/EEE)



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26 August, 2020

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BOARD OF STUDIES MEETING

I. AGENDA

1. Approval of **Curriculum and Syllabi for Third and Fourth Semester** for B.E-Electronics and Communication Engineering under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.
2. Approval of **Syllabi for Third and Fourth Semester for M.E- VLSI Design** under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.
3. Approval of Syllabi for the course **19ECE301 – Digital Electronics** in Third Semester B.E – Electrical and Electronics Engineering and the course **19ECE301 – Digital Electronics** in Third Semester B.E- Computer Science and Engineering, and **19ECE401 – Communication Theory** in Fourth Semester B.E-Electronics and Communication Engineering and **19CSE303 – Data Structures using C** in Third Semester B.E – Electronics and Communication Engineering under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.
4. Any other points by the permission of the Chair.

II. LIST OF MEMBERS ATTENDED

As per the direction of Anna University, Chennai, the Board of Studies Meeting for the Academic year 2020-2021 for the Department of Electronics and Communication Engineering held on 26.08.2020 at 12.30 p.m. through Google Meet during this COVID 19 pandemic situation. The following Members were attended the meeting.

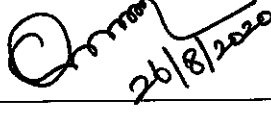
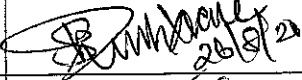
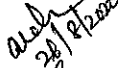
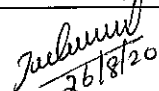
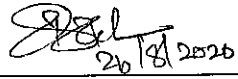
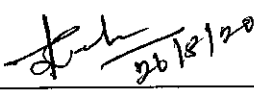


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1	Dr.C.Aarthi Professor and Head/ECE Sengunthar Engineering College	Chairman	 26/8/2020
2	Dr. M. Santhanalakshmi AsP/ECE, PSG College of Technology, Coimbatore	University Nominee	Attended through Google Meet
3	Dr. S. Dhanalakshmi Professor / ECE SRM IST Chennai	External Subject Expert	Attended through Google Meet
4	Dr. P. Anandan Professor / ECE Vel Tech Rangarajan Dr Sagunthala R & D Institute of Science and Technology, Chennai.	External Subject Expert	Attended through Google Meet
5	Dr. A. Athif Shah Managing Director ABE Semiconductor Designs Chennai.	Industry Expert	Attended through Google Meet
6	Dr. P. Ramesh Kumar Professor / ECE	Member	 26/8/20
7	Mr. A. Rahul Assistant Professor / ECE	Member	 26/8/2020
8	Mr. M. Jayakumar Assistant Professor / ECE	Member	 26/8/20
9	Mr. P. Gopinath Assistant Professor / ECE	Member	 26/8/2020
10	Mr. A. Suresh Assistant Professor / ECE	Member	 26/8/20
11	Mr. T. Sabarinathan Team Lead, L&T Infotech, Bangalore	Alumnus	Attended through Google Meet



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III MINUTES OF THE MEETING

The Chairman of BoS / ECE Dr.C.AARTHI welcomed all the members. Then all the points of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the Members of Board of Studies.

The following corrections made in,

1. **19ECE401 – Electronic Circuits** is shifted to third semester from fourth semester and the course code **19ECE401** is changed into **19ECE302** with 4 credits.
2. **19ECT303 – Measurements and Instrumentation** is shifted to fourth semester from third semester and the course code **19ECT303** is changed into **19ECT402** with 3 credits.
3. **19ECT401 – Communication Theory** course is introduced with Embedded Lab in fourth semester B.E-Electronics and Communication Engineering and the Course code is changed as **19ECE401 – Communication Theory** with 4 credits.
4. **19ECE301- Digital Electronics** course is introduced in Third Semester B.E-Computer Science and Engineering and Third Semester B.E-Electrical and Electronics Engineering.
5. **19EEE302- Microprocessor and Microcontroller** is shifted to fourth semester B.E-Computer Science and Engineering and the code is changed to **19ECE503**.
6. The course code for the subject of **19ECE302 - Data Structures using C** which is prescribed for third Semester B.E. Electronics and Communication Engineering students is changed to **19CSE303**.
7. All the course codes are rearranged in Sequential order.



