

Faculty Profile

1. Name : PRAKASH P.
2. Designation : ASSISTANT PROFESSOR
3. Date of Birth : 03/07/1992
4. Bank A/c No. (LVB) : 0751301000194776
5. PAN No. : CWFPP9742M
6. Passport No. :-
7. Nature of Association : Regular
8. DOJ : 01/06/2015
9. E-mail ID : prakash3792@gmail.com



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10. Contact Address & Phone No.:

1. Residential Address	6/126, Chettiyampalayam, Ramadevam (PO), P.Velur (TK), Namakkal - 637203
3. Mobile	8012663913

11. Name of the Institution : K.S.Rangasamy College of Technology,
Tiruchengode – 637 215.

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.	SSLC	Matriculation	2007	81.1		
2.	HSC	State board	2009	92.75		
3.	B.E	Anna University Chennai	2013	7.96	First class	Mechanical
4.	M.E	Anna University Chennai	2015	8.5	FWD	CAD

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	Assistant professor	01.06.2015	Till date	8	02

15. Membership in Professional Bodies:

1. Fellow Member (Life Member), International Society for Research and Development (ISRDR)
2. IEI Associate Member- AM3028138

16. INTERNATIONAL /NATIONAL JOURNAL (Specify Author(s) / Topic / Journal/ Volume No. / Page No. /Year):

1. **P.Prakash**, Arjun S , Keethis Kumar M, Akash S., (2023), Automated Solar Grass Cutter For Lawn Mower Using Gps Technology, in Eur. Chem. Bull. 12(Special Issue 1, Part-B), pp-2377-2382
2. **P.Prakash**, Dhanush S, Dharaneesh A., Mohan Bharathi K., (2023), Wi-Fi Based Smart LPG Monitoring and Control with Automatic Booking Alert System, Research and Reviews on Experimental and Applied Mechanics, Volume 5 Issue 3 pp. 1-8.
3. Ramesh C., **Prakash P.**, Sankar P., Prakash R., (2019), “**Fem and Execution Analysis of Hardfaced Aluminium Alloy Impeller**” in Advances in Material Research, pp- 1047-1057.
4. Ramesh C., **Prakash P.**, Naveen T.K., Siddharthan B., (2016), “*Theoretical and Experimental Investigations of Mechanical Properties of Hardfaced Aluminium By TIG Welding*”,Advances in Natural and Applied Science, Vol. 7, pp. 18-25.

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

1. Participated in the National Conference Tutorial Session on '**SWAYAM - NPTEL & IRINS**' Organized by Department of Library, K.S.Rangasamy College of Technology, Tiruchengode & SALIS, Chennai on 13.10.2022.
2. Participated in the Virtual National Conference on „“Design and manufacturing and automation” (NCDMA 2021) entitled “**Design and static analysis of Airless tire**” organised by Department of Mechanical Engineering, SRM TRP Engineering College, Irungalur, held on 15th April 2021.
3. **Regenerative Braking System**, National conference Advancements in Mechanical, Manufacturing & Civil Engineering, Department of Mechanical Engineering, M.Kumarasamy College of Engineering, 9th march 2018.

18. INTERNATIONAL CONFERENCE / SEMINAR PARTICIPATED (1 TO 3 DAYS ONLY)

1. Participated the International Conference on Innovation, Creativity and Computation applications in Engineering, Pharmacy, Architecture and Management presented the titled **Automated Solar Grass Cutter for Lawn Mower Using GPS Technology** from 27.04.2023 to 29.03.2023.
2. Participated the 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 and presented the paper in the title “**Design and Fabrication of IOT based Smart LPG cylinder stand**”.
3. Presented a paper “ **Wi-Fi Based Lpg Monitoring and Control with Automatic Booking Alert System**” in International Web Conference on Advancements in Mechanical and

Automotive Technology (ICAMAT 2022) organized by Department of Mechanical and Automobile Engineering at Bannari Amman Institute of Technology, Sathyamangalam on 20 & 21 May 2022.

4. Participated the Faculty Development Program on '**VIRTUAL LABS**', held virtually from 24-Aug-2020 thru 28-Aug-2020 as part of the "PALS-VLABS 202021 INITIATIVE with NITK Surathkal"
5. "**Prevention from Accident Using Pneumatic Moving Seat**", International Conference on Sustainable Materials (ICSM 2K19), Department of Mechanical Engineering, K.S.R. College of Engineering, Tiruchengode. 19th and 20th March 2019.
6. "**Power Generation by Foot Step Using Rack And Pinion**", International Conference on Sustainable Materials (ICSM 2K19), Department of Mechanical Engineering, K.S.R. College of Engineering, Tiruchengode. 19th and 20th March 2019.
7. Presented a paper "**Performance Alloy of Hardfaced Aluminium Alloy Impeller Using Fem**", 1st International Conference On Innovations In Thermal, Manufacturing , Structural And Environmental Engineering, Mechanical and Civil Engineering, Kongunadu College of Engineering and Technology, 23th and 24th March 2019.
8. "**Cycle Time Reduction in Second Pass Roof Panels**", 7th International Conference on Advanced Science and Engineering Research (ASER"2018), Department of Mechanical Engineering, Al-Ameen Engineering College, 5th April 2018.

