

Department of Aeronautical Engineering

**PSN College of Engineering and Technology (Autonomous)**

Melathediyoor, Tirunelveli - 627152

**11<sup>th</sup> Board of Studies Meeting**

Mode: Through Online (Meeting Link: [meet.google.com/isj-uqur-avz](https://meet.google.com/isj-uqur-avz))

Venue: Aero Seminar Hall

Date & Time: 29.01.2021 & 10.30 AM

**AGENDA**

- BoS/Aero: 11.1 : Welcome and Opening remarks of Chairman/BoS.
- BoS/ Aero: 11.2 : Confirmation of Minutes of previous BoS meeting.
- BoS/ Aero: 11.3 : Business brought forward by the Chairman/BoS
- 11.3.1: Approval of syllabus for semesters VII and VIII under Regulation 2018
- 11.3.2: Approval of syllabus for Value Added Courses.
- Bos/ Aero: 11.4 : Vote of thanks by Dr.K.Chandrasekar, Prof / Aero

Department of Aeronautical Engineering

**PSN College of Engineering and Technology (Autonomous)**

Melathediyoor, Tirunelveli - 627152

**11<sup>th</sup> Board of Studies Meeting**

Mode: Through Online (Meeting Link: [meet.google.com/isj-uqur-avz](https://meet.google.com/isj-uqur-avz))

Venue: Aero Seminar Hall

Date & Time: 29.01.2021 & 10.30 AM

**MINUTES OF 11<sup>th</sup> BOARD OF STUDIES MEETING**

The 11<sup>th</sup> Board of Studies meeting of Department of Aeronautical Engineering was held on **29.01.2021** at Aero Block Seminar Hall.

**Members Present:**

- |   |                     |
|---|---------------------|
| 1. Dr. N.Vijay Ponraj   | -Chairman           |
| 2. Dr.J.Bruce Ralphin Rose,<br>Associate Professor-Aeronautical Engineering<br>Anna University Regional Centre Tirunelveli                        | -UniversityNominee, |
| 3. Dr. R.Kannan,<br>Associate Professor-SG<br>Aeronautical Engineering,<br>Amirta Vishwa Vidya Peetam University<br>Coimbatore.                   | -External Member    |
| 4. Dr. T.Annilkumar,<br>Associate Professor<br>Aeronautical Engineering,<br>Noorul Islam Centre for Higher Education<br>(Deemed to be University) | -External Member    |
| 5. Dr.R.Sujithkumar,<br>Scientist "G", Head-PRL Division<br>Vikram Sarabai Space Centre<br>Thiruvananthapuram.                                    | -Industry Expert    |
| 6. Dr.K.Chandrasekar  | -Internal Member    |
| 7. Mr.A.Kasi Viswanathan  | -Internal Member    |
| 8. Mr.K.Esakkimuthu   | -Internal Member    |
| 9. Mr. M.Godwin Joe   | -Internal Member    |
| 10. Er. G.R.Ranjith   | -Alumni             |

**BoS/Aero: 11.1 :Welcome and Opening remarks of Chairman/BoS.**

The Chairman, BoS (Dr. N.VijayPonraj) welcomed and introduced the members present in the meeting and briefed them about the department activities.

**BoS/Aero: 11.2 :Confirmation of Minutes of previous BoS meeting.**

The minutes of the 10<sup>th</sup> Board of Studies meeting held on **10.12.2019** were communicated to the members. The comments received have been incorporated and placed in the 11<sup>th</sup> Academic Council. The same was approved by the 11<sup>th</sup> Academic council.

**BoS/Aero: 11.3.1 :Approval of syllabus for semesters VII and VIII under Regulation 2018.**

The Chairman, BoS (Aero) placed the syllabus framed for VII and VIII Semester B.E. Aeronautical Engineering under Regulation 2018 (*vide Annexure I*) for discussion and approval by the Board.

**RESOVLED TO APPROVE** the syllabus framed for VII and VIII Semester B.E. Aeronautical Engineering under Regulation 2018.

**BoS/Aero: 11.3.2 :Approval of syllabus for Value Added Courses.**

The Chairman, BoS (Aero) placed the syllabus and course duration (*vide Annexure II*) for the following value added courses offered by the department for the students coming under Regulation 2018 for approval by the Board.

- 1) Geometric Dimensioning & Tolerancing.
- 2) RC Modelling.
- 3) Numerical Simulation of flow around aerofoil.
- 4) Technical Author and Technical Publications.
- 5) Fiber Composite Materials –Processes and Manufacturing
- 6) Engine Data Analytics.

**RESOVLED TO APPROVE** the syllabus and course duration for the value added courses offered by the department for the students coming under Regulation 2018.

After a brainstorming discussion among the members, the suggestions given by them were incorporated in the syllabi.

It is further resolved to recommend the syllabi approved by the Board of Studies , Aeronautical Engineering to the Academic Council for further approval.

**Bos/Aero: 11.4 :Vote of thanks**

Dr. K.Chandrasekar, Professor/Aero, thanked all the members for attending the meeting and sparing their time for fruitful discussions and the meeting came to an end.

  
Chairman

Board of Studies  
Department of Aeronautical Engineering



Department of Civil Engineering  
**PSN College of Engineering and Technology (Autonomous)**  
Melathediyoor, Tirunelveli - 627152

**10<sup>th</sup> Board of Studies Meeting**

Mode: Through Online (Meeting Link: [https:// https://meet.google.com/xza-sbpm-amh](https://meet.google.com/xza-sbpm-amh))

Venue: HoD Cabin

Date & Time: 10.02.2021 & 02.00 PM

**MINUTES OF 10<sup>th</sup> BOARD OF STUDIES MEETING**

The 10<sup>th</sup> Board of Studies meeting of Department of Civil Engineering was held on 10.02.2021 at HoD Cabin

**Members Present:**

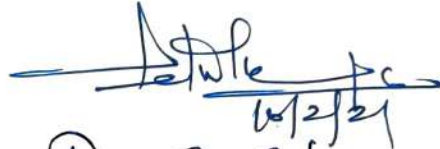
1. **Dr.C. Selvamony** - Chairman
1. **Dr. Nagan** - Nominee, Anna University  
Associate professor,  
Anna University Nominee,  
Thiyagarajar college of Engineering,  
Madurai-15  
Mail.id: [nagan\\_civil@tce.edu](mailto:nagan_civil@tce.edu)  
Mob: 9843526961
2. **Dr. N. Nalanth** - External Member  
Professor,  
NI University, Kumarakovil  
Kanyakumari Dist.  
Mail.id: [nalanth76@gmail.com](mailto:nalanth76@gmail.com)  
Mob: 944344990
3. **Dr.C.Ramesh Babu** - External Member  
Senior Associate Professor,  
Kalasalingam Academy of Research & Education,  
Krishnan Coil, Viruthunagar Dt.  
Email.id: [c.rameshbabu@klu.ac.in](mailto:c.rameshbabu@klu.ac.in)  
Mob: 9487970205
4. **Er.A, Jeyakumar** - Industry experts  
Panel Engineer Class-1A,  
15A,Bharathar Street,Palayamkottai  
Tirunelveli-2,  
Email.id: [ay.jeyakumar@gmail.com](mailto:ay.jeyakumar@gmail.com)  
Mob: 9443340955

5. **Mr.M.Maharajan**  
3/192, Santhi Street  
Krishnapuram  
Tirunelveli - 11  
Email.id: [civilraja92@gmail.com](mailto:civilraja92@gmail.com)  
Mob: 8973738772

- Alumni

6. Dr.P.Subramanian
7. Mr.G.Paulpandi
8. Mr.B.Muthuramu
9. Ms.S.Mahalakshmi
10. Ms.A.Sindhuja

- Internal Member
- Internal Member
- Internal Member
- Internal Member
- Internal Member

  
12/2/21  
① Dr. C. Selvamony  
Chairman / BAE

**BoS/CIVIL: 10.1 : Welcome and Opening remarks of Chairman/BoS**

The Chairman, BoS (Dr.C. Selvamony) welcomed and introduced the members present in the meeting and briefed them about the department activities.

**BoS/ CIVIL: 10.2 : Confirmation of Minutes of previous BoS meeting**

The minutes of the 9<sup>th</sup> Board of Studies meeting held on 24.10.2019 were communicated to the members. The comments received have been incorporated and placed in the 11<sup>th</sup> Academic Council. The same was approved by the 11<sup>th</sup> Academic council.

**BoS/ CIVIL: 10.3.1 : Approval of syllabus for semesters VII and VIII under Regulation 2018**

The Chairman, BoS (Civil) placed the syllabus framed for VII and VIII Semester B.E. Civil Engineering under Regulation 2018 (*vide Annexure I*) for discussion and approval by the Board.

**RESOVLED TO APPROVE the syllabus framed for VII and VIII Semester B.E. Civil Engineering under Regulation 2018**

**BoS/CIVIL: 10.3.2 : Approval of syllabus for Value Added Courses**

The Chairman, BoS (Civil) placed the syllabus and course duration (*vide Annexure II*) for the following value added courses offered by the department for the students coming under Regulation 2018 for approval by the Board.

1. Surveying Practical using Total station in Civil Engineering
2. Remote sensing and GIS Practical Application in Civil Engineering
3. Water Quality Assessment
4. Advanced Water Treatment
5. Construction Chemicals in Construction Industry – Significance
6. Industrial Approach to Real Time Compels Problem
7. Contract and Tender Procedures

**RESOVLED TO APPROVE the syllabus and course duration for the value added courses offered by the department for the students coming under Regulation 2018**

**Bos/Civil: 10.4** : **Vote of thanks**

Dr. P. Subramanian, Professor, thanked all the members for attending the meeting and sparing their time for fruitful discussions and the meeting came to an end.



