



# Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

[www.srit.org](http://www.srit.org) :: Phone – 0422-2605577



## Faculty Profile

**Full name with Qualification, Designation and**

**Department:**

**S.Boovendravarman B.E, M.E (CAD)**

**Assistant Professor,**

**Mechanical Engineering**



<b>Date of birth</b>	:	13.05.1992	<b>Gender</b>	:	Male
<b>Nationality</b>	:	Indian	<b>Marital status</b>	:	Single
<b>Address for correspondence</b>	:	46 Mariyamman Koil street, Vairankuppam, Poondiyankuppam Post, Cuddalore-607005.	<b>Permanent address</b>	:	46 Mariyamman Koil street, Vairankuppam, Poondiyankuppam Post, Cuddalore-607005.
<b>Mobile no</b>	:	9600825492	<b>e-mail (official)</b>	:	<a href="mailto:boovendravarman.me@srit.org">boovendravarman.me@srit.org</a>
<b>Landline</b>	:	-	<b>e-mail (personal)</b>	:	varmanboovendra@gmail.com
<b>Date of joining</b>	:	12.06.2017	<b>Post of joining</b>	:	Assistant Professor
<b>No of promotions since D.O.J</b>	:	NIL	<b>Present post</b>	:	Assistant Professor
<b>Present pay scale</b>	:	17,602	<b>Gross pay</b>	:	36,611
<b>Employee ID</b>	:	TE335	<b>Bank account No. (Salary credited)</b>	:	500101010958017
<b>P.F. No</b>	:	TN/CBE/56764/10817	<b>Group Insurance No</b>	:	AG00059675000102
<b>PAN Number</b>	:	BLQPB2537P	<b>Aadhar Number</b>	:	647407253180
<b>AICTE ID</b>	:	1-3537024143	<b>AICTE Institution ID</b>	:	1-7841521

### Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	B.E	Mechanical	2013	KPR Institute of Engineering Technology	Anna University, Chennai
PG	M.E	CAD	2016	Government College of Engineering	Anna University, Chennai
Ph.D		NIL			
Others		NIL			

### Ph.D. Scholar Details

S.No.	Name of the scholar	Registration details	College	Status
	NIL			

### Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Ramakrishna Institute of Technology	Assistant Professor	12.06.2017	-	6	5	10
Sree Sakthi Engineering College	Assistant Professor	01.08.2016	10.06.2017	0	10	10
Total				7	3	20

### Industrial Experience

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Total							

## Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-2024	V	20ME013	CAD/CAM	T	On Going
2023-2024	I	20MEG02	Engineering Workshop	L	On Going
2023-2024	I	20MEG01	Engineering Graphics	L	On Going
2023-2024	I	20MEG01	Engineering Graphics	L	On Going
2022-2023	IV	20ME008	Theory of Machines	T	72.27%
2022-2023	II	20MEG02	Engineering Workshop	L	100%
2022-2023	I	20MEG01	Engineering Graphics	L	100%
2022-2023	I	20MEG01	Engineering Graphics	L	100%
2022-2023	VII	UMEC016	Integrated Design Project	L	100%
2021-2022	IV	20ME008	Theory of Machines	T	75%
2021-2022	IV	20ME012	Dynamics Laboratory	L	100%
2021-2022	I	20MEG01	Engineering Graphics	L	100%
2021-2022	V	UMEC008	Dynamics of Machines	T	98.20%
2020-2021	IV	UMEC006	Kinematics of Machinery	T	100%
2020-2021	I	20MEG01	Engineering Graphics	L	100%
2020-2021	V	UMEC008	Dynamics of Machines	T	100%
2019-2020	IV	UMEC006	Kinematics of Machinery	T	100%
2019-2020	IV	UMEC006	Kinematics of Machinery	T	100%
2019-2020	V	UMEC008	Dynamics of Machines	T	98.60%
2019-2020	I	UICE001	Basic Civil and Mechanical Engineering	T	95.20%
2019-2020	II	UICE010	Engineering Graphics	T	95.70%
2018-2019	II	UICE010	Engineering Graphics	T	83.00%
2018-2019	II	UICE010	Engineering Graphics	T	86.00%
2018-2019	I	UICE001	Basic Civil and Mechanical Engineering	T	100%
2017-2018	IV	ME6403	Kinematics of Machinery	T	11.11%
2017-2018	II	UICE010	Engineering Graphics	T	93.84%
2017-2018	II		Engineering Workshop	L	100%
2017-2018	VII	ME6702	Mechatronics	T	85.00%
2017-2018	I	UICE001	Basic Civil and Mechanical Engineering	T	66.67%

### Projects Guided

Academic Year	Semester	Project Title	UG / PG
2022-2023	VIII	Optimization Of Machinability Parameters Of Aluminium Hybrid Composite	UG
2022-2023	VI	Design And Fabrication of Mechanical Stirrer	UG
2022-2023	VII	Multi-response Optimization of Aluminium 6061-T6 And 7075 In Milling And Drilling	UG
2021-2022	VIII	Parameter Optimization of GMA Stainless Steel AISI430 Grade Using Arc Welding Robot	UG
2021-2022	VIII	Design And Fabrication of Composite Components In Suspension System	UG
2021-2022	VII	Design And Analysis of E-Bike Hubless Wheel and Suspension System	UG
2020-2021	VIII	Experimental Investigation of Mechanical and Tribological Behavior of Coir Fiber Based Hybrid Composites	UG
2020-2021	VIII	Synthesis And Analysis of Hybrid Aluminium Matrix Composites	UG
2020-2021	VIII	Sustainable Egg Tray Making Machine	UG
2019-2020	VIII	Fool Proof Emergency Passenger Extraction System	
2019-2020	VIII	Design And Fabrication of Experimental Setup for the Agitation of Heat Storage Elements with Sound Waves	UG
2018-2019	VIII	Pneumatic Wall Climbing Robot With Wheel Movement	UG

### Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	4	0
Conferences	2	0

### Journal Publications (IEEE format)

1. Saravanakumar, A., Jeyakumar, R., **Boovendravarman, S.**, Arivalagan, P., & Pandian, M. S. (2023). Study of tribological characteristics of hybrid aluminium matrix composite using design of experiment. Materials Today: Proceedings. ISSN 2214-7853.