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After many deliberations, the following resolutions were passed.

1. **It is resolved** to approve the Curriculum and Syllabi for the Third and Fourth Semester **B.E.–Electronics and Communication Engineering** Programme under regulations 2019 through Choice Based Credit System from the academic year 2020-21 onwards.
2. **It is resolved** to approve the Curriculum and of Syllabi for Third and Fourth Semester **M.E- VLSI Design** Programme under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.
3. It is resolved to approve the Syllabi for the course **19ECE302 – Electronic Circuits** in Third Semester B.E-Electronics and Communication Engineering, and the Syllabi for the course **19ECT402 – Measurements and Instrumentation and 19ECE401 – Communication Theory** in fourth semester B.E-Electronics and Communication Engineering under Regulations-2019 through Choice Based Credit System from the academic year 2020-21.
4. **It is resolved** to approve the Syllabi for the course **19CSE303 – Data Structures using C** in Third Semester B.E – Electronics and Communication Engineering and the course **19ECE301- Digital Electronics** in Third Semester B.E – Electrical and Electronics Engineering and Third semester B.E- Computer Science and Engineering under Regulations-2019 through Choice Based Credit System from the academic year 2020-21.

Professor **Dr.P.Rameshkumar, Member of BoS / ECE** proposed the vote of thanks to all the Committee Members of the BoS and expressed gratitude for their suggestions and for making the meeting success.

The meeting concluded by 1.30 p.m.



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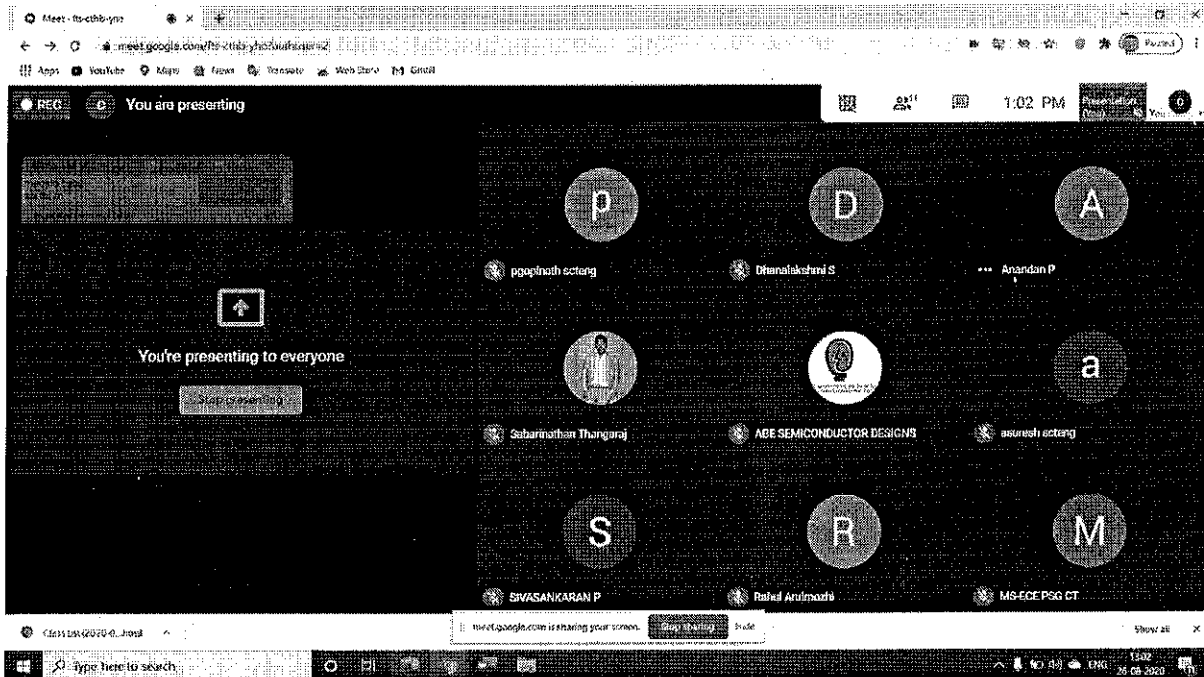




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The Audio and Video of the whole meeting has recorded.