Chairman  
Board of Studies  
Department of Civil Engineering

Department of Computer Science and Engineering

**PSN College of Engineering and Technology (Autonomous)**

Melathediyoor, Tirunelveli - 627152

**10<sup>th</sup> Board of Studies Meeting**

Mode: Through Online (Meeting Link:

<https://us02web.zoom.us/j/89034140298?pwd=NXN1MCtHRUJhc3N3SUgxQmZFb0ZUQT09>)

Venue: PG Computer Lab

Date & Time: 30.01.2021 & 10.00 AM

**MINUTES OF 10<sup>th</sup> BOARD OF STUDIES MEETING**

The 10<sup>th</sup> Board of Studies meeting of Department of Computer Science and Engineering was held on 30.01.2021 at PG Computer Lab

**Members Present:**

1. Dr. M. Vargheese - Chairman
2. T. Kavitha - Nominee, Anna University  
Professor & Head, Department of CSE  
Anna University Regional Centre Tirunelveli
3. Dr. M. Marikkannan - External Member  
Professor, Department of CSE  
IRT, Erode
4. Dr. P. Venkadesh - External Member  
Assistant Professor, Department of CSE  
Noorul Islam Centre for Higher Education  
(Deemed to be University)
5. Mr. G.Kharmega Sundararaj - Internal Member
6. Dr. G. Nallasivan - Internal Member
7. Dr. R. Madhavan - Internal Member
8. Mr. A. Siva - Internal Member
9. Mr. C. Rajesh Kumar - Internal Member
10. Mrs. P. Kanagalakshmi - Internal Member
11. Mrs. J. Yamuna Bee - Internal Member
12. Mrs. A. Anitha - Internal Member
13. Er. P. Pon Raja Sekar - Alumni
14. Er. S. Antony Judes - Industry experts



**BoS/CSE: 10.1 : Welcome and Opening remarks of Chairman/BoS**

The Chairman, BoS (Dr. M. Vargheese) welcomed and introduced the members present in the meeting and briefed them about the department activities.

**BoS/CSE: 10.2 : Confirmation of Minutes of previous BoS meeting**

The minutes of the 9<sup>th</sup> Board of Studies meeting held on 02.11.2019 were communicated to the members. The comments received have been incorporated and placed in the 11<sup>th</sup> Academic Council. The same was approved by the 11<sup>th</sup> Academic council.

**BoS/CSE: 10.3.1 : Approval of syllabus for semesters VII and VIII under Regulation 2018**

The Chairman, BoS (CSE) placed the syllabus framed for VII and VIII Semester B.E. Computer Science and Engineering under Regulation 2018 (*vide Annexure I*) for discussion and approval by the Board.

RESOVLED TO APPROVE the syllabus framed for VII and VIII Semester B.E. Computer Science and Engineering under Regulation 2018

**BoS/CSE: 10.3.2 : Approval of syllabus for Value Added Courses**

The Chairman, BoS (CSE) placed the syllabus and course duration (*vide Annexure II*) for the following value added courses offered by the department for the students coming under Regulation 2018 for approval by the Board.

- 1) Project Based Python Programming
- 2) Web Designing and Hosting Tools
- 3) Angular JS
- 4) IoS Application Development
- 5) Cloud Application Development
- 6) Industry Oriented C Programming
- 7) Web / Mobile application development using Flutter

RESOVLED TO APPROVE the syllabus and course duration for the value added courses offered by the department for the students coming under Regulation 2018

**BoS/CSE: 10.3.3 : Approval of syllabus for Interdisciplinary Courses**

The Chairman, BoS (CSE) placed the syllabus (*vide Annexure III*) for the following Interdisciplinary Paper offered by the Electronics and Instrumentation department students coming under Regulation 2018 for approval by the Board.

i. Personal Computer System and Interfacing

RESOVLED TO APPROVE the syllabus for the Interdisciplinary paper offered by Electronics and Instrumentation department students coming under Regulation 2018.

After a brainstorming discussion among the members, the suggestions given by them were incorporated in the syllabi.

It is further resolved to recommend the syllabi approved by the Board of Studies , Computer Science and Engineering to the Academic Council for further approval.

**Bos/CSE: 10.4 : Vote of thanks**

Dr. G. Nallasivan, Professor, thanked all the members for attending the meeting and sparing their time for fruitful discussions and the meeting came to an end.



Chairman  
Board of Studies

Department of Computer Science and Engineering

# PSN College of Engineering and Technology (Autonomous)

Melathediyoor, Tirunelveli – 627152

Department of Electrical and Electronics Engineering

Mode: Through Online (Meeting Link:

<https://us02web.zoom.us/j/86982163439?pwd=b3ZhUTRGNzBLR2xIZm9kKzR3MW5KQT09>)

## 11<sup>th</sup> Board of Studies Meeting

Venue: PSN College of Engineering and Technology

Date & Time: 23.01.2021 & 2.00 PM

### MINUTES OF 11<sup>th</sup> BOARD OF STUDIES MEETING

The 11<sup>th</sup> Board of Studies meeting of Department of Electrical and Electronics Engineering was held on 23.1.2021 through online at PSN College of Engineering and Technology.

#### Members Present:

- |  |   |                          |
|--|---|--------------------------|
| 1. Dr.S.P.Umayal<br>Professor, Dean/EEE<br>PSNCET  | - | Chairman                 |
| 2. Dr.V.Senthil Kumar<br>Professor,<br>Department of EEE,<br>CEG Campus, Anna University,<br>Chennai - 600025                                  | - | Nominee, Anna University |
| 3. Dr. J. Arul Linsely<br>Professor,<br>Department of EEE,<br>Noorul Islam Centre for Higher Education<br>Thuckalay, Kumaracoil - 629180.      | - | External Member          |
| 4. Dr. A. Ramkumar<br>Professor,<br>Department of EEE,<br>Kalasalingam Academy of Research and Education<br>Anand Nagar, Krishnankoil – 626126 | - | External Member          |
| 5. Dr.A.Bhuvanesh AP/EEE   | - | Internal Member          |
| 6. Dr.S.Rajasekaran Asso.Prof./EEE   | - | Internal Member          |
| 7. Dr.J.Leema Rose Asso.Prof./EEE  | - | Internal Member          |
| 8. S.Amosedinakaran AP/EEE   | - | Internal Member          |
| 9. V.Jenitha AP/EEE  | - | Internal Member          |
| 10. P.Muthulakshmi AP/EEE  | - | Internal Member          |
| 11. S.Indhumathi AP/EEE  | - | Internal Member          |

- |   |   |                        |
|---|---|------------------------|
| 12. J.Jefrin Wilfred  | - | Alumni                 |
| 13. Mr. S.Murugan<br>Managing Director<br>Madurai Weaving Mills Pvt. Ltd<br>Sipeot Industrial Estate, Kangaikondan. | - | Industrial Expert      |
| 14. Adil A Shaj IV EEE  | - | Student Representative |
| 15. N.Valarmathi IV EEE   | - | Student Representative |

Due to prior commitments the following members could not attend the meeting and were granted leave of absence.

- |                  |   |                   |
|------------------|---|-------------------|
| 1. Mr. S.Murugan | - | Industrial Expert |
|------------------|---|-------------------|

**BoS/EEE: 11.1 : Welcome and Opening remarks of Chairman/BoS**

The Chairman, BoS (Dr.S.P.Umayal) welcomed and introduced the members present in the meeting and briefed them about the department activities.

**BoS/EEE: 11.2 : Confirmation of Minutes of previous BoS meeting**

The minutes of the 10<sup>th</sup> Board of Studies meeting held on 29.11.2019 were communicated to the members. The comments received have been incorporated and placed in the 11<sup>th</sup> Academic Council. The same was approved by the 11<sup>th</sup> Academic council.

**BoS/Dept: 11.3.1 : Approval of syllabus for VII and VIII semesters under Regulation 2018**

The Chairman, BoS/EEE placed the syllabus framed for B.E. Electrical and Electronics Engineering under Regulation 2018 (*vide Annexure I*) for discussion and approval by the Board.

**RESOVLED TO APPROVE the syllabus framed for B.E. Electrical and Electronics Engineering under Regulation 2018.**

After a brainstorming discussion among the members, the suggestions given by them were incorporated in the curriculum and syllabi.

It is further resolved to recommend the syllabi approved by the Board of Studies EEE to the Academic Council for further approval.

**BoS/EEE: 11.4 : Vote of thanks**

Dr.A.Bhuvanesh, Assistant Professor/EEE, thanked all the members for attending the meeting and sparing their time for fruitful discussions and the meeting came to an end.

SP.  24/11/21  
Chairman

Board of Studies

Department of Electrical and Electronics Engineering

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**PSN College of Engineering and Technology (Autonomous)**  
Melathediyoor, Tirunelveli - 627152

Department of Electronics and Communication Engineering

**XI<sup>th</sup> Board of Studies Meeting**

Mode: Through Online ( Meeting URL: <https://meet.google.com/xog-xxiz-yaz>)

Venue: PSN College of Engineering and Technology

Date & Time: 28.01.2021 & 10.30 a.m

**MINUTES OF XI<sup>th</sup> BOARD OF STUDIES MEETING**

The XI<sup>th</sup> Board of Studies meeting of Department of Electronics and Communication Engineering was held on 28.01.2021 at PSN College of Engineering and Technology.

**Members Present:**

1. Dr. K.Paul Joshua - Chairman  
Professor/ECE  
PSNCET.
2. Dr.N.B.Balamurugan - Nominee, Anna University  
Professor/ECE  
Thiyagarajar College of Engineering  
Madurai
3. Dr.Vinoth kumar - External Member  
Professor & Head /ECE  
NI University,Kumaracoil
4. Dr.J.Rejeesh - External Member  
Professor/ECE  
College of Engineering,Kottayam
5. Dr.T.Rajesh -Internal Member
6. Dr.J.Baby Shalini -Internal Member
7. Mr.K.Jebastin -Internal Member
8. Mrs.M.Sundara Mahalakshmi -Internal Member
9. Mr.G.Eswaran -Internal Member
10. Ms.K.Anitha -Internal Member
11. Mrs.A.Chiera -Internal Member
12. A.Asha - Alumni  
M.E-Applied Electronics
13. Mr.Anto Merbin Prakash - Industry experts  
Manager,



Due to prior commitments the following members could not attend the meeting and were granted leave of absence.

