



MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

# Rajarajeswari College of Engineering

(An Autonomous Institution under VTU, Belagavi)

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru -560074, Karnataka

## Department of Robotics and Automation



Ref: RRCE/RA/2025-26/02

Date: 25.03.2026

### Minutes of 4<sup>th</sup> BOS meeting

#### AGENDA

**Date of meeting:** 25/03/2026

**Time:** 10.30 a.m to 1.00 p.m

**Venue:** Board Room, Rajarajeswari College of Engineering.

**Agenda 1:** Welcome address by the Chairman of the Board of Studies (BOS)

**Agenda 2:** Discussion on 5<sup>th</sup> to 8<sup>th</sup> semester scheme and Syllabus proposed for UG- Department of Robotics and Automation programme.

**Agenda 3:** Discussion on 3<sup>rd</sup> and 4<sup>th</sup> Semester scheme and syllabus of 2025 scheme- UG- Robotics and Automation programme.

**Agenda 4:** Vote of Thanks.

**Campus:** #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074

Phone: +91-80-28437124 / 28437375 Extn: 310

Email Id: hodra@rrce.org

Website: <https://www.rrce.org>



**MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST**  
**Rajarajeswari College of Engineering**



(An Autonomous Institution under VTU, Belagavi)

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru -560074, Karnataka

**Department of Robotics and Automation**

**MEMBERS OF THE BOARD OF STUDIES**

Sl. No.	Name	Designation	Role in BoS
1	Dr. K. V. Suresh	Professor, SIT, Tumakuru	VTU Nominee
2	Dr. Adarsha H	Principal, MESCACS, Bengaluru.	Academic Expert
3	Dr. Pramodkumar. S.K	Associate Professor, Reva University, Bengaluru.	Academic Expert
4	Dr. Venkat Reddy P.S	Product Owner, SAP Labs, Bengaluru	Industry Expert
5	Mr. Santhosh. M. S	Manager, Pixtech Labs, Pvt, Ltd., Bengaluru.	Industry Expert
6	Mr. K. Chetan	SAP consultant, NTT Data Pvt, Ltd., Bengaluru.	Alumni
7	Dr.Rangaiah L	Professor	Dean Academics
8	Dr. Satheesha V	Associate Professor & HoD	BoS Chairman
9	Dr. M. Karthikeyan	Professor	Member
10	Dr. C. Ramesh	Professor	Member
11	Dr. K. C. Vishwanath	Professor	Member
12	Dr.N.Sreenivasalu Reddy	Associate Professor	Member
13	Dr. Thanuj Kumar M	Associate Professor	Member
14	Dr. Radhakrishna R.K	Associate Professor	Member
15	Mr. Dhananjay B.S	Assistant Professor	Member
16	Mrs. G. Manasa	Assistant Professor	Member
17	Mrs.D Beulet Mary	Assistant Professor	Member

**Campus: #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074**



# RajaRajeswari College of Engineering

(An Autonomous Institution Under Visvesvaraya Technological University, Belagavi,  
Approved by AICTE, UGC & GoK, Accredited by ISO 9001-2015 Certified Institution)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



## Department of Robotics and Automation

Date: 25.03.2026

The following members are attended for the 4<sup>th</sup> Board of Studies (BoS) Meeting on  
25.03.2026 at 10:00 am, Board Room.