19. WORKSHOP PARTICIPATED

1. Participated the one-day Workshop on "Workshop on 3D Printing and Scanning Technology" organized by the Centre of Excellence in Manufacturing, National Institute of Technology, Tiruchirappalli on 07th January 2023.
2. Participated in a One Day National Workshop on "**Manufacturing and Testing of Composite Materials**", at K.S.Rangasamy College of Technology, Tiruchengode. 29th February 2016.
3. Participated in a One Day National Workshop on "**Computational Fluid Dynamics**", at K.S.Rangasamy College of Technology, Tiruchengode. 08th February 2016.
4. Attended one day National workshop on "**Outcome Based Education**" conducted by TUV NORD at KSRCE, Tiruchengode 17th September 2016.

19.STTP / FDP (4 TO 21 DAYS ONLY) (Specify Topic / Venue / Date)

1. Participated in 5 Day Faculty Development Program on **Product Design Engineering using Fusion 360** conducted by ICT Academy on 26 Jun 2023 to 01 Jul 2023 at KSR College of Engineering
2. Successfully completed the Faculty Development Program– **Inspection and Quality control in**

Manufacturing from Jan- Feb 2023.

3. Participated in five days FDP on **Product Design Engineering using Fusion 360** conducted by ICT Academy on 09th May 2022 to 13th May 2022.
4. Successfully completed the Faculty Development Program of NPTEL Course - **Computer Integrated Manufacturing** from the period of Jan- Apr 2022.
5. Participated in the Three Day faculty Development Programme on “**Electronic Product Design**” organized by KSRCT-AICTE IDEA LAB during March 3-5, 2022
6. Participated in online Faculty Development Program on **Idea Generation Methods** organized by ICT Academy from 20th september to 24th september 2021.
7. Participated in Anna university Chennai center for faculty development Sponsored six days Online faculty development training programme (FDTP) on “**Dynamics of Machines**” Organized by the Department of Mechanical Engineering, K.S.Rangasamy College of Technology, Tiruchengode, held on 10.05.2021 to 15.05.2021.
8. 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)
9. Participated in the Five days Faculty Development Program on “**Emerging Trends in Mechanical Engineering**” organized by St. Peter’s Engineering College, Hyderabad from 02.06.2020 to 06.06.2020.
10. Participated in “**Digital Manufacturing, Integrated Technology from Design to Manufacturing**” at K.S.Rangasamy College of Technology, Tiruchengode from 11th to 25th September 2019.
11. Attended in Two Weeks STTP on “**Fracture, Fatigue and Failure of Materials**” conducted by AICTE -QIP at IIT Kharagpur 16th to 22nd June 2019.
12. Participated in Two Weeks FDP on “**Nanotechnology for Energy and Agricultural Sectors**” conducted by **AICTE** at IFET College of Engineering, Villupuram from 13th to 26th June 2017.
13. Participated in Two Weeks ISTE STTP on “**Environmental Studies**” conducted by IIT BOMBAY at K.S.Rangasamy College of Technology, Tiruchengode from 02nd to 12th June 2015.

20. Online Certification- NPTEL

1. Successfully Completed the NPTEL course **Basics of Finite Element Analysis 1** from the period July to Sep 2016.
2. Received NPTEL Mentor Certificate **Basics of Finite Element Analysis 1** from the period July to Sep 2016.

3. Successfully Completed the NPTEL course- **Processing of Polymers and Polymer Composites** from the period July to Sep 2017.
4. Successfully completed the NPTEL Course - **Computer Integrated Manufacturing** with Elite Grade Jan- Apr 2022.
5. Successfully completed the NPTEL Course – **Inspection and Quality control in Manufacturing** with Elite Grade Jan- Feb 2023
6. Received Mentor Certificate for **Inspection and Quality control in Manufacturing** in NPTEL Swayam

22. Patent

1. Patent Applied on “IOT Based Smart Poly house Farm” the patent office Journal No. 02/2022, Dated 14/01/2022

23. SUBJECT HANDLED

- Finite Element Analysis
- Industrial Safety and Hazard Management
- CAD/CAM
- Power Plant Engineering and Energy Economics
- Non Destructive Material Evaluation
- Quality control and Reliability Engineering
- Computer Integrated Manufacturing
- Advanced Manufacturing Process
- Composite Materials
- Applied Hydraulics and Pneumatics

