

FACULTY BIO - DATA

Name of the Faculty Member : S.Saravanel
Present Designation : Assistant Professor
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I. Particulars of Educational Qualification:

- 1) Studied B.E. in Mechanical Engineering, Mookambigai College of Engineering, Pudukottai, Bharathidasan University, 2003.
- 2) Studied M.E in Thermal Engineering, Government College of Technology, Coimbatore, Anna University, 2005.

II. Academic Experience :

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
PRIST University	Asst. Prof	04.01.2006	30.04.2010	4	4	0
National Engineering College	Lecturer	26.05.2010	31.05.2011	1	0	5
M A M College of Engineering	Asst. Prof	15.06.2011	17.05.2013	1	11	0
K.Ramakrishnan College of Engineering	Asst. Prof	10.06.2013	Till Date	5	3	0
TOTAL				12	6	5

III. List of Publications :

I) INTERNATIONAL JOURNALS: 03

1. S. Saravanel, B.Joe Daniel, T. Mohan Raj, G.K. Purushothaman, C. Ragu Prasath.C, Analysis of various bricks by manual brick making machine, International journal of Advance Research and Innovative Ideas in Education, Volume-4, Issue-2 2018, 2395-2396.

2. S. Saravanel, A. Mohanakrishnan, K. Vijayakumar, M. Ravichandran, Performance Analysis of Single Basin Solar Distillation System With Various Wick Materials, International Journal of Mechanical Engineering and Technology, Volume 9, Issue 10, October 2018, pp. 446–453.

3. S. Saravanel, K. Vijayakumar, D. Srinivasan and M. Ravichandran, Direct Steam Generation Using Solar Parabolic Dish Collector – A Cost Effective Approach, International Journal of Mechanical Engineering and Technology, Volume 9, Issue 10, October 2018, pp. 102–110.

IV INTERNATIONAL CONFERENCE : 01

J. Rajaparthiban, S.Saravanel, M. Ravichandran, K.Vijayakumar, B.Stalin, Investigation of effect of machining parameters using TGRA approach, International conference on Advances in Materials and Manufacturing Applications, 1-2, 2018, AMRITA University, Bangaluru.

V PATENT:

Sl.No.	Title	Name of Applicants	Patent No.	Award Date	Agency/Country	Status
1	An Apparatus Of An Air Modulating Air Conditioner	Ganeshkumar & S.Saravanel	201741034420	Complete filing : 28/09/2017	IPO/Chennai	Under Publication

VI NATIONAL CONFERENCE: 03

1. Presented a paper entitled “Weld joint efficiency analysis pressure vessel tube P91 with horizontal position using FCAW” in the one day national level conference of “Challenges & Opportunities for Mechanical Engineers (COME-2017” at Kongunadu College of Engineering and Technology, Namakkal.
2. Presented a technical paper entitled “Performance Evaluation & Improvement in Regenerative Air Pre-heater and Soot Blower of 210MW unit in thermal power station-II” in the 5th National Conference on Emerging Trends in Mechanical Engineering held at SNS College of Technology, Coimbatore on 2014.

3. Presented a technical paper entitled “Investigation on cycle time reduction for economizer in super critical boiler” in the 4th National Conference on Advances in Mechanical Engineering held at Sri Balaji Chockalingam Engineering College, Arni on 2014.

VII NATIONAL SEMINAR: 01

Participated *one day* National Seminar on “Advances in Refrigeration and Air Conditioning” Organized by Karunya University in association with Council of Scientific and Industrial Research (CSIR on 2013.

VIII WORKSHOP ATTENDED: 04

1. Participated *one day* TEQUIP-II sponsored workshop on “AN INSIGHT IN TO SOLAR ENERGY AND BIO-ENERGY APPLICATIONS” Organized by the Department of Chemical Engineering, NITT on 2016.
2. Participated in the *Two Days* Workshop on “Composite Preform Formation Techniques and its Characterization” at PSGTECHS COE INDUTECH, Coimbatore on 2018.
3. Attended a *One day* National Workshop on “Challenges and opportunities in Solar and Thermal Energy Systems” held at Centre for Thermal and Fluid Sciences, Department of Mechanical Engineering, Bannari Amman Institute of Technology, Sathyamangalam, on 2018.
4. Participated in the *Three Days* Hands on Workshop on “Thermal-Fluid & Manufacturing Process Simulation Software” held at MEPCO SCHLENK Engineering College, Sivakasi, jointly organized with M/s.dhio Research & Engineering Private Limited, Bangalore on 2018.

IX FACULTY DEVELOPMENT PROGRAMME: 01

Participated in the Training programme on “INSTRUCTIONAL DESIGN AND DELIVERY SYSTEMS” Conducted by this Institute at PRIST University, Thanjavur on 2009.

X ONLINE CERTIFICATION PROGRAMME: 01

Successfully completed NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India - IIT-Roorkee course “Steam and Gas Power Systems” on 2018.

XI TRAINING PROGRAMME ATTENDED: 01

Attended Two days “ISO 2001:2015 Quality Management System and Audit Training Program” conducted by Creative Management Consultants at K.Ramakrishnan College of Engineering, Trichy on 2017.