### Members Present:

Sl. No.	Name	Designation	Role in BoS	Signature with date
1	Dr. K. V. Suresh	Professor, SIT, Tumakuru	VTU Nominee	
2	Dr. Adarsha H	Principal, MESCACS, Bengaluru.	Academic Expert	 25.03 2026
3	Dr. Pramodkumar. S.K	Associate Professor, Reva University, Bengaluru.	Academic Expert	 25/3/26
4	Dr. Venkat Reddy P.S	Product Owner, SAP Labs, Bengaluru	Industry Expert	ONLINE
5	Mr. Santhosh. M. S	Manager, Pixtech Labs, Pvt, Ltd., Bengaluru.	Industry Expert	ONLINE
6	Mr. K. Chetan	SAP consultant, NTT Data Pvt, Ltd., Bengaluru.	Alumni	 25/3/26
7	Dr.Rangaiah L	Professor	Dean Academics	 25/3/26
8	Dr. Satheesha V	Associate Professor & HoD	BoS Chairman	 25/03/26
9	Dr. M. Karthikeyan	Professor	Member	 25/3/26
10	Dr. C. Ramesh	Professor	Member	AB
11	Dr. K. C. Vishwanath	Professor	Member	 25/3/26
12	Dr.N.Sreenivasalu Reddy	Associate Professor	Member	
13	Dr. Thanuj Kumar M	Associate Professor	Member	 25/3/26
14	Dr. Radhakrishna R.K	Associate Professor	Member	 25/03/2026
15	Mr. Dhananjay B.S	Assistant Professor	Member	
16	Mrs. G. Manasa	Assistant Professor	Member	 Manasa.G
17	Mrs.D Beulet Mary	Assistant Professor	Member	AB

25/03/2026

BoS Chairman  
CHAIRMAN  
BOARD OF STUDIES

Dept. of Robotics and Automation  
Rajarajeswari College of Engineering

Bengaluru - 560074

Campus: #14, Ramohalli Cross, Kumbalodu, Mysore Road, Bengaluru

Phone: +91-80-28437124 / 28437375

Email Id: hodecc@rrce.org

25/3/26

Dean - Academics

DEAN ACADEMICS

Rajarajeswari College of Engineering

Bengaluru - 560074

Website: <https://www.rrce.org>



## MINUTES OF THE MEETING

### **Agenda 1: Welcome address by the Chairman of the Board of Studies (BOS).**

The Chairman of the Board of Studies (BOS) formally welcomed all the members and invited them to begin the proceedings.

### **Agenda 2: Discussion on 5<sup>th</sup> to 8<sup>th</sup> semester scheme and syllabus of 2024 scheme proposed for UG-Department of Robotics and Automation programme.**

The Chairman of the Board of Studies (BOS) presented the proposed scheme and syllabus for the 5<sup>th</sup> to 8<sup>th</sup> semesters of the Undergraduate Program in Robotics and Automation, formulated in alignment with the latest VTU guidelines. The members of the BOS thoroughly reviewed and discussed the proposed curriculum.

- Dr. K. V. Suresh, VTU Nominee, participated in the 4th BOS meeting and advised strengthening the self-learning component in the scheme to promote independent and lifelong learning among students. He also advised that the self-learning column in the scheme should clearly specify activities that students are expected to carry out independently outside regular class hours.
- Members suggested to consider the inclusion of a Managerial Economics for Robotics subject in the curriculum to enhance students' understanding of economic principles, decision-making, and industry-oriented managerial skills.
- The Principal emphasized that continuity should be maintained in Professional Elective Courses (PEC). It was also suggested to examine the inclusion of Additive Manufacturing under PEC.
- Dr. Adarsha H recommended reviewing the combination of Solid Mechanics and Fluid Mechanics.
- Dr. Pramodkumar S. emphasized the importance of designing the curriculum in accordance with the latest NBA accreditation standards.
- The members advised that the course Biology for Engineers should be reviewed for credit allocation.



- It was suggested to verify the subject title, and that Theory of Applied Robotics should be categorized under PCC only.
- It was resolved that the Articulation Matrix should be prepared accurately and systematically to ensure proper mapping between Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs). The matrix should clearly indicate the level of correlation (low, medium, high), maintain consistency across all courses, and reflect the actual contribution of each course toward achieving program outcomes. Proper documentation and validation are essential to support accreditation requirements and outcome-based education practices.
- It was resolved that Course Outcomes (COs) should be written using a single, clear action verb to ensure clarity, measurability, and proper alignment with outcome-based education practices.
- Members insisted while preparing the syllabus, avoid restricting topics (e.g., “no derivations” or “no numericals”).