1. Dr.J.Rejeesh
2. Mr.Anto Merbin Prakash

**BoS/ECE: 11.1 : Welcome and Opening remarks of Chairman/BoS**

The Chairman, BoS (Dr.K.Paul Joshua) welcomed and introduced the members present in the meeting and briefed them about the department activities.

**BoS/ECE: 11.2 : Confirmation of Minutes of previous BoS meeting**

The minutes of the X<sup>th</sup> Board of Studies meeting held on 30.11.2019 were communicated to the members. The comments received have been incorporated and placed in the XI<sup>th</sup> Academic Council. The same was approved by the XI<sup>th</sup> Academic council.

**BoS/ECE: 11.3.1 : Approval of syllabus for semesters VII & VIII under Regulation 2018**

The Chairman, BoS (Electronics and Communication Engineering ) placed the curriculum and syllabus framed for B.E. Electronics and Communication Engineering under Regulation 2018 (*vide Annexure I*) for discussion and approval by the Board.

**RESOVLED TO APPROVE** the curriculum and syllabus framed for B.E. Electronics and Communication Engineering under Regulation 2018

After a brainstorming discussion among the members, the suggestions given by them were incorporated in the curriculum and syllabi.

It is further resolved to recommend the syllabi approved by the Board of Studies ECE to the Academic Council for further approval.

**Bos/ECE: 11.4 : Vote of thanks**

Dr.K.Paul Joshua. Professor, thanked all the members for attending the meeting and sparing their time for fruitful discussions and the meeting came to an end.

  
Chairman 28/1/21

Board of Studies  
Department of Electronics and Communication Engineering

**PSN College of Engineering and Technology (Autonomous)**  
Melathediyoor, Tirunelveli – 627152

Department of Electronics and Instrumentation Engineering

Mode: Through Online (Meeting Link: <https://meet.google.com/bvr-czpk-jbw>)

**06<sup>th</sup> Board of Studies Meeting**

Venue: PSN College of Engineering and Technology

Date & Time: 29.01.2021 & 11.00 AM

**MINUTES OF 06<sup>th</sup> BOARD OF STUDIES MEETING**

The 06<sup>th</sup> Board of Studies meeting of Department of Electronics and Instrumentation Engineering was held on 29.1.2021 through online at PSN College of Engineering and Technology.

**Members Present:**

1. Prof.S.Ramraj - Chairman  
Asso. Prof. & Head /EIE  
PSNCET  
Tirunelveli-627 152.
2. Dr.P.Latha - Nominee, Anna University  
Professor,  
Department of EEE,  
Government College of Engineering,  
Tirunelveli– 627 007.
3. Dr. D. Menaka - Subject Expert (External Member)  
Professor,  
Department of EEE,  
Noorul Islam Centre for Higher Education  
Thuckalay, Kumaracoil – 629180.
4. Dr. T.Ravishankar - Industrial Expert  
Executive Engineer,  
Instrumentation Devision,  
Kalasalingam Academy of Research and Education  
TTPS Tuticorin
5. Dr. B. Kannapiran - Subject Expert (External Member)  
Professor,  
Department of ICE,  
Kalasalingam Academy of Research and Education  
Anand Nagar, Krishnankoil – 626126



- |   |   |                           |
|---|---|---------------------------|
| 6. Er. B. Marimuthu<br>Executive Engineer<br>Yokogawa India Limited<br>Bengaluru. Karnataka – 560 100 | - | Alumini/Industrial Expert |
| 6. Mr.S.Jesuharan samuel AP/EIE   | - | Internal Member           |
| 7. Mr.C.Immanuel AP/EEE   | - | Internal Member           |

Due to prior commitments the following members could not attend the meeting and were granted leave of absence.

- |                      |   |                                  |
|----------------------|---|----------------------------------|
| 1. Dr. T.Ravishankar | - | Industrial Expert                |
| 2. Dr. B. Kannapiran | - | Subject Expert (External Member) |

**BoS/EIE: 06.1 : Welcome and Opening remarks of Chairman/BoS**

The Chairman, BoS (Prof.S.Ramraj) welcomed and introduced the members present in the meeting and briefed them about the department activities.

**BoS/EIE: 06.2 : Confirmation of Minutes of previous BoS meeting**

The minutes of the 05<sup>th</sup> Board of Studies meeting held on 20.12.2019 were communicated to the members. The comments received have been incorporated and placed in the 11<sup>th</sup> Academic Council. The same was approved by the 11<sup>th</sup> Academic council.

**BoS/EIE: 06.3.1 : Approval of syllabus for VII and VIII semesters under Regulation 2018**

The Chairman, BoS/EIE placed the curriculum and syllabus framed for B.E. Electronics and Instrumentation Engineering under Regulation 2018(vide Annexure I) for discussion and approval by the Board.

**RESOVLED TO APPROVE** the curriculum and syllabus framed for B.E. Electronics and Instrumentation Engineering under Regulation 2018.

After a brainstorming discussion among the members, the suggestions given by them were incorporated in the curriculum and syllabi.

It is further resolved to recommend the curriculum and syllabi approved by the Board of Studies EIE to the Academic Council for further approval.

**BoS/EIE: 06.4 : Vote of thanks**

Mr.S.Jesuharan samuel, Assistant Professor/EIE, thanked all the members for attending the meeting and sparing their time for fruitful discussions and the meeting came to an end.

  
Chairman

Board of Studies  
Department of Electronics and Instrumentation Engineering

Minutes of the Marine Board of Studies Meeting conducted at Alumni Guest House  
on 13.12.2019 at 10.00 a.m.

Members Present:

SL.NO.	NAME OF THE STAFF	DESIGNATION
1.	Dr. T.James Wilson, Professor Marine Department	Board Chairman
2.	Dr. R.Baskaran, Asso. Professor, Dept. of Industrial Engineering, Anna University, Chennai.	University Nominee
3.	Prof. K. Thangavel, Ex.Chief Engineer(Marine) & Ex.Dean(TNMA)	Industry Expert
4.	Capt. P. Bennet Singh, Master Mariner Marthandam, KK District. Pilot, VOC Port	Subject Expert
5.	Prof.M.Muthukumar, Dean, TNMA, Tuticorin	External Expert
6.	Er.Subash Chandran, Chief Engineer, Tirunelveli	Industry Expert On Board Ship
7.	Prof.D.Logesh, Associate Professor(Marine), Mohammed Sadthak Engineering College , Kilakarai	Alumni
8.	Prof. G. Antony, Dean(ID), PSNCET	Member
9.	Prof.A.C.Mariappan, Asso.Professor,(Marine), PSNCET	Member
10.	Prof.A.Ramesh , Asst.Professor,(Marine), PSNCET	Member
11.	Prof.C.Indrakumar, Asst.Professor,(Marine), PSNCET	Member
12.	Dr.K.John Joshua , Asso. Professor,(Marine), PSNCET	Subject Expert
13.	Prof.P.Paramasivan, Professor(Marine)PSNCET	Member
14.	Prof.S.Arunkumar, Asst. Professor(Marine)	Member
15.	Prof.N.Anish Kafoor, AP(Marine)	Member
16.	Prof.M.Prabhakaran , AP(Marine)	Member

The Chairman, Marine Board of Studies Dr. T.James Wilson, welcomed all the members of BOS and thanked the Chairman of the college Dr.P.Suyambu and also thanked the Principal Dr.V.Manikandan for the facilities given for conducting the BOS.

The agenda items were taken up for discussion one by one and approved as follows.

Agenda: 1 : Finalise the revised Curriculum for Semester V, VI, VII and VIII under Regulation 2018.

- The BOS Members discussed in detail and approved the revised Curriculum for Semester V, VI, VII and VIII under Regulation 2018 as given in Curriculum & Syllabus Book.

Agenda: 2 : Finalise the syllabus for Semester V,VI,VII and VIII under Regulation 2018.


- The BOS Members discussed in detail and approved the syllabus for Semester V,VI,VII and VIII under Regulation 2018 as given in Curriculum & Syllabus Book subject to the following changes in Semester 7. In Semester 7 a foot note to be added indicating break up for 1509 hours in page No.30. Now the revised hours is 1399 hours instead of 1509 hours.

Agenda: 3: Finalise the syllabus for Elective- I and Elective- II under Regulation 2018.

The BOS Members discussed in detail and approved the syllabus for Elective- I and Elective- II under Regulation 2018 and decided to replace the subject "Dry Docks & Docking" by "Logistics and Supply Chain Management". Also decided to rename Elective - I & II as "Programme Elective- I and Programme Elective- II"

Agenda: 4 : : Any other subject useful to the students.

The BOS Members discussed in detail and approved to include minimum two text books with latest edition for each subject.

