RVS TECHNICAL CAMPUS – COIMBATORE

(An Autonomous Institution)

KumaranKottam Campus, Trichy Road, Kannampalayam, Coimbatore – 641 402.

Department of Mechatronics Engineering

Minutes of the First Board of Studies (BOS) Meeting

The First Board of Studies (BOS) of the Department of Mechatronics Engineering meeting was held on 26.10.2024 (Saturday) at 11.30 AM in the Board room, RVS Technical Campus-Coimbatore, Coimbatore-641 402.

Following Members were Present:

Sl No.	Member Category	Name, Designation and Affiliation
1.	Chairman	Dr.S.Narayanamoorthy Professor & Head Department of Mechatronics Engineering RVS Technical Campus Coimbatore Coimbatore - 641402
2.	University Nominee 1	Dr. M. Suresh, Associate Professor Department of Robotics and Automation Engineering, PSG College of Technology, Coimbatore – 641004 Mobile: 9965385854 Email:msh.rae@psgtech.ac.in
3.	University Nominee 2	Dr. K. Ashok Associate Professor Department of Mechanical Engineering, Puducherry Technological University, Puducherry Mobile: 9443434059 Email: ashok@ptuniv.edu.in
4.	Subject Expert 1	Dr S. Denis Ashok M.E., Ph.D Professor, Department of Mechanical Engineering, VIT University,Vellore – 632 014. Mobile: 9444868585 Email: denisashok@vit.ac.in
5.	Subject Expert 2	Dr.N.PraveenKumarM.Tech., Ph.D Assistant Professor (SG), Department of Electrical and Electronics Engineering, School of Engineering, Amrita Vishwa Vidhyapeetham, Coimbatore - 641112 Mobile: 9894683123 Email: npraveenkumar@cb.amrita.edu

<table>
<tr><td>6.</td><td>Industry Expert</td><td colspan="3">Mr. Balan Ruban B.E.,
Managing Director,
RUBSS Precision Tech Pvt Ltd,
Coimbatore – 641017.
Mobile: 6379530683
Email: rubs.prectech@gmail.com</td></tr>
<tr><td>7.</td><td>Alumni</td><td colspan="3">Mr. M. Santhosh Kumar,
Clerical Assistant,
South Indian Bank
Mobile:8778863907
Santosurya53@gmail.com</td></tr>
<tr><td rowspan="10">8.</td><td rowspan="10">Members of the faculty of Mechatronics Engineering</td><td>Sl No.</td><td>Name</td><td>Designation</td></tr>
<tr><td>1.</td><td>Dr.M.Sanjai</td><td>Associate Professor</td></tr>
<tr><td>2.</td><td>Dr.K.AmuthambigaiyinSundari</td><td>Associate Professor</td></tr>
<tr><td>3.</td><td>Mr.K.Sathish Kumar</td><td>Assistant Professor</td></tr>
<tr><td>4.</td><td>Mrs.K.Sathya Shree</td><td>Assistant Professor</td></tr>
<tr><td>5.</td><td>Mr.C.Prabhu Kumar</td><td>Assistant Professor</td></tr>
<tr><td>6.</td><td>Mr.B.Pradeev</td><td>Assistant Professor</td></tr>
<tr><td>7.</td><td>Mr.T.Sakthieswaran</td><td>Assistant Professor</td></tr>
<tr><td>8.</td><td>Mrs.B.Nandhini</td><td>Assistant Professor</td></tr>
<tr><td>9.</td><td>. Mrs.D.Pradhiba</td><td>Assistant Professor</td></tr>
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The meeting started with the welcome address by Dr.S.Narayanamoorthy, the Chairman Board of Studies-Department of Mechatronics Engineering followed by the address by our Principal Dr. S. Vijayan.

The Chairman placed the agenda for the deliberations and discussions of the members.

The University representative Dr.K.Ashok could not attend in person following a family exigency(his mother being admitted to hospital) and later expired.

AGENDA OF THE MEETING:

1. Curriculum Review and Updates.
2. Discussion on New Courses.
3. Examination and Evaluation Reforms.
4. Feedback from Industry Experts.
5. Any other matters with the permission of the chair.

The curriculum and syllabi for II, III & IV Years for Mechatronics Engineering was presented by Dr.S.Narayanamoorthy, BOS Chairman. The same was followed by the discussion with all the members of the Board of Studies (BOS).

BOSMCS.24.01.01 **To review and approve the curriculum & syllabus of Mechatronics engineering. The members recommended the following**

- It is decided to follow the same curriculum and syllabus of Anna University offered under R2021 for the II, III and IV year as Autonomous approval is received after the odd semester classes commences.
- Continuous Assessment Test, End- Semester Examination and Evaluation reforms are discussed.
- BoS members reviewed the [core subjects/elective subjects] and suggested methodologies for innovative teaching and evaluation techniques.
- BoS Members suggested to include Value Added Course in curriculum and syllabus to provide a focused and Industrial learning experience with deputing Adjunct faculty. Value added courses might assign 1 credit.
- BoS Members suggested to correlate the vision, mission with program educational objectives (PEOs), and program specific outcomes (PSOs) to ensure current goals and align with the institution's strategic direction.
- BoS Members advised to frame New Regulation should outline the framework for enhancing academic integrity, ensuring educational quality, and promoting a supportive learning environment for all students.
- Program Advisory Committee (PAC) is required to provide guidance, support, and expertise to enhance the effectiveness and relevance of the Program. Based on the feedback from all stake holders.
- BoS Members advised the students should be encouraged to attend webinars handled by industry experts to make them industry ready. Also, the students can be motivated for the online- certification courses and MOOC courses.