**Agenda 3: Discussion on 3<sup>rd</sup> and 4<sup>th</sup> Semester scheme and syllabus of 2025 scheme - UG- Department of Robotics and Automation programme.**

The Chairman of the Board of Studies (BOS) presented the proposed scheme and syllabus for the 3<sup>rd</sup> and 4<sup>th</sup> semesters of the Undergraduate Program in Robotics and Automation, formulated in alignment with the latest VTU guidelines. The members of the BOS thoroughly reviewed and discussed the proposed curriculum.

- Members suggested for subject Mathematics III should be renamed as Probability, statistics and complex variables.
- It was recommended that Microcontroller (As core) and ARM Processor (As elective) courses be offered separately to ensure a clear distinction between foundational and advanced microcontroller concepts. The 8051 course should focus on basic architecture, programming, and interfacing fundamentals, while the ARM course, as an elective, can cover advanced features, modern embedded system design, and industry-relevant applications. This separation will help students build strong fundamentals before progressing to advanced topics and provide flexibility based on their interests.



**MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST**  
**Rajarajeswari College of Engineering**



(An Autonomous Institution under VTU, Belagavi)

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru -560074, Karnataka

**Department of Robotics and Automation**

- Dr. K. V. Suresh advised introducing a project component in the 2025 scheme as per VTU norms.
- It was resolved that faculty members shall provide detailed self-learning plans in the lesson plan for each course.
- It was resolved that for lateral entry students, Mathematics shall be conducted with CIE only.
- It was decided to offer Robotic Materials & Fabrication in the III semester.
- It was resolved to introduce AI for Automation in the IV semester.
- It was resolved to introduce Machine Learning for Robotics Applications in the V semester.
- Dr. K. V. Suresh emphasized that detailed result analysis is essential for improving academic performance.
- Members insisted faculty to encourage student to implement learned concepts in project development.
- The members appreciated the collaborative efforts in curriculum design and supported the proposed changes, which aim to align with current academic standards and industry expectations.

The meeting concluded with directions to incorporate the above suggestions into the revised scheme and syllabus. All faculty members were instructed to implement the changes and submit updated documents within the stipulated timeline.

**Agenda 3: Vote of Thanks**

The BOS Chairman expressed his sincere thanks towards all the members for attending the meeting and also for their valuable inputs and formally concluded the meeting.

**Campus: #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074**



**MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST**  
**Rajarajeswari College of Engineering**



(An Autonomous Institution under VTU, Belagavi)

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru -560074, Karnataka

**Department of Robotics and Automation**



**Photo.1: Dr. Satheesha V, The BoS Chairman is presenting in front of the BoS members.**

**Campus: #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074**

Phone: +91-80-28437124 / 28437375 Extn: 310

Email Id: hodra@rrce.org

Website: <https://www.rrce.org>



# MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST Rajarajeswari College of Engineering



(An Autonomous Institution under VTU, Belagavi)

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru -560074, Karnataka

## Department of Robotics and Automation



Phpto.2: Group photo of BOS members present for 4<sup>th</sup> BOS meeting

*[Signature]*  
17/04/2026  
**BOS CHAIRMAN**  
CHAIRMAN  
BOARD OF STUDIES  
Dept. of Robotics and Automation  
Rajarajeswari College of Engineering  
Bengaluru - 560074

*[Signature]* 17/4/26  
**DEAN ACADEMICS**  
DEAN ACADEMICS  
Rajarajeswari College of Engineering  
Bengaluru - 560 074.

*[Signature]*  
Principal  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74

**Campus: #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074**

Phone: +91-80-28437124 / 28437375 Extn: 310

Email Id: hodra@rrce.org

Website: <https://www.rrce.org>