

## Faculty Profile

1. Name :Balaji B  
 2. Designation :Assistant Professor  
 3. Date of Birth :13.08.1991  
 4. Bank A/c No. (LVB) :0751301000217639  
 5. PAN No. :BPTPB1218Q  
 6. Passport No. :-  
 7. Nature of Association :Regular  
 8. DOJ :01.06.2015  
 9. E-mail ID : balaji130891@gmail.com  
 10. Contact Address &Phone No.:



1. Residential Address	44/9, KalyanaSundaram Street, Molagoundampalayam, Railway colony (PO), Erode-638002.
2. Mobile	7373557060

11. Name of the Institution : K.S.Rangasamy College of Technology,  
Tiruchengode – 637215.  
 12. Department : Mechanical Engineering  
 13. Academic Qualifications: (Starting from SSLC)

S. No.	School / Diploma/ Degree	Board / Institution / University	Year of passing	% of marks/ points	Class	Field of Specialization
1.	ME	Anna University, Chennai.	2015	8.25	First	Computer Aided Design
2.	BE	Anna University, Chennai.	2013	8.04	First	Mechanical
3.	HSC	State Board	2009	86.16	First	Computer Science
4.	SSLC	Matriculation	2007	70.27	First	-

#### 14. Teaching Experience :

S. No.	Name of the Institution	Designation	From	To	Total Experience	
					Year(s)	Month(s)
1.	K.S.Rangasamy College of Technology, Tiruchengode – 637 215.	Assistant Professor	01.06.2015	Present	7	1

#### 15. Membership in Professional Bodies:

Fellow Member (Life Member), International Society for Research and Development (ISRDR)

#### 16. NATIONAL CONFERENCE (Specify Author(s) / Topic / Venue / Date / Volume No. / Page No.):

- Has participated and presented in a national conference on “Deformation Control of Workpiece Fixture System by using Finite Element Analysis” conducted in SNS College of Engineering, Coimbatore.

2. Has participated and presented in a national conference on “Design and Fabrication of Brake and Clutch Lever using Hybrid Composite” at Knowledge Institute of Technology, Salem.
3. Has participated and presented in a national conference on “Design and Fabrication of Pneumatic Sheet Metal Cutting and Bending Machine” conducted in SRM TRP Engineering College, Trichy.
4. Has participated and presented in a national conference on “Design and Fabrication of Pneumatic Sheet Metal Cutting and Bending Machine” conducted in KSR College of Engineering, Tiruchengode.
5. Has participated and presented in a national conference on “Design and Fabrication of Solar Powered Oil Skimmer” conducted in Jai Shriram Engineering College, Tirupur.
6. Has participated and presented a “Fabrication of Power Generation By Heat Exhaust on Two-Wheeler” International Conference on Recent Innovations in Robotics, Construction and Mechanical Sciences (ICRIRCMS- 2022) through Microsoft Teams from 10.06.2022 to 11.06.2022 organized by K.S.Rangasamy College of Technology, Department of Mechanical, Mechatronics and Civil Engineering, Tiruchengode - 637215
7. Has participated and presented a “Fabrication of Solar Powered Water Pumping System Using Auto Tracking” International Conference on Recent Innovations in Robotics, Construction and Mechanical Sciences (ICRIRCMS- 2022) through Microsoft Teams from 10.06.2022 to 11.06.2022 organized by K.S.Rangasamy College of Technology, Department of Mechanical, Mechatronics and Civil Engineering, Tiruchengode - 637215

#### **17. WORKSHOP / CONFERENCE / SEMINAR PARTICIPATED (1 TO 3 DAYS ONLY)**

(Specify Topic / Venue / Date)

1. Attended workshop on “Renewable Energy Resources – The Need of The Hour” conducted in Institute of Road and Transport Technology, Erode.
2. Attended workshop on “Advanced Machining Process” conducted in Sri Krishna College of Technology, Coimbatore.
3. Attended seminar on “Bio-Degradable Materials” conducted in Nandha Engineering College, Perundurai.
4. Participated in a One day National Level Technical Seminar on “Characterization and Applications of Composite Materials”, at N.S.N College of Engineering and Technology, Karur on 10.03.2014.
5. Attended seminar on “Intensification of Precision Manufacturing and Measurements – An Eagle’s Eye Finite” conducted in Kongu Engineering College, Perundurai.
6. Attended workshop on “Awareness on Industry Safety during COVID-19” conducted by S.A.Engineering College, Chennai.