2. Veeramanikandan, M., Sathish, D., Jeryraj Kumar, L., & **Boovendravarman, S.** (2021). Effective study on developments in photovoltaic thermal (PV/T) water heating system. Materials Today: Proceedings, 42, 584-589.
3. Kumar, S. R., Karthick, P. A., **Boovendravarman, S.**, Raghul, K. S., & Thiyaagu, S. (2020). Characteristics of contactless swirl vane gripper by investigating the negative pressure and clearance. Materials Today: Proceedings, 33, 270-274.
4. Chokkalingam, B., **Boovendravarman, S.**, Tamilselvan, R., & Raja, V. (2020). Application of ishikawa diagram to investigate significant factors causing rough surface on sand casting. Proc. Eng. Sci, 2, 353-360.

#### Conference Publications (IEEE format)

1. Sathish, D., Veeramanikandan, M., **Boovendravarman, S.**, & Jeryraj Kumar, L. (2020, December). Influences of welding parameters on friction stir welding of AA 6063 Al-alloy and copper plates–An experimental study. In Journal of Physics: Conference Series (Vol. 1706, No. 1, p. 012173). IOP Publishing.
2. Thangarasu, A., **Varma, S. B.**, & Sudharsan, S. (2020, September). Microstructure and wear behaviour of aluminium surface composites fabricated using friction stir processing. In IOP Conference Series: Materials Science and Engineering (Vol. 932, No. 1, p. 012132). IOP Publishing.

#### Books / Book Chapters (IEEE format)

1. Simulation and Analysis Laboratory Manual Published by Xpress Publisher ISBN 978-1-64760 2451.

#### Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
NIL			

#### Consultancy

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
	NIL			

### **Workshops / Seminars attended**

1. Participated in NPTEL Awareness E- Workshop conducted by IIT Madras on July 05, 2023.
2. Participated in Webinar on Fundamentals of Computer Aided Engineering conducted by skill lync on 16.05.2020.
3. Participated in Webinar on Piping and Instrumentation in Thermal Power plants conducted by Kalasalingam University on 23.05.2020.
4. Participated in Workshop on Computational Fluid Dynamics conducted by skill lync on 02.06.2020.
5. Participated in Webinar on Battery Thermal Management conducted by skill lync on 14.05.2020.

### **FDP Attended**

1. Participated in One Week FDP on “Outcome based education and Accreditation Process” organized by Department of Computer science and engineering, SSN College of Engineering, Chennai, from 12.12.2022 to 16.12.2022.
2. Participated in one week FDP on “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 28.06.2021 to 2.07.2021.
3. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Energy Storage" from 05.10.2020 to 09.10.2020 at Bharathiar University.
4. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Energy Engineering" from 17.09.2020 to 21.09.2020 at Velammal engineering college.
5. Participated in One Week FDP on “ME 8593 Design of Machine Elements” organized by Department of Mechanical Engineering, University College of Engineering, Kancheepuram, from 10.06.2019 to 15.06.2019.
6. Participated in One Week FDP on “Bio Polymers and Bio Composites” organized by Department of Rubber and Plastics Technology, Anna University (MIT Campus), Chennai., from 04.06.2018 to 10.06.2018.

### **Events Organized**

1. Organized one week FDP on “Outcome Based Education for Inductee” Teachers from 02.01.2023 to 06.01.2023.

### Online Courses Completed

Sl. No.	Title	Platform
1.	Six Sigma Tools for Analyze	Coursera
2.	Nature and Properties of Materials	NPTEL
3.	Industrial Biotechnology	Coursera
4.	Anatomy: Musculoskeletal and Integumentary Systems	Coursera
5.	Leadership and Emotional Intelligence	Coursera
6.	Six Sigma Tools for Define and Measure	Coursera
7.	Six Sigma Principles	Coursera
8.	Biology for Engineers	NPTEL
9.	BEC	-
10.	Introduction to Algae	Coursera
11.	Wind Energy	Coursera
12.	Epidemics of Infectious Disease	Coursera
13.	Material Processing	Coursera
14.	Bioenergetics of Life Processes	NPTEL
15.	Orientation Towards Technical Education and Curriculum Aspects	NITTTR
16.	Communication Skills, Modes & Knowledge Dissemination	NITTTR
17.	Instructional Planning and Delivery	NITTTR

### Awards and Recognitions Secured

- Gold medal in 2019 Kaohsiung international invention and design expo, Kaohsiung, Taiwan for Saree Ironing and Folding Machine.
- Special Award by Norton university in 2019 Kaohsiung international invention and design expo, Kaohsiung, Taiwan for Saree Ironing and Folding Machine

### Self-appraisal

#### Major Strengths

1. Strong Work Ethic
2. Attention to Detail
3. Flexibility

#### Major Weakness

1. Perfectionism
2. Lack of Self awareness

Signature