(Handwritten signature)
26/8/2020

(Dr.C.AARTHI)
Chairman
(BoS/ECE)



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26 August, 2020

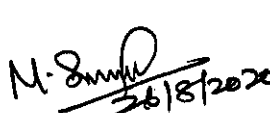
DEPARTMENT OF MECHANICAL ENGINEERING BOARD OF STUDIES MEETING

I. AGENDA

1. Approval of Curriculum and Syllabi for Third and Fourth Semester for B.E - Mechanical Engineering under Regulations - 2019 through Choice Based Credit System from the academic year 2020 - 21 onwards.
2. Any other points by the permission of the Chair.

II. LIST OF MEMBERS ATTENDED

As per the direction of Anna University, Chennai, the Second Board of Studies meeting for the Academic year 2020-2021 of the Department of Mechanical Engineering held on 26.08.2020 at 11.00 a.m. through Google Meet in IQAC board Room with the presence of internal board members during this COVID-19 pandemic situation. The following Members attended the meeting.

S. No.	Name of the Faculty & Designation	Position in Committee	Signature with Date
1	Dr.M.Selvakumar Professor and Head/ Mech Sengunthar Engineering College.	Chairman	 26/8/2020
2	Dr.M.Nataraj Professor and Principal, Government College of Engineering, Tirunneveli	University Nominee	Attended through Google Meet
3	Dr.P.Ponnusamy Professor/Mechanical VIT Vellore, Chennai	External Subject Expert	Attended through Google Meet



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4	Dr.M.Chandrasekaran Director/Mechanical Vels University, Pallavaram, Chennai	External Subject Expert	Attended through Google Meet
5	Er.V.C.Mahaadevan Manager, Renault Nissan Technology & Business Centre India Private Limited, Mahendra World city SEZ, Natham, Tamilnadu.	Industry Expert	Attended through Google Meet
6	Mr. N.Thiru Senthil Adhiban Assistant Professor / Mech	Member	<i>N.Thiru</i> 26/8/20
7	Mr. P.Jagadeeswaran Assistant Professor / Mech	Member	Attended through Google Meet
8	Mr.C.Mohankumar Assistant Professor / Mech	Member	<i>Mohankumar</i> 26/8/20
9	Mr. S.Murugesan Assistant Professor / Mech	Member	<i>Murugesan</i> 26/8/20
10	Mr. N.Saravanan Assistant Professor / Mech	Member	Attended through Google Meet
11	Mr. S.Mahendran AQUAJET Machine Tool Chennai - 95.	Alumnus	Attended through Google Meet



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III MINUTES OF THE MEETING

The Chairman of BoS / Mechanical Dr.M.Selvakumar welcomed all the members. Then all the points of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the Members of Board of Studies.

After many deliberations, the following resolutions were passed.

- 1. It is resolved** to approve the Curriculum and Syllabi of Third and Fourth Semester for B.E - Mechanical degree course offered under Regulations - 2019 through Choice Based Credit System from the academic year 2020 - 21 onwards
- 2. It is resolved** to upgrade the subject 19MET401 - Manufacturing Technology - II as Embedded subject for enhancing the practical knowledge of the subject and the credit points also increased from 3 to 4. So, The subject code is also changed from 19MET401 to 19MEE404
- 3. It is resolved** to approve the subject 19MET403 – Composite Materials and Mechanics as Embedded course with 4 credit points, since it is one of the emerging subjects in Mechanical field. The subject code is changed from 19MET403 to 19MEE403. Subsequently, the subject code 19MET401 has given to the subject Engineering Metallurgy instead of 19MET402
- 4. It is resolved** to upgraded the overall credit points as 23 because of the changing of theory subjects into Embedded subjects

Mr.N.Thiru Senthil Adhiban, Member of BoS / Mechanical proposed the vote of thanks to all the Committee Members of the BoS and expressed gratitude for their suggestions and for making the meeting success.