SL.NO.	NAME OF THE STAFF	DESIGNATION	Signature
1	Dr. T.James Wilson, Professor Marine Department	Board Chairman	



3

	Dr. R.Baskaran,Asso.Professor, Dept. of Industrial Engineering,Anna University,Chennai.	University Nominee	R. Sub
3.	Prof. K. Thangavel,Ex.Chief Engineer(Marine) & Ex.Dean(TNMA)	Industry Expert	K. Thangavel
4.	Capt. P. Bennet Singh, Master Mariner Marthandam,KK District. Pilot,VOC Port	Subject Expert	P. Bennet Singh 13/12/2019
5.	Prof.D.Logesh, Associate Professor(Marine), Mohammed Sadthak Engineering College ,Kilakarai	Alumni	D. Logesh 13/12/19
6.	Prof. G. Antony,Dean(ID),PSNCET	Member	G. Antony 13/12/19
7.	Prof.A.C.Mariappan, Asso.Professor,(Marine), PSNCET	Member	A. C. Mariappan 13/12/2019
8.	Prof.A.Ramesh , Asst.Professor,(Marine), PSNCET	Member	A. Ramesh
9.	Prof.C.Indrakumar,Asst.Professor,(Marine), PSNCET	Member	C. Indrakumar 13/12/19
10.	Dr.K.John Joshua ,Asso. Professor,(Marine), PSNCET	Subject Expert	K. John Joshua 13/12/2019.
11.	Prof.P.Paramasivan, Professor(Marine)PSNCET	Member	P. Paramasivan 13/12/19
12.	Prof.S.Arunkumar,Asst. Professor(Marine)	Member	S. Arunkumar 13/12/19
13.	Prof.N.Anish Kafoor,AP(Marine)	Member	N. Anish Kafoor 13/12/19.
14.	Prof.M.Prabhakaran , AP(Marine)	Member	M. Prabhakaran 13/12/19.
15.	Prof. M. Muthukumar, Dean, TNMA, Tuticorin	Member	M. Muthukumar
16.	Er. Subash Chandran Chief Engineer, Tuticorin	Member	Subash Chandran

# **PSN College of Engineering and Technology (Autonomous)**

Melathediyoor, Tirunelveli – 627152

DEPARTMENT OF MECHANICAL AND AUTOMATION ENGINEERING

Mode: Through Online (Meeting Link: <https://meet.google.com/opk-ggtv-ips?hs=224>)

## **9<sup>th</sup> Board of Studies Meeting**

Venue: PSN College of Engineering and Technology

Date & Time: 3.02.2021 & 6.00 PM

### **MINUTES OF 9<sup>th</sup> BOARD OF STUDIES MEETING**

The 9<sup>th</sup> Board of Studies meeting of Department of Mechanical and Automation Engineering was held on 03.02.2021 through online at PSN College of Engineering and Technology.

#### **The following Members were Present:**

- |  |   |                             |
|--|---|-----------------------------|
| 1. Dr.V.Manikandan<br>Principal, PSNCET  | - | Chairman                    |
| 2. Dr.N.Shenbaga Vinayaga Moorthy,<br>Professor/ Anna University,<br>Regional Campus,<br>Nagercoil | - | Nominee,<br>Anna university |
| 3. Dr. M.Uthayakumar<br>Professor,<br>Kalasalingam academyof research and foundation               | - | External Member             |
| 4. Dr stanely jones rathinam<br>Professor/ Noorul Islam University                                 | - | Institute Expert            |
| 5. Er. K. Ganeshan<br>Managing Director/Zigma pressing   | - | External Member             |
| 6. Mr.Magesh<br>Tirunelveli  | - | Alumini                     |
| 7. Mr.V.Ramkumar<br>HOD/MAE  | - | Internal Member             |
| 8. Mr. S.A.A JUDE Asst.Prof./MAE   | - | Internal Member             |

9. Mr.K.Saravana karthikeyan Asst Prof/MAE	-	Internal Member
10. Mr. K.Sudhagar Asst Prof /MAE	-	Internal Member
11. Mr. S.R.Stalin Asst Prof /MAE	-	Internal Member
12. Mr. M.Michael Simon Asst Prof /MAE	-	Internal Member
13. Dr. A.Krishnaraju Prof/MAE	-	Internal Member

**BoS/MAE: 9.1 : Welcome and Opening remarks of Chairman/BoS**

The Chairman, BoS (Dr.V.Manikandan/ Principal, PSNCET ) welcomed and introduced the members present in the meeting and briefed them about the department activities.

**BoS/MAE: 9.2 : Confirmation of Minutes of previous BoS meeting**

The minutes of the 8<sup>th</sup> Board of Studies meeting held on 09.11.2019 were communicated to the members. The comments received have been incorporated and placed in the 11<sup>th</sup> Academic council. The same was approved by the 11<sup>th</sup> Academic council .

**BoS/MAE: 9.3.1 : Approval of syllabus for VII and VIII semesters under Regulation 2018**

The Chairman, BoS/MAE placed the curriculum and syllabus framed for B.E. Department of Mechanical and Automation engineering under Regulation 2018 (*vide Annexure I*) for discussion and approval by the Board.

**RESOVLED TO APPROVE** the curriculum and syllabus framed for B.E. Department of Mechanical and Automation engineering under Regulation 2018.

**BoS/MAE: 9.3.2 : Approval of syllabus for Value Added Courses under Regulation 2018**

The Chairman, BoS/MAE placed the syllabus and course duration (*vide Annexure II*) for the following value added courses offered by the department for the students coming under Regulation 2018 for approval by the Board.

1. Fire & Safety for Oil & Gas Industries
2. Geometric Dimensioning and Tolerancing for Design, Manufacturing and Inspections
3. Micro Electro Mechanical Systems Fundamentals and Applications
4. Electrical Actuators- Fundamentals Selections & Applications
5. Autonomous Vehicles
6. PLC & Sensors
7. Non Destructive Testing

After a brainstorming discussion among the members, the suggestions given by them were incorporated in the curriculum and syllabi.

It is further resolved to recommend the curriculum and syllabi approved by the Board of Studies MAE to the Academic Council for further approval.

**BoS/MAE: 9.4 : Vote of thanks**

Dr.A.Krishnaraju, Prof./MAE, thanked all the members for attending the meeting and sparing their time for fruitful discussions and the meeting came to an end.



Chairman  
Board of Studies  
Department of Mechanical and Automation Engineering

Department of Mechanical Engineering  
**PSN College of Engineering and Technology (Autonomous)**  
Melathediyoor, Tirunelveli - 627152

**9<sup>th</sup> Board of Studies Meeting**

Mode: Through Online - Zoom Meeting Link:

Time: Feb 27, 2021 02:30 PM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://us02web.zoom.us/j/87937606146?pwd=Tzg0SU9xcVZEZFNQK0FnYnNKWjlUQT09>

Meeting ID: 879 3760 6146

Passcode: 2021

Venue: PSN College of Engineering and Technology

**MINUTES OF 9<sup>th</sup> BOARD OF STUDIES MEETING**

The 9<sup>th</sup> Board of Studies meeting of Department of Mechanical Engineering was held on 27.02.2021 through online at PSN College of Engineering and Technology

**Members Present:**

- 1. Dr.P.Selvakumar**  
Professor /Mech - Chairman
- 2. Dr.T.Senthilkumar**  
Professor & Dean - Nominee, Anna University  
University college of Engineering  
Bharathidasan Institution of Technology campus  
Anna University, Tiruchirappalli-620024
- 3. Dr.T.Christo Michael**  
Associate Professor Sr., - External Expert  
5th Floor Annexure (Cabin no: 6)  
School of Mechanical Engineering,  
VIT-Chennai.



- 14. Mr.S.Paramasivan** - Internal Member  
Asst. Prof/Mech  
PSN College of Engineering and Technology
- 15. Mr.N.Gnanakumar** - Internal Member  
Asst. Prof/Mech  
PSN College of Engineering and Technology
- 16. Mr.K.Sudhakar** - Internal Member  
Asst. Prof/Mech  
PSN College of Engineering and Technology
- 17. Mr.Vinoth A** - Internal Member  
Asst. Prof/Mech  
PSN College of Engineering and Technology

**BoS/ Mech: 9.1 : Welcome and Opening remarks of Chairman/BoS**

The Chairman, BoS (Dr.P.Selvakumar) welcomed and introduced the members present in the meeting and briefed them about the department activities.

**BoS/ Mech: 9.2 : Confirmation of Minutes of previous BoS meeting**

The minutes of the 8<sup>th</sup> Board of Studies meeting held on 29.10.2019 were communicated to the members. The comments received have been incorporated and placed in the 9<sup>th</sup> Academic Council. The same was approved by the 9<sup>th</sup> Academic council.

**BoS/ Mech: 9.3.1 : Approval of syllabus for semesters VII and VIII under Regulation 2018 for BE Mechanical**

The Chairman, BoS (Mech) placed the syllabus framed for VII and VIII Semesters B.E. Mechanical Engineering under Regulation 2018 (*vide Annexure I*) for discussion and approval by the Board.

RESOVLED TO APPROVE the syllabus framed for VII and VIII Semesters B.E. Mechanical Engineering under Regulation 2018

**BoS/Mech : 9.3.2: Approval of syllabus for Value Added Courses**

The Chairman, BoS (Mech) placed the syllabus and course duration (*vide Annexure I*) for the following value added courses offered by the department for the students coming under Regulation 2018 for approval by the Board.

1. Dismantling and assembly Practice of SI & CI Engines
2. Numerical Simulation of Flow and Heat Transfer Using ANSYS -FLUENT
3. Impact Test Analysis of Sheet Metal by Using ANSYS LS-DYNA
4. Solar PV-Working, Installation & Measurement
5. Solar Thermal System

After a brainstorming discussion among the members, the suggestions given by them were incorporated in the syllabi.

It is further resolved to recommend the syllabi approved by the Board of Studies, Mechanical Engineering to the Academic Council for further approval.

**Bos/ Mech:9.4 : Vote of thanks**

Dr M Vijayakumar Prof/HOD, thanked all the members for attending the meeting and sparing their time for fruitful discussions and the meeting came to an end.