#### **18. STTP / FDP (4 TO 21 DAYS ONLY)(Specify Topic / Venue / Date)**

1. Attended a Faculty Development Program on “AUTOCAD 2015” in Kathir College of Engineering, Coimbatore.
2. Attended a Faculty Development Program on “Autodesk Inventor” in K.S.R College of Engineering, Tiruchengode.
3. Attended a Faculty Development Program on “Low cost automation for agricultural enhancement using MEMS” in K.S.R Institute for Engineering and Technology, Tiruchengode.
4. Attended a Short Term Training Programme on “Development of Laboratory Instruction and Manual (ICT12)” by National Institute of Technical Teachers Training and Research (NITTTR), Kolkata.
5. Attended a Short Term Training Programme on “Problem Based Learning (ICTSPL)” by National Institute of Technical Teachers Training and Research (NITTTR), Kolkata.
6. Attended a Faculty Development Program on “Success Mantra to promote higher Educational in Digital Era: Teach to Learn and Learn to Teach” in K.S.Rangasamy College of Technology, Tiruchengode.

7. Attended a Faculty Development Program on “Multi Objective Optimization for Mechanical Engineering” in QIS College of Engineering and Technology, Andhra Pradesh from 08.06.2020 to 12.06.2020.
8. Attended a Faculty Development Program on “Recent Advances and Applications in Mechanical Engineering” in SRM TRP Engineering College, Trichy.
9. Attended a Faculty Development Program on “Future of Mechanical Engineering with AI” in K.S.Rangasamy College of Technology, Tiruchengode.
10. Participated in the One Week AICTE sponsored online Short Term Training Programme (STTP) on “Smart Materials for Intelligent Future: Industrial and Defence Perspective” organized by Department of Mechanical Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 12.10.2020 to 17.10.2020 (Slot-III).
11. Participated in five days FDP on Product Design Engineering using Fusion 360 conducted by ICT Academy on 09.05.2022 to 13.05.2022.

#### **19. ADDITIONAL IN-CHARGE (EXCEPT TEACHING)**

1. Exam cell co-ordinator for autonomous end semester examination, K.S.Rangasamy College of Technology, Tiruchengode.
2. Department Newsletter In-Charge, K.S.Rangasamy College of Technology, Tiruchengode.
3. Department Higher Education Cell In-Charge, K.S.Rangasamy College of Technology, Tiruchengode.
4. Department Student-Mentor co-ordinator, K.S.Rangasamy College of Technology, Tiruchengode.
5. Department Faculty meeting co-ordinator, K.S.Rangasamy College of Technology, Tiruchengode.

#### **20. AWARDS AND ACHIEVEMENTS (Academic, sports & etc.,)**

1. Produced **100% Result award** in the Unconventional machining processes for the academic year 2016-2017.
2. Produced **100% Result award** in the Computer Integrated Manufacturing for the academic year 2017-2018.
3. Produced **100% Result award** in the Advanced Manufacturing Process for the academic year 2017-2018.

#### **21. Subject Handled**

1. Machining Processes
2. Unconventional Machining Process
3. Fluid Mechanics and Machinery
4. Applied Hydraulics and Pneumatics
5. Computer Integrated Manufacturing
6. Basics of Mechanical Engineering
7. Advanced Manufacturing Processes
8. Engineering Mechanics
9. Engineering Drawing
10. Engineering Graphics
11. Design of Machine Elements
12. Design of Mechanical Transmission Systems