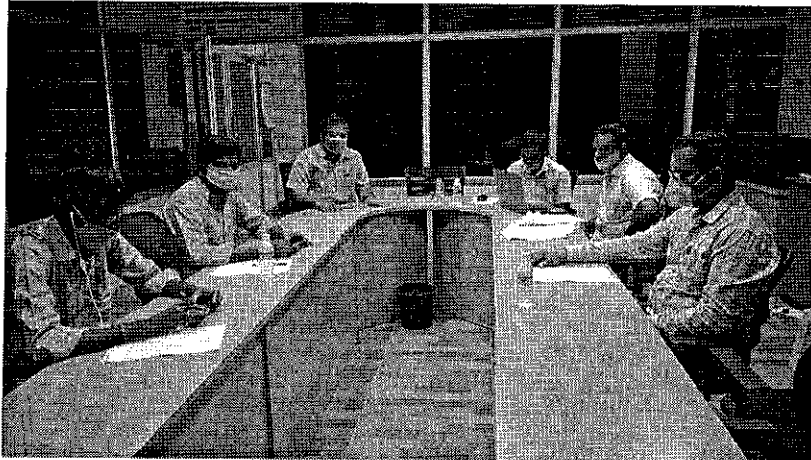
The google meeting was concluded by 12.30 p.m.



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• To understand the working of machine tools namely lathe, shaping & filed machines, milling, cutting & planer machines, grinding & allied machines and broaching

• To understand the basic concepts of Computer Numerical Control (CNC) of machine tools and CNC Programming.

UNIT I THEORY OF METAL CUTTING

Mechanics of chip formation - Orthogonal and Oblique cutting - Machining forces - Merchant's Circle Diagram - Thermal aspects of metal machining - Cutting fluids - Machinability - Cutting tool materials - Tool wear - Tool life calculations.

UNIT II LATHE AND MILLING MACHINE

Lathe machine - Centre lathe, tool nomenclature, operations, machining time and power estimation - Milling - specifications - types - cutter nomenclature - operations - milling processes - indexing - gear forming.

UNIT III SHAPER, MILLING AND GEAR CUTTING MACHINES

Shaper - Types of operations, Drilling, reaming, boring, Tapping, Milling operations - types of milling cutter, Gear cutting - forming and generation principle and construction of gear making, hobbing and gear shaping processes - finishing of gears.

UNIT IV GRINDING AND GEAR GENERATION

Grinding - types of grinding - grinding wheel designation and selection - honing, lapping, super finishing, polishing and buffing, Gear generation - gear shapers and gear hobbing - specifications.

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The Audio and Video of the whole meeting has recorded.

M. Selvakumar
26/8/2020
(Dr.M.Selvakumar)
Chairman
(BoS/Mechanical)





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25 August, 2020

DEPARTMENT OF SCIENCE AND HUMANITIES BOARD OF STUDIES MEETING

I. AGENDA

1. Approval of Syllabi for the categories mentioned below for B.E. programmes in the third and fourth semester under Regulations 2019 through Choice Based Credit System from the academic year 2020-21 onwards.

S.No	Category	Semester	Course Code	Course Name
01	Employability Enhancement Courses (EEC)	III & IV	19EEC301	Communication Skills
02	Basic Sciences (BS)	III	19MAT301	Transforms and Partial Differential Equations
03	Basic Sciences (BS)	IV	19MAT401	Probability and Queueing Theory
			19MAT402	Probability and Random Processes
			19MAT403	Numerical Methods
			19MAT404	Statistics and Numerical Methods

2. Any other points by the permission of the Chair.

II. LIST OF MEMBERS ATTENDED

As per the direction of Anna University, Chennai, the Second Board of Studies meeting for the Academic year 2020-2021 of the Department of Science and Humanities held on 25.08.2020 at 11.00 a.m. through Google Meet in IQAC board Room with the presence of internal board members during this COVID-19 pandemic situation. The following Members attended the meeting.