**Chairman  
Board of Studies  
Department of Mechanical Engineering**

**PSN COLLEGE OF ENGINEERING AND  
TECHNOLOGY**

**(Autonomous)**

**Melathediyoor, Tirunelveli – 627152**

**XII Academic Council Meeting**

**MINUTES OF THE MEETING**

**Mode: Online through Zoom**

**Meeting ID: 849 0070 7070**

**Date:17.4.2021**

**Time:10.30 A.M**

**Minutes of XII Academic Council  
of PSN College of Engineering and Technology (Autonomous), Tirunelveli  
held on 17.4.2021, Saturday at 10.30 am through online Zoom meet.**

**Agenda of the meeting;**

- PSNCET/AC: 12.1 : Welcome by Chairman, Academic Council
- PSNCET/AC: 12.2 : Confirmation of Minutes of XI Academic Council meeting
- PSNCET/AC: 12.3 : Introduction of New Members to the Council
- PSNCET/AC: 12.4 : Reporting the activities and achievements of the institution/departments/faculty after XI Academic Council meeting.  
12.4.1: Activities of IQAC  
12.4.2: Activities of NSS/YRC/RRC/WEC  
12.4.3: Financial Support under PSSS  
12.4.4: Faculty achievements  
12.4.5: MoUs signed  
12.4.6: Establishment of new labs/upgradation of existing labs  
12.4.7: Financial support under MODROBS/AICTE  
12.4.8: Knowledge Resource Centre  
12.4.9: Upgradation of classrooms with ICT tools
- PSNCET/AC: 12.5 : Business brought forward by the Chairman/Academic Council  
12.5.1: Approval of syllabus for semesters VII and VIII under Regulation 2018  
12.5.2: Ratification of syllabus of Value Added Courses offered  
12.5.2: Approval of AQAR 19-20  
12.5.3: Approvals related to academic matters of the college
- PSNCET/AC: 12.6 : Report of CoE on conduct of examinations & result declaration
- PSNCET/AC: 12.7 : Vote of thanks by Member Secretary, Academic Council



## Members Present:

1. Dr. V. Manikandan  
Principal & Chairman, Academic Council
2. Dr. R. Jayavel  
Governing Body Nominee
3. Mr. R. Ramakrishnan  
Governing Body Nominee
4. Mr. A. Rajendarn  
Governing Body Nominee
5. Dr. V. Subramaniam  
University Nominee
6. Dr. R. Saravanan  
University Nominee
7. Dr. P. Selvakumar  
Chairman, Board of Studies (Mechanical)
8. Dr. N. Vijay Ponraj  
Chairman, Board of Studies (Aeronautical)
9. Dr. C. Selvamony  
Chairman, Board of Studies (Civil)
10. Dr. M. Vargheese  
Chairman, Board of Studies (CSE)
11. Dr. K. Paul Joshua  
Chairman, Board of Studies (ECE)
12. Dr. S.P. Umayal  
Chairman, Board of Studies (EEE)
13. Prof. S. Ramraj  
Chairman, Board of Studies (EIE)
14. Prof. A.C. Mariappan  
Teacher Representative, Academic Council
15. Prof. G. Antony  
Teacher Representative, Academic Council

16. Prof. A. Santhanamahalingam  
Teacher Representative, Academic Council
17. Prof. R. Sundarajan  
Head, Department of Management Studies
18. Prof. A. Kasi Viswanathan  
Special Invitee
19. Prof. S. Mareeswaran  
Special Invitee
20. Prof. A. Ramesh  
Special Invitee
21. Dr. B. Bhuvanesh  
Special Invitee
22. Dr. M. Vijayakumar  
Special Invitee
23. Prof. V. Ramkumar  
Special Invitee
23. Dr. R. Madhavan  
Controller of Examinations, PSNCET
24. Dr. X. Sahaya Shajan  
Member Secretary, Academic Council

Dr. B. Kumar (University Nominee) could not attend the meeting due to his preoccupation.

Prof. T. James Wilson and Dr. Suthakar Sengan have been granted leave of absence.

**Agenda # 12.1:**

Dr. V. Manikandan, Principal and Chairman of Academic Council welcomed the august body and started the proceedings of the meeting.

**Agenda # 12.2:**

The Minutes of XI Academic Council was placed in the meeting for confirmation by the members of the Academic Council.

The Minutes of XI Academic Council was confirmed and approved by the Council.

### **Agenda # 12.3:**

The Chairman introduced the new members to the Council.

#### **As Chairman, Board of Studies:**

Dr. K. Paul Joshua - Chairman, BoS (ECE)

#### **As Teacher Representative:**

Dr. Suthakar Sengan - Professor of Computer Science

### **Agenda #12.4:**

The Chairman of Academic Council presented his Report on the Activities and Achievements of the college and departments during the period 26.1.2020 to 16.4.2021. In brief, the college has conducted 13 training programmes and 42 seminars and conferences were organised during this period. Faculty and students have attended 332 programmes which include webinars, e-conferences and FDP programmes during this pandemic period. The college also took part in 37 extension activities on giving awareness to the public on COVID 19 by conducting rallies, village visits along with local bodies and on its own.

The departments have also conducted 45 value added courses both in the online and offline modes for the students. So far, 39 students have been placed in various companies through on-campus drive. 77 research papers have been published during this period by faculty.

#### **12.4.1 Activities of IQAC**

1. The 18<sup>th</sup>, 19<sup>th</sup> and 20<sup>th</sup> IQAC Executive Committee meetings were conducted on 24.8.2020, 11.11.2020 and 29.3.2021 respectively.
2. DGS and ISO audit was conducted on 11.2.2020 and 28.2.2020 respectively.
3. Academic feedback by students was conducted on 9.3.2020. Based on the students' feedback follow-up and corrective measures were taken.
4. A webinar on the topic "Intellectual Property Rights: An imperative necessity for academic research and academicians" was organized by IQAC on 9.10.2020. 56 participants benefitted out of it.
5. IQAC initiated signing of a MoU with Madurai District Tiny and Small Scale Industries Association (MADITISSIA). The MoU was signed on 14.10.2020
6. IQAC organized an one day workshop on "Essential details on Patent Drafting and Filing Procedure" on 16.11.2020. Dr. A. Balaji Ganesh, Dean (Research) and Patent Agent, Velammal Engineering College, Chennai.
7. IQAC organized a one day orientation programme on National Institutional Ranking Framework (NIRF) on 19.11.2020. Dr. G. Nallsivan, Professor of Computer Science was the Resource Person.
8. National Constitutional Day was organized by IQAC on 26.11.2020. Rtn. PAG.PHF. Dr. D.A. Prabakar, Sr. Advocate, Tirunelveli gave a special talk.

9. A seminar on “Creating Online Video Lectures using OBS” was conducted on 2.12.2020. Dr. X. Sahaya Shajan, Professor and Director (Academics) was the Resource Person.
10. IQAC organized a one day seminar on the topic “Improving Scientific Research Productivity” for the faculty on 2.12.2020. Dr. X. Sahaya Shajan, Professor and Director (Academics) and Dr. S. Sivankalai, Librarian, PSNCET were the Resource Persons.
11. An awareness programme on AQIS AICTE Schemes was conducted for the faculty on 14.12.2020.
12. The internal academic audit was conducted on 6<sup>th</sup> and 7<sup>th</sup>, December 2020. The outcome was reviewed and appropriate actions were taken.
13. The AQAR for the academic year 2018-19 was submitted to NAAC on 15.12.2020.
14. “Rural Entrepreneurship Development Workshop on B Plan” was organized by IQAC on 19.1.2021 with 40 participants. Dr. G. Rajini, Professor, Mahatma Gandhi National Council of Rural Education was the resource person
15. IQAC conducted a seminar on “Outcome Based Education (OBE)” on 27.1.2021. Dr. X. Sahaya Shajan, Professor and Director (Academics) was the resource person.
16. IQAC organized a one day workshop on “CO-PO mapping and attainment calculation” on 26.3.2021 for the faculty.
17. Signed a MOU with IQAC, St. John’s College, Palayamkottai for mutual promotion of academic activities on 8.8.2020.

#### **12.4.2 Activities of NSS/YRC/RRC/WOMEN EMPOWERMENT CELL**

1. A medical camp was organized jointly with Meenakshi Mission Hospital, Madurai at Veerasigamani, Sankarankovil on 2.2.2020. 272 people were benefitted.
2. Jointly with the Primary Health Centres of Pathamadai, Muneerpallam and Gopalsamudram supply of kabasurakudineer to villagers and college students were carried out on 16.10.2020, 4.11.2020, 8.1.2021, 23.2.2021 and 17.3.2021. 497 people were benefitted. The college also organized a deworming camp for all hostel students on 23.3.2021.
3. A Rally on importance of tree plantation was organized in collaboration with Department of Forests, Papanasam on 13.3.2021 and 20.3.2021. 80 students participated.
4. A Rally on Dengue Awareness was organized jointly with Police Station and PHC, Muneerpallam on 8.1.2021. 47 students participated.
5. A webinar on “Women and Girls in Science” was organized on 11.2.2021. Dr. S T Jaya Christo, Asso. Prof., Department of EEE, MepcoSchlenk Engineering College, Sivakasi was the resource person.
6. A seminar on “Employment Opportunities for Women” was conducted on 25.2.2021. Dr. G. Vanmathi, Asso. Professor of Chemistry, Kamaraj College, Tuticorin was the resource person.
7. The Women’s Day was celebrated on 8.3.2021. Dr. C.V. Mythili, Principal, Rani Anna Govt. College, Tirunelveli was the Chief Guest and gave a talk on women empowerment.