BOSMCS.24.01.02: **To review and approve the syllabus of Basic Electrical and Electronics Engineering and Basic Electrical and Electronics Laboratory for other branches.**

The members reviewed the syllabus of the following courses offered to all branches and resolved to approve the same

Course Code	Course Name	Branch	Semester
24UBE201	Basic Electrical, Electronics and Instrumentation Engineering	CIVIL AND AGRICULTURAL ENGINEEERING	II
24UBE202	Basic Electrical and Electronics Engineering	CSE,AIML,AIDS,AUTO AND MECH ENGINEEERING	II
24UBE203	Basic Electrical, Electronics Engineering and Measurements	MECHATRONICS ENGINEERNG	II
24UBE211	Basic Electrical, Electronics and Instrumentation Engineering Laboratory	CIVIL AND AGRICULTURAL ENGINEEERING	II
24UBE212	Basic Electrical and Electronics Engineering Laboratory	AUTO AND MECH ENGINEEERING	II
24UBE213	Basic Electrical, Electronics Engineering and Measurements Laboratory	MECHATRONICS ENGINEERNG	II

Based on the suggestions and recommendations given by the members, BoS resolved to recommend the above to the Academic Council for further approval.

In the concluding remarks, the Chairman stated that the recommendations suggested by the members would be considered.

The BoS Chairman, Dr.S.Narayanamoorthy, thanked all the members for their kind cooperation and the meeting was formally closed at 1.00 P.M

Dr.S.NARAYANAMOORTHY
M.E..M.B.A..Ph.D
Vice Principal, Professor & Head
Department of Mechatronics Engineering
RVS Technical Campus-Coimbatore
Kannampalayam, Coimbatore - 641 402

RVS TECHNICAL CAMPUS – COIMBATORE

(An Autonomous Institution& Affiliated to Anna University Chennai-25)

KANNAMPALAYAM, COIMBATORE-641 402.

Department of Mechatronics Engineering

Date: 26.10.2024

Signature of Board of Studies (BOS) Members

SL.NO	NAME & DESIGNATION	POSITION	SIGNATURE
1	**Dr.S.VIJAYAN** Principal RVS Technical Campus Coimbatore	Ex-officio Member	26.10.24
2	**Dr.S.Narayanamoorthy** Professor & Head Department of Mechatronics Engineering, RVS Technical Campus Coimbatore	Chairman	26/10/2024
3	**Dr. M. Suresh,** Associate Professor Department of Robotics and Automation Engineering, PSG College of Technology, Coimbatore – 641004	Expert nominated by the University	
4	**Dr. K. Ashok** Associate Professor Department of Mechanical Engineering, Puducherry Technological University, Puducherry	Expert nominated by the University	

5	**Dr S. Denis Ashok** Professor, Department of Mechanical Engineering, VIT University, Vellore – 632 014	Subject Expert	
6	**Dr.N.PraveenKumar,** Assistant Professor (SG), Department of Electrical and Electronics Engineering, School of Engineering, Amrita VishwaVidhyapeetham, Coimbatore - 641112	Subject Expert	
7	**Mr. BalanRuban** Managing Director, RUBSS Precision Tech Pvt Ltd, Coimbatore – 641017.	Industry Expert	
8	**Mr. M. Santhosh Kumar** Process Associate, South Indian Bank,Singanallur, Coimabatore	Alumini of RVSTCC	
9	Dr.M.Sanjai Associate Professor	Internal Member / Mechatronics Engineering	
11	Dr.K.AmuthambigaiyinSundari Associate Professor	Internal Member / Mechatronics Engineering	
12	Mr.K.Sathish Kumar Assistant Professor	Internal Member / Mechatronics Engineering	
13	Mrs.K.Sathya Shree Assistant Professor	Internal Member / Mechatronics Engineering	
14	Mr.C.Prabhu Kumar Assistant Professor	Internal Member / Mechatronics Engineering	
15	Mr.B.Pradeev Assistant Professor	Internal Member / Mechatronics Engineering	
16	Mr.T.Sakthieswaran Assistant Professor	Internal Member / Mechatronics Engineering	
17	Mrs.B.Nandhini Assistant Professor	Internal Member / Mechatronics Engineering	
18	Mrs.D.Pradhiba Assistant Professor	Internal Member / Mechatronics Engineering	

26/10/2024

Dr.S.NARAYANAMOORTHY
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