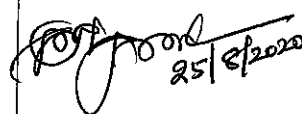
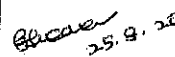
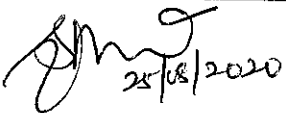


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S. No.	Name of the Faculty & Designation	Position in Committee	Signature with Date
1	Dr. K. L. Palanisamy Professor and Head/S&H Sengunthar Engineering College.	Chairman	 25/8/20
2	Dr. K. Sankar Associate Professor / Mathematics, CEG Campus, Anna University, Chennai	University Nominee	Attended through Google Meet
3	Dr. V. Rajasekaran Assistant Professor, (Sr)/Div. of English, VIT, Chennai-600127.	External Subject Expert	Attended through Google Meet
4	Dr. R. Nandhakumar Associate Professor / Chemistry, Karunya Institute of Technology and Sciences, (Deemed to be University), Coimbatore.	External Subject Expert	Attended through Google Meet
5	Dr. M. Saminathan Managing Director, Muthuraman Laboratories, Erode.	Industry Expert	Attended through Google Meet
6	Mr. P. Thangarasu Associate Professor / Chemistry	Member	 25/8/2020
7	Mr. G. Ayyanar Assistant Professor / Mathematics	Member	 25.8.20
8	Mrs. S. Bhuvana Assistant Professor /English	Member	 25/8/2020



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9	Dr. K. Vignesh Assistant Professor /Physics	Member	
10	Mr. S. Sureshsugumar Assistant Professor /Mathematics	Member	
11	Er. M. Prabhu Lead, Impiger Technologies Private Limited, Coimbatore	Alumnus	Attended through Google Meet

III MINUTES OF THE MEETING

The Chairman of BoS / S&H Dr.K.L. Palanisamy welcomed all the members. Then all the points of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the Members of Board of Studies.

I. The following corrections made in Communication Skills (19EEC301)

1. In Unit III - Under speaking skill "Just a minute (JAM) talk" is added.
2. In Unit V - As per the guidance of BoS member Under writing skill Argumentative, Descriptive and Comparative Essays, Creative writing are added.
3. In curriculum the same subject (19EEC301 Communication Skills) is prescribed for B.E. Civil Engineering and B.E. Mechanical Engineering in the fourth semester with the course code of 19EEC401. Since, the course name and syllabus are same the course code is changed to 19EEC301 instead of 19EEC401.

II. The following Corrections are made in Transforms and Partial Differential Equations (19MAT301)

1. In Unit V – Formation of Difference Equations is removed.
2. Corrections made in the fifth outcome that is " Use the effective mathematical tools for the solutions of Partial Differential Equations by using Z transform techniques for discrete time systems" is changed as "Use the effective



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mathematical tools for the solutions of difference equations by using Z transform techniques for discrete time systems” .

After many deliberations, the following resolutions were passed.

1. **It is resolved** to approve Syllabi for the categories mentioned below for B.E. programmes in the third and fourth semester under Regulations 2019 through Choice Based Credit System from the academic year 2020-21 onwards.

S.No	Category	Semester	Course Code	Course Name
01	Employability Enhancement Courses (EEC)	III & IV	19EEC301	Communication Skills
02	Basic Sciences (BS)	III	19MAT301	Transforms and Partial Differential Equations
03	Basic Sciences (BS)	IV	19MAT401	Probability and Queueing Theory
			19MAT402	Probability and Random Processes
			19MAT403	Numerical Methods
			19MAT404	Statistics and Numerical Methods

2. It is resolved to conduct three continuous assessments and no end semester examination for Communication Skills (19EEC301) as per 2019 regulations.
3. **It is resolved** that External faculty members those who are having more than 5 years of Teaching experiences in engineering colleges will be permitted to setup the above said Basic Sciences (BS) theory question papers for the end semester examinations.