### 12.4.3 Financial Support under Project Support Scheme for Students (PSSS)

S.No.	Dept.	Name of the Students	Name of the Supervisor	Title of the Project	Amount approved (inRs.)
1	EIE	E. Balamurugan	Mr. S. Ramraj	IoT based data acquisition system for real time pressure measurement of sea water	6000
2	Mech	V.S. Gokul, Tom N Jacob, Nikhil V, Aravind Ashok	Dr. P. Selvakumar	Design and fabrication of electric car	10000
3	MAE	Hanse Alex Akeril, Jibin B, Joel P Punnose	Mr. V. Ramkumar	Automatic painting in road divider by semi robot	10000
4	MAE	S. Balakrishnan, P. Pounraj	Dr. A. Krishnaraju	PLC based on automated drilling machine	10000
5	MAE	S. Muthu, L Robinson	Dr. V.Manikandan	Fabrication and mechanical testing of natural fibres composite material	10000
6	AERO	R Manju, P Priya	Mr. A. Kasi Viswanathan	RF based black box with auto information to control room using Aurdino	10000
7	AERO	Martin Joseph, Mathew Joseph	Mr. A. Kasi Viswanathan	Aurdino based quadcopter	8000
8	AERO	L Esakkipattuvel	Mr. K Esakkimuthu	Computational fluid analysis of thrust vectoring nozzle	6000
9	Mech	S Prathap, K Mahesh Kumar	Dr. P. Selvakumar	Investigation on heat transfer in spiral flow electronic heat sink	8000
<b>Total</b>					<b>78000</b>

### 12.4.4 Faculty Achievements

#### A. Award of Ph.D. degree/Submission of Thesis

After the eleventh academic council meeting held on 25.1.20 the following four faculty members were awarded Ph.D. degree.

- |    |                    |   |   |
|----|--------------------|---|---|
| 1. | Dr. J. Leema Rose  | - | Electrical & Electronics Engineering    |
| 2. | Dr. I. Ambika      | - | Computer Science and Engineering        |
| 3. | Dr. K. Paul Joshua | - | Electronics & Communication Engineering |
| 4. | Dr. P. Ramkumar    | - | Chemistry                               |
| 5. | Dr. R. Madhavan    | - | Computer Science and Engineering        |



The following faculty members have submitted their Ph.D. thesis.

1. Mr. G. Kharmega Sundararaj - Computer Science & Engineering
2. Mr. S.C. Ramesh - Electrical & Electronics Engineering

The following research scholars of our research centres have successfully completed their Ph.D. degree during this period.

1. Dr. D. Ravikumar - Chemistry
2. Dr. M. Shanmugathammal - Computer Science and Engineering
3. Dr. L. Arokia Jesu Prabhu - Computer Science and Engineering
4. Dr. N. Rathika - Electronics and Communication Engg.
5. Dr. R. Sridevi - Electronics and Communication Engg.

The following research scholars of our research centres have submitted their thesis to Anna University during this period.

1. Mr. P. Babu - Computer Science and Engineering
2. Ms. C. Mahiba - Computer Science and Engineering
3. Ms. S. Rajasri - Computer Science and Engineering
4. Mr. C.R. Rajesh - Electrical and Electronics Engineering

## **B. Patents Filed**

1. Dr. T. Ajith Bosco Raj, Professor, Department of Electronics and Communication Engineering has filed an Australian Patent on INTEGRATED MULTIMODAL SENSOR SYSTEM FOR AGRI FARMS. Application No. 2021101274 dated 11.3.2021.
2. Dr. M. Varghese, Professor and Head, Department of Computer Science and Engineering has filed an Indian Patent on BRAIN TUMOR DETECTION IN PET SCAN IMAGES USING EXTENDED U-NET FRAMEWORK WITH VGG-16 ENCODER. Application No. 202041047141A dated 20.11.2020
3. Dr. V. Manikandan, Professor, Department of Mechanical Engineering and Dr. SuthakarSengan, Professor, Department of Computer Science and Engineering have filed an Indian Patent on UTILIZATION OF BURR WASTES AND MICRO-REINFORCEMENTS IN CONCRETE TO OVERCOME DISPOSAL OF HAZARDOUS MATERIALS IN GLOBAL ENVIRONMENT. Application No. 202141006550 dated 26.2.2021
4. Dr. P. Selvakumar, Professor, Department of Mechanical Engineering and Dr. SuthakarSengan, Professor, Department of Computer Science and Engineering have filed an Indian Patent on DESIGN OF SECURED SMART MOBILE REAL-TIME HEALTH MONITORING SYSTEM USING IOT FOG COMPUTING. Application No. 202141009515 A dated 8.3.2021
5. Dr. P. Subramaniam, Head, Department of Civil Engineering has filed an Indian Patent on A NOVEL BRICK COMPOSITION COMPRISING LOW DENSITY POLYETHYLENE (LDPE)

AND MANUFACTURED SAND (M-SAND). Application No. 202041056245A dated 24.12.2020.

### **C. Books Published**

1. Dr. M. Varghese, Professor and Head, Department of Computer Science and Engineering has authored a book on FUNDAMENTALS OF COMPUTERS AND PYTHON PROGRAMMING published by Charulatha Publications, Chennai.

### **D. Awards and Recognitions**

1. Dr. M. Varghese, Professor and Head and Dr. G. Nallasivan, Professor, Department of Computer Science have been recognized as Best Reviewer in ARCC Journal, International Journal of Cancer and Tumor, International Research Journal of Oncology and Asian Journal of Research in Computer Science.
2. Dr. A. Bhuvanesh, Head, Department of Electrical and Electronics Engineering has been recognized as Best Reviewer in Journal of Communication Systems.
3. Dr. A. Bhuvanesh, Head, Department of Electrical and Electronics Engineering has been recognized as a Member of International Association of Engineers.

### **E. Invitation as Resource Person**

1. Dr. A. Bhuvanesh, Head, Department of Electrical and Electronics Engineering was invited as a Resource Person for the FDP on Recent Trends in Renewable Energy Sources organized by Christ the King Engineering College, Coimbatore on 21.05.2020.
2. Dr. A. Bhuvanesh, Head, Department of Electrical and Electronics Engineering was invited as a Resource Person for the FDP on Utilization of Renewable Energy Sources organized by Kalasalingam Academy of Research and Education, Krishnancoil on 30.05.2020

### **12.4.5 Memorandum of Understanding (MoU) signed**

1. Department of Computer Science and Engineering signed **five** MoUs with M/s VisanSoft, Tuticorin, M/s Adaptive Media, Tirunelveli, M/s DigiSailor, Tuticorin, M/s Palo Alto Networks (Authorized Cyber Security Academy), USA and M/s Iconix Software Solutions, Tirunelveli for students' training, placement and project support.
2. Department of Mechanical and Automation Engineering signed a MoU with M/s Shri Sai NDT, Puducherry for students' training and project support.
3. Department of Mechanical Engineering signed **three** MoUs with M/s GodWin Motors, Chennai, M/s Sree P A Industries, Coimbatore, M/s Microtome Automation Industries, Coimbatore for students' training, placement and project support.

### **12.4.6 Establishment of New Laboratories & Upgradation of existing laboratories**

1. Patrick J Hanratty Centre for Computer Aided Engineering was established in the department of Mechanical Engineering for 2D & 3D Modelling, Mechanical and Fluid flow simulation, computer aided engineering. The lab is equipped with 31 higher end computers at a cost of Rs. 17 lakhs.

2. Composite Materials lab was created in department of Mechanical Engineering for composite material fabrication and testing at a cost of Rs. 12 lakhs
3. Solar Energy lab has been established to give training and practice for the students in solar panel installation, converters, controllers and other testing procedures. The lab is established at a cost of Rs. 1.25 lakhs.
4. Upgraded MATLAB (R2020b) with campus wide license and all tool boxes and unlimited users has been installed for the use of all departments at a cost of Rs. 5.12 lakhs.
5. Computer labs of EEE, ECE and CSE departments are upgraded with latest configuration computers at a cost of Rs. 34 lakhs.
6. The Survey Lab of department of Civil Engineering is updated with latest survey equipments including Total Station (Sokkia) at a cost of Rs. 2.71 lakhs.
7. The following softwares are added for faculty and student usage.

Sl. No.	Name of the Software	Utilization	Beneficiary Departments	No. of Users	Value in Lakhs
1	Solid works	2D & 3D Modelling, CAM Simulation	Civil, Mechanical, Aero, Marine, Mech& Auto	100	5.0
2	Ansys (Mechanical), Fluent, CFX,	Mechanical and Fluid flow simulation, Computer Aided Engineering (CAE)	Civil, Mechanical, Aero, Marine, Mech& Auto	50	8.81

#### 12.4.7 Financial Support under MODROBS, AICTE

Dr. P. Selvakumar, Professor, Department of Mechanical Engineering received a grant of Rs. 17.15 lakhs under AICTE Modernization and Removal of Obsolescence (MODROBS) to upgrade Solar Thermal Energy Laboratory. The lab set up was fully completed and started functioning.

#### 12.4.8 Knowledge Resource Centre (KRC)

The College Library has been renamed as PSNCET Knowledge Resource Centre (KRC). The following resources/softwares have been upgraded/updated during this period.

- Implementation of KOHA software (Version 20.0.5) through Ubuntu 20.04 OS
- Implemented barcode based gate entry register through KOHA software in PHP software.
- Implementation of Institutional Repository (digital library) dspace open source software in Ubuntu 20.04 OS.
- Subscribed J-gate online journals at a cost of Rs.73660/-
- Subscribed IEEE ASPP online journals at a cost of Rs. 5,57,568/-
- Purchased E-books (online) at a cost of Rs. 5,94,800/-
- Hard copies of books added at a cost of Rs. 3,00,000/-

- Remote access for all users (faculty, research scholars and students) for IEEE, J-gate and Taylor and Francis online database is available at KRC.
- Content Management System through intranet is on the pipeline and expected to be completed very soon.

In addition to this the PSNCET KRC organized a webinar for the faculty members on Scientometrics on 2.12.2020. ID card preparation for faculty, staff and students are now made through KRC.