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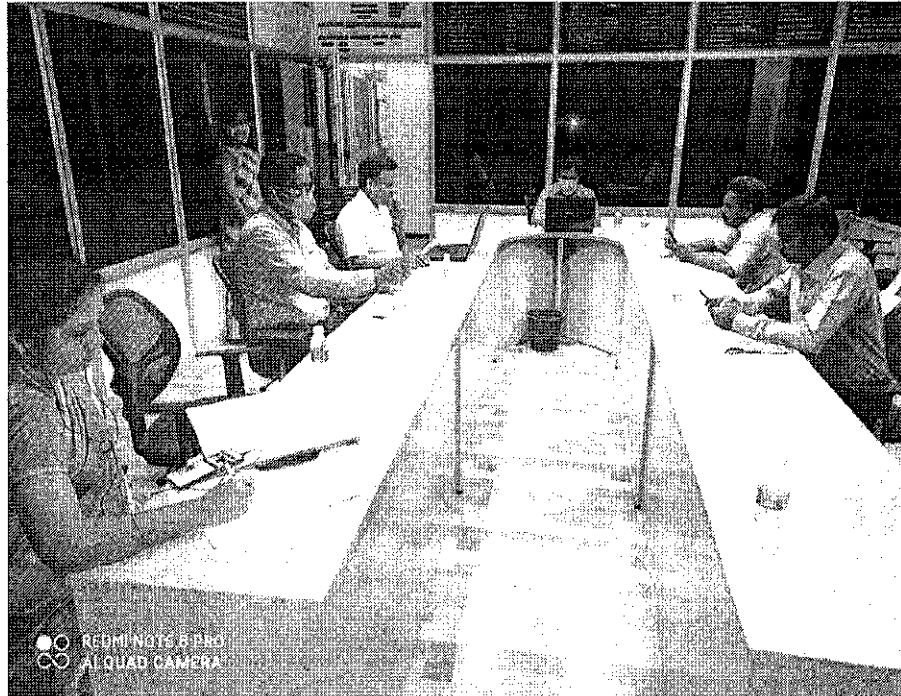
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4. It is resolved that External and Internal faculty members those who are having more than 3 years of Teaching experiences in engineering colleges will be permitted to evaluate the above said Basic Sciences (BS) answer papers for the end semester examinations.

Mrs. S. Bhuvana, Member of BoS / S&H proposed the vote of thanks to all the Committee Members of the BoS and expressed gratitude for their suggestions and for making the meeting success.

The google meeting was concluded by 1.00 p.m.



The Audio and Video of the whole meeting is recorded.


(Dr.K.L.Palanisamy)
Chairman
(BoS/S&H)



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26 August, 2020

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION BOARD OF STUDIES MEETING

I. AGENDA

1. Approval of **Curriculum and Syllabi for Third and Fourth Semester** for Master of Business Administration under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.
2. Any other points by the permission of the Chair.

II. LIST OF MEMBERS ATTENDED

As per the direction of Anna University, Chennai, the Second Board of Studies Meeting for the Academic year 2020-2021 of the Department of Master of Business Administration held on 26.08.2020 at 10.30 a.m. through Google Meet in MBA Department with the presence of Internal Board Members during this COVID 19 pandemic situation. The following Members were attended the meeting.

S. No.	Name of the Faculty & Designation	Position in Committee	Signature with Date
1	Dr. P. Govindasamy Professor and HoD/M.B.A., Sengunthar Engineering College, Tiruchengode.	Chairman	 26/8/2020
2	Dr. J. Ashok, Director- School of Management Studies, Bannari Amman Institute of Technology, Sathyamangalam-638401.	University Nominee	Attended through Google Meet
3	Dr. P. Ravi Professor, Department of Management Studies, Manonmaniam Sundaranar University, Tirunelveli.	External Subject Expert	Attended through Google Meet
4	Dr. S. A. Senthil Kumar, Professor & Head Department of Management Studies, Pondicherry University, Karaikal Campus, Karaikal.	External Subject Expert	Attended through Google Meet

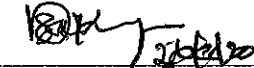
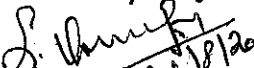
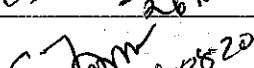
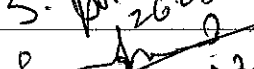