#### 12.4.9 Upgradation of classrooms with ICT tools

Sl. No.	Hall Type	ICT Tools	No. of halls	Value in Lakhs
1	Lecture hall fully smart with wi-fi facility to all students	75-inch Smart panel with Android applications to send e notes to all students	12	18.62
2	Lecture hall with full smart and video conferencing facility	75-inch Smart panel with Android applications, OPS & Blue tooth speakers	2	5.45

#### Agenda # 12.5:

##### 12.5.1: Approval of Syllabus for semesters VII and VIII under Regulation 2018

The Chairman, Academic Council moved the items to be approved by the Academic Council. All the resolutions were moved by the Chairman of the respective Board of Studies or in his absence a faculty authorized by him and seconded by a member of the Council.

After the eleventh academic council meeting held on 25.1.2020, the Board of Studies of all streams (except B.E. Marine Engineering) have framed the syllabus under Regulation 2018 for the VII and VIII semesters. The syllabi under Regulation 2018 for semester VII and VIII were approved by the respective Board of Studies and are now placed before the Academic Council for approval.

- A1** The Board of Studies of Mechanical Engineering has framed and approved the syllabus for VII and VIII semesters under Regulation 2018.

*Dr. P. Selvakumar, Chairman, Board of Studies (Mechanical Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Mechanical Engineering for VII and VIII semesters of B.E. Mechanical Engineering and interdisciplinary service courses under Regulation 2018 be approved.*

*This will come into effect for those who joined the programme in the academic year 2018-2019.*

**Resolution No.12.1:**

**RESOLVED THAT, the syllabi for semesters VII and VIII of B.E. Mechanical Engineering and Interdisciplinary Courses under Regulation 2018 framed and approved by the Board of Studies of Mechanical Engineering are approved.**

- A2** The Board of Studies of Civil Engineering has framed and approved the syllabus for VII and VIII semesters under Regulation 2018.

*Dr. C. Selvamony, Chairman, Board of Studies (Civil Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Civil Engineering for VII and VIII semesters of B.E. Civil Engineering and interdisciplinary service courses under Regulation 2018, be approved.*

*This will come into effect for those who joined the programme in the academic year 2018-2019.*

**Resolution No.12.2:**

**RESOLVED THAT, the syllabi for semesters VII and VIII of B.E. Civil Engineering and Interdisciplinary Courses under Regulation 2018 framed and approved by the Board of Studies of Civil Engineering are approved.**

- A3** The Board of Studies of Mechanical and Automation Engineering has framed and approved the syllabus for VII and VIII semesters under Regulation 2018.

*Dr. V. Manikandan, Chairman, Board of Studies (Mech. & Auto. Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Mechanical and Automation Engineering for VII and VIII semesters of B.E. Mechanical and Automation Engineering and interdisciplinary service courses under Regulation 2018 be approved.*

*This will come into effect for those who joined the programme in the academic year 2018-2019.*

**Resolution No.12.3:**

**RESOLVED THAT, the syllabi for semesters VII and VIII of B.E. Mechanical and Automation Engineering and Interdisciplinary Courses under Regulation 2018 framed and approved by the Board of Studies of Mechanical and Automation Engineering are approved.**

- A4** The Board of Studies of Aeronautical Engineering has framed and approved the syllabus for VII and VIII semesters under Regulation 2018.

*Dr. N. Vijay Ponraj, Chairman, Board of Studies (Aeronautical Engineering) moved the resolution,*



*That the syllabus framed and approved by the Board of Studies of Aeronautical Engineering for VII and VIII semesters of B.E. Aeronautical Engineering and interdisciplinary service courses under Regulation 2018 be approved.*

*This will come into effect for those who joined the programme in the academic year 2018-2019.*

**Resolution No.12.4:**

**RESOLVED THAT, the syllabi for semesters VII and VIII of B.E. Aeronautical Engineering and Interdisciplinary Courses under Regulation 2018 framed and approved by the Board of Studies of Aeronautical Engineering are approved.**

- A5** The Board of Studies of Computer Science and Engineering has framed and approved the syllabus for VII and VIII semesters under Regulation 2018.

*Dr. M. Varghese, Chairman, Board of Studies (Computer Science and Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Computer Science and Engineering for VII and VIII semesters of B.E. Computer Science and Engineering and interdisciplinary service courses under Regulation 2018 be approved.*

*This will come into effect for those who joined the programme in the academic year 2018-2019.*

**Resolution No.12.5:**

**RESOLVED THAT, the syllabi for semesters VII and VIII of B.E. Computer Science and Engineering and Interdisciplinary Courses under Regulation 2018 framed and approved by the Board of Studies of Computer Science and Engineering are approved.**

- A6** The Board of Studies of Electronics and Communication Engineering has framed and approved the syllabus for VII and VIII semesters under Regulation 2018.

*Dr. K. Paul Joshua, Chairman, Board of Studies (Electronics and Communication Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Electronics and Communication Engineering for VII and VIII semesters of B.E. Electronics and Communication Engineering and interdisciplinary service courses under Regulation 2018 be approved.*

*This will come into effect for those who joined the programme in the academic year 2018-2019.*

**Resolution No.12.6:**

**RESOLVED THAT, the syllabi for semesters VII and VIII of B.E. Electronics and Communication Engineering and Interdisciplinary Courses under Regulation 2018 framed and**

**approved by the Board of Studies of Electronics and Communication Engineering are approved.**

- A7** The Board of Studies of Electrical and Electronics Engineering has framed and approved the syllabus for VII and VIII semesters under Regulation 2018.

*Dr. S.P. Umayal, Chairman, Board of Studies (Electrical and Electronics Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Electrical and Electronics Engineering for VII and VIII semesters of B.E. Electrical and Electronics Engineering and interdisciplinary service courses under Regulation 2018 be approved.*

*This will come into effect for those who joined the programme in the academic year 2018-2019.*

**Resolution No.12.7:**

**RESOLVED THAT, the syllabi for semesters VII and VIII of B.E. Electrical and Electronics Engineering and Interdisciplinary Courses under Regulation 2018 framed and approved by the Board of Studies of Electrical and Electronics Engineering are approved.**

- A8** The Board of Studies of Electronics and Instrumentation Engineering has framed and approved the syllabus for VII and VIII semesters under Regulation 2018.

*Prof. S. Ramraj, Chairman, Board of Studies (Electronics and Instrumentation Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Electronics and Instrumentation Engineering for VII and VIII semesters of B.E. Electronics and Instrumentation Engineering and interdisciplinary service courses under Regulation 2018 be approved.*

*This will come into effect for those who joined the programme in the academic year 2018-2019.*

**Resolution No.12.8:**

**RESOLVED THAT, the syllabi for semesters VII and VIII of B.E. Electronics and Instrumentation Engineering and Interdisciplinary Courses under Regulation 2018 framed and approved by the Board of Studies of Electronics and Instrumentation Engineering are approved.**

**12.5.2: Ratification of syllabus of Value Added Courses offered**

After the eleventh academic council meeting held on 25.1.2020, the Board of Studies of all streams have framed the syllabus under Regulation 2018 for the Value Added Courses offered by respective departments. The syllabi of the value added courses were approved by the respective Board of

Studies and were implemented during the academic year 2020-21. This is now placed before the Academic Council for ratification.

- R1** The Board of Studies of Mechanical Engineering has framed and approved the syllabi for the following Value Added Courses offered by Department of Mechanical Engineering.

*Dr. P. Selvakumar, Chairman, Board of Studies (Mechanical Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Mechanical Engineering for the following value added courses offered by Department of Mechanical Engineering be ratified.*

*This was implemented for those who joined the programme in the academic year 2018-2019 anticipating the ratification of the Academic council.*

S.No.	Name of the Course	Duration
1.	Dismantling and assembly practice of SI and CI Engines	40 Hrs
2.	Numerical simulation of Turbo machines	30 Hrs
3.	Solar PV panel installation & power measurement	30 Hrs
4.	Impact test analysis of sheet metal using Ansys-DYNA	30 Hrs
5.	Solar thermal systems	30 Hrs

**Resolution No.12.9:**

**RESOLVED THAT, the above value added courses and the respective syllabi framed and approved by the Board of Studies of Mechanical Engineering are ratified.**

- R2** The Board of Studies of Civil Engineering has framed and approved the syllabi for the following Value Added Courses offered by Department of Civil Engineering.

*Dr. C. Selvamony, Chairman, Board of Studies (Civil Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Civil Engineering for the following value added courses offered by Department of Civil Engineering be ratified.*

*This was implemented for those who joined the programme in the academic year 2018-2019 anticipating the ratification of the Academic council.*

S.No	Name of the Course	Duration
1	Surveying Practical using Total station in Civil Engineering	30 hrs
2	Remote sensing and GIS Practical Application in Civil Engineering	35 hrs
3	Water Quality Assessment	30 hrs
4	Advanced Water Treatment	30 hrs

5	Construction Chemicals in Construction Industry – Significance	30 hrs
6	Industrial Approach to Real Time Complex Problem	30 hrs
7	Contract and Tender Procedures	30 hrs

**Resolution No.12.10:**

**RESOLVED THAT, the above value added courses and the respective syllabi framed and approved by the Board of Studies of Civil Engineering are ratified.**

- R3** The Board of Studies of Mechanical and Automation Engineering has framed and approved the syllabi for the following Value Added Courses offered by Department of Mechanical and Automation Engineering.

*Dr. V. Manikandan, Chairman, Board of Studies (Mech. and Auto.) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Mechanical and Automation Engineering for the following value added courses offered by Department of Mechanical and Automation Engineering be ratified.*

*This was implemented for those who joined the programme in the academic year 2018-2019 anticipating the ratification of the Academic council.*

<b>S.No.</b>	<b>Name of the Course</b>	<b>Duration</b>
1.	Fire and Safety: Oil and Gas industries	30 Hrs
2.	MEMS: Fundamentals and Applications	30 Hrs
3.	Electrical Actuators: Fundamentals, Selection & Applications	30 Hrs
4.	Non-Destructive Testing	30 Hrs
5.	PLC & Sensors	30 Hrs

**Resolution No. 12.11:**

**RESOLVED THAT, the above value added courses and the respective syllabi framed and approved by the Board of Studies of Mechanical and Automation Engineering are ratified.**

- R4** The Board of Studies of Electronics and Instrumentation Engineering has framed and approved the syllabi for the following Value Added Courses offered by Department of Electronics and Instrumentation Engineering.

*Prof. S. Ramraj, Chairman, Board of Studies (Electronics and Instrumentation Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Electronics and Instrumentation Engineering for the following value added courses offered by Department of Electronics and Instrumentation Engineering be ratified.*

*This was implemented for those who joined the programme in the academic year 2018-2019 anticipating the ratification of the Academic council.*

<b>S.No.</b>	<b>Name of the Course</b>	<b>Duration</b>
1.	Machine Learning	30 Hrs
2.	Process Automation	30 Hrs
3.	Lab VIEW Programming for Engineering Applications	30 Hrs
4.	Digital Oil Field and Process Control Systems	30 Hrs
5.	Smart Plant Instrumentation	30 Hrs
6.	Model Control Systems	30 Hrs

**Resolution 12.12:**

**RESOLVED THAT, the above value added courses and the respective syllabi framed and approved by the Board of Studies of Electronics and Instrumentation are ratified.**

**R5** The Board of Studies of Computer Science and Engineering has framed and approved the syllabi for the following Value Added Courses offered by Department of Computer Science and Engineering.

*Dr. M. Varghese, Chairman, Board of Studies (Computer Science and Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Computer Science and Engineering for the following value added courses offered by Department of Computer Science and Engineering be ratified.*

*This was implemented for those who joined the programme in the academic year 2018-2019 anticipating the ratification of the Academic council.*

<b>S.No.</b>	<b>Name of the Course</b>	<b>Duration</b>
1.	Project Based Python Programming	30 Hrs
2.	Web designing and Hosting tools	30 Hrs
3.	Angular JS	30 Hrs
4.	IoS Application Development	30 Hrs
5.	Cloud Application Development	30 Hrs
6	Industry Oriented C Programming	30 Hrs
7	Web/Mobile Application Development using Flutter	30 Hrs



**Resolution 12.13:**

**RESOLVED THAT, the above value added courses and the respective syllabi framed and approved by the Board of Studies of Computer Science and Engineering are ratified.**

- R6** The Board of Studies of Marine Engineering has framed and approved the syllabi for the following Value Added Courses offered by Department of Marine Engineering.

*Prof. T. James Wilson, Chairman, Board of Studies (Marine Engineering) was granted leave and therefore Prof. A.C. Mariappan, Professor, Department of Marine Engineering and Teacher Representative of the Academic Council moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Marine Engineering for the following value added courses offered by Department of Marine Engineering be ratified.*

*This was implemented for those who joined the programme in the academic year 2018-2019 anticipating the ratification of the Academic council.*

<b>S.No.</b>	<b>Name of the Course</b>	<b>Duration</b>
1.	Marine High Voltage Safety Course	35Hrs
2.	Ship Energy Efficient Management	40 Hrs
3.	Refrigeration Container Course	40 Hrs
4.	Crane Operating Practice	35Hrs
5.	Safe Lifting and Hoisting	35Hrs
6.	Anchor Handling	35 Hrs

**Resolution 12.14:**

**RESOLVED THAT, the above value added courses and the respective syllabi framed and approved by the Board of Studies of Marine Engineering are ratified.**

- R7** The Board of Studies of Aeronautical Engineering has framed and approved the syllabi for the following Value Added Courses to be offered by Department of Aeronautical Engineering.

*Dr. N. Vijay Ponraj, Chairman, Board of Studies (Aeronautical Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Aeronautical Engineering for the following value added courses offered by Department of Aeronautical Engineering be ratified.*

*This was implemented for those who joined the programme in the academic year 2018-2019 anticipating the ratification of the Academic council.*

S.No.	Name of the Course	Duration
1.	Geometrical Dimensioning & Tolerancing	40 Hrs
2.	RC Modelling	35Hrs
3.	Numerical Simulation of Flow Around Aerofoil	45Hrs
4.	Fibre Composite Materials – Processes and Manufacturing	35Hrs
5.	Engine Data Analytics	35Hrs
6.	Technical Author and Technical Publications	30 Hrs

**Resolution 12.15:**

**RESOLVED THAT, the above value added courses and the respective syllabi framed and approved by the Board of Studies of Aeronautical Engineering are ratified.**

**R8** The Board of Studies of Electronics and Communication Engineering has framed and approved the syllabi for the following Value Added Courses to be offered by Department of Electronics and Communication Engineering.

*Dr. K. Paul Joshua, Chairman, Board of Studies (Electronics and Communication Engineering) moved the resolution,*

*That the syllabus framed and approved by the Board of Studies of Electronics and Communication Engineering for the following value added courses offered by Department of Electronics and Communication Engineering be ratified.*

*This was implemented for those who joined the programme in the academic year 2018-2019 anticipating the ratification of the Academic council.*

S.No	Name of the Course	Duration
1.	Internet of Things (IoT) for Smart City	30 Hrs
2.	Practical Course on Python Programming	30 Hrs
3.	Basics of Robotics	30 Hrs
4.	Physical VLSI Design	30 Hrs
5.	Antenna Design using HFSS	30 Hrs
6.	Ethical Hacking	30 Hrs
7.	Raspberry Pi	30 Hrs
8.	Matlab Programming	30 Hrs
9.	Artificial Intelligence Technique-Fuzzy Logic	30 Hrs
10.	Hands on training program on ARDUINO	30 Hrs
11.	Embedded C with RTOS	30 Hrs
12.	NI LabVIEW Programming	30 Hrs
13.	Machine Learning Techniques	30 Hrs
14.	Matlab for Image Processing	30 Hrs

15.	Mobile applications and services	30 Hrs
16.	Cryptography and Network Security	30 Hrs

**Resolution 12.16:**

**RESOLVED THAT, the above value added courses and the respective syllabi framed and approved by the Board of Studies of Electronics and Communication Engineering are ratified.**

**12.5.2: Approval of AQAR 19-20**

The Annual Quality Assurance Report (AQAR) for the academic year 2019-20 to be submitted to National Assessment and Accreditation Council (NAAC) was placed in the Council for the views and comments of the members. After a detailed discussion on the AQAR the following resolution was passed.

**Resolution 12.17:**

**RESOLVED THAT, the AQAR for the academic year 2019-20 to be submitted to NAAC is approved. The IQAC Coordinator is authorized to submit the AQAR to NAAC before the deadline in consultation with the Principal.**

**12.5.3: Approvals related to academic matters of the college**

A. As per the eligibility criteria prescribed by Director General of Shipping (DGS), Mumbai, a student can join second year of B.E. Marine Engineering course if he/she has the following minimum academic qualification.

**“Candidates can join 2<sup>nd</sup> year of 4-year Marine Engineering Degree Course who have passed 1<sup>st</sup> year from the Engineering College in other Streams like Mechanical or Electrical approved by AICTE with minimum 60% average marks”**

This was placed in the Academic Council for approval.

After detailed deliberations and discussions the following resolution was passed.

**Resolution 12.18:**

**RESOLVED THAT, as per the eligibility criteria prescribed by the Director General of Shipping (DGS), Mumbai, the students who have scored a minimum of 60% marks in the 1<sup>st</sup> year Electrical or Mechanical stream of PSN College of Engineering and Technology shall be admitted in the 2<sup>nd</sup> year of B.E. Marine Engineering offered by PSN College of Engineering and Technology.**

B. The Chairman of the Academic Council informed the members about the decision taken to surrender B.E. Electronics and Instrumentation Engineering programme and instead B.E.



Biomedical and Robotic Engineering programme shall be introduced with 30 seats. The programme will be started after appropriate approvals are obtained from the competent authorities.

**All the members of the Academic Council welcomed the decision and asked the Chairman, Academic Council to go ahead on the decision taken.**

- C. As per Regulations 2014, every student admitted under autonomous regulation has to earn 20 extra credits to complete the degree. The extra credits are awarded on various items including participation in social awareness programmes, publication of research papers, completion of value added courses, NPTEL courses and many more. As per Regulations 2014, there is a ceiling in earning extra credits under each item.

In the prevailing pandemic situation it is difficult for the students to span all items and earn extra credits as prescribed in Regulation 2014. Considering this extraordinary situation, requests have been received from the Heads of departments to remove the ceiling in earning extra credits for the current final year students who are going to complete their programme in April-May 2021. This was placed before the Academic Council for approval.

**Resolution 12.19:**

**RESOLVED THAT, considering the prevailing pandemic situation, the ceiling prescribed in the activities and courses for earning extra credits under Regulation 2014 shall not be followed for the students appearing for their final year examination in April – May 2021. The prescribed 20 credits shall be calculated by putting together the credits earned through all the activities and courses done by the student during his period of study without applying any ceiling as prescribed in Regulation 2014. This is applicable only for the students who are appearing for their final year examination during April-May 2021.**


**Agenda # 12.6:**

**Report of CoE on conduct of examinations & result declaration**

The Report of the Controller of Examinations was placed in the Academic Council and it was accepted by the Council.

**Agenda # 12.7:**

The meeting concluded with a vote of thanks to the chair by the Member Secretary.

  
**Member Secretary**  
Academic Council  
(Dr. X. Sahaya Shajan)

  
**PRINCIPAL**  
Chairman  
Academic Council  
(Dr. V. Manikandan)

PSN COLLEGE OF ENGINEERING & TECHNOLOGY  
MELATHEDIYODU, TALUK  
TIRUNELVELI DISTRICT