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5	Mr. Ramamoorthy Sundaram, Chief Executive Officer, M/s. R.G. Sundhar & Co., M/s. R.G.S.Vet Nutraceuticals Coy., Erode.	Industry Expert	Attended through Google Meet
6	Mr. V. Saravana Kumar Assistant Professor / MBA/SEC	Member	
7	Mrs. S. Umamaheswari Assistant Professor / MBA/SEC	Member	
8	Mr. S. Jaikumar Assistant Professor / MBA/SEC	Member	
9	Mr. J. Vijayakamal Assistant Professor / MBA/SEC	Member	
10	Mr. T. Vadivel Deputy Manager – Admin. & HR, GEECO Enercon Private Limited, D/C 6, SIDCO Industrial Estate, Thuvakudy, Tiruchy – 15.	Alumnus	Attended through Google Meet

III MINUTES OF THE MEETING

The Chairman of BoS / M.B.A. Dr. P. Govindasamy welcomed all the members. Then all the points of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the Members of Board of Studies.

1. Being the MBA programme is a part of industry oriented, creating exposure among the students about the recent trends in industry through various industrial projects, field visit, seminar presentations, outbound training activities etc., to outfit themselves with the industry.
2. As the Entrepreneurship Development course is being offered only as an elective, it can be given in the core subjects.
3. Since it is a PG programme, number of Internal assessment tests can be reduced to two and give weightage to analytical skills of the students.
4. More open access software may be used to teach students in the practical laboratories.
5. HR electives may incorporate and focus on real time issues relating to people management.



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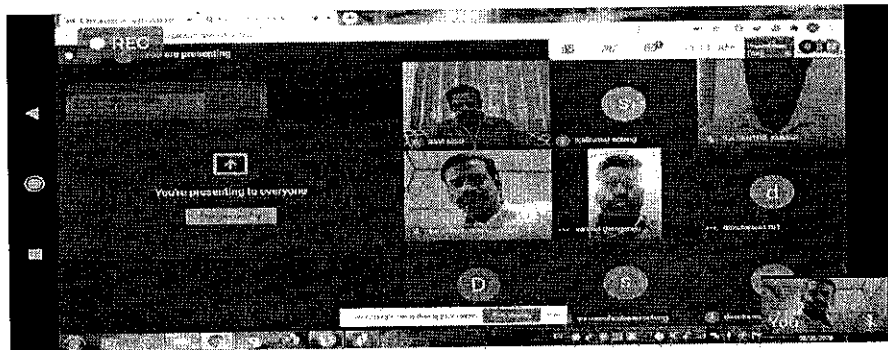
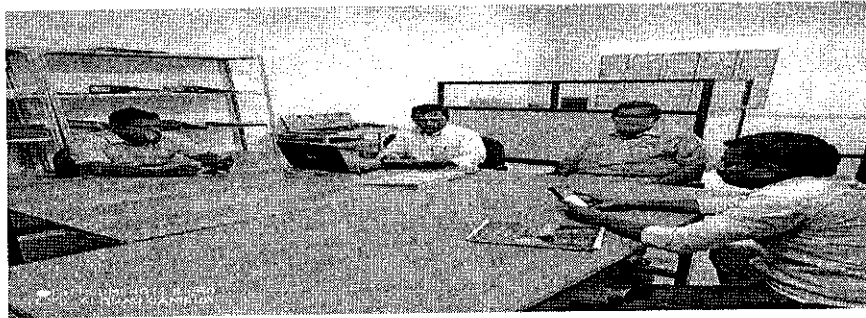


After many deliberations, the following resolutions were passed.

1. It is resolved to approve Curriculum and Syllabi for Third and Fourth Semester for Master of Business Administration under Regulations-2019 through Choice Based Credit System from the academic year 2020-21 onwards.
2. It is resolved to approve the syllabi 19EEC302 – Entrepreneurship Development Activity under Employability Enhancement course offered for all the B.E. Programmes.

Mr. V. Saravanakumar, Member of BoS / M.B.A. proposed the vote of thanks to all the Committee Members of the BoS and expressed gratitude for their suggestions and for making the meeting success.

The meeting was concluded by 11.30 A.M.



The Audio and Video of the Whole Meeting has been recorded.

P. Govindasamy
20/8/2020
(Dr.P.Govindasamy)
Chairman
(BoS/MBA)