

## Faculty Profile



1. Name : Dr.M.Prabu
2. Designation : Professor & Head
3. E-Mail ID : prabu1045@gmail.com
4. Mobile No 9865811566
5. Membership in Professional Bodies : -Nil-
6. Research Supervisor : -Nil-
7. Academic Qualification :

| Name of the Degree | Specialization            | Year of Passing | Name of the Institution                        | Name of the University | Class Obtained |
|--------------------|---------------------------|-----------------|--|------------------------|----------------|
| Ph.D               | Mechanical Engineering    | 2016            | Anna University                                | Anna University        | --             |
| M.E                | Manufacturing Engineering | 2006            | Annamalai University                           | Annamalai University   | First Class    |
| B.E                | Mechanical Engineering    | 2004            | Erode Sengunthar Engineering College Erode- 57 | Bharathiyar University | First Class    |

8. Academic Experience :

| Name of the College                           | Designation         | Date of Joining | Date of Reliving | Duration |       |
|---|---------------------|-----------------|------------------|----------|-------|
|   |                     |                 |                  | Years    | Month |
| Sengunthar Engineering College, Tiruchengode. | Assistant Professor | 22.05.2006      | 31.05.2014       | 8 - Yrs  | --    |
| K.S.R. College of Engineering, Tiruchengode.  | Assistant Professor | 02.06.2014      | Till date        | 2- Yrs   | 6     |

9. Workshop/Seminar/FDP/Conference attended:

| S.No. | Title of the Course                                 | Venue                           | Duration   |
|-------|---|---------------------------------|------------|
| 1     | Manufacturing Simulation And Optimisation           | Sengunthar Engineering College, | 27.09.2008 |
| 2     | Technology And Utilisation Of Bio Mass Gasification | SSM College of Engineering      | 31.10.2008 |

|   |  |  |                                |
|---|--|--|--------------------------------|
| 3 | Introduction To Finite Element Analysis  | Sengunthar Engineering College,                  | 25.09.2009                     |
| 4 | First National Conference on Recent Advance in mechanical Engineering (RAME 2009)  | M.P.N,<br>M.J Engineering College, Erode         | 2009                           |
| 5 | National Conference on Recent Trends in mechanical Engineering (NCRT MECH 2009)    | Paavai Engineering College, Namakkal,            | 2009                           |
| 6 | CNC Turning And Milling  | Sengunthar Engineering College                   | 22.01.2010<br>to<br>23.01.2010 |
| 7 | First World Conference on Fracture and Damage Mechanics of Metals (Fracture 2014)  | Mahatma Gandhi University, Kottayam, Kerala      | 2014                           |
| 8 | International confidence on Advances in materials and manufacturing (INTCOMM 2015) | Hindusthan College of Engineering and Technology | 2015                           |
| 9 | National Conference on Advances in mechanical Engineering (NME 2015)               | Anna University Tirunelveli                      | 2015                           |

#### 10. Journal Publications :

1. **Prabu, M**, Ramadoss, G, Narendersingh, P, Christy, TV & Vedhagiri Eswaran, V 2014, 'Electrical discharge machining of Al-TiB<sub>2</sub> with a low-frequency vibrating tool', Science and Engineering of Composite Materials, vol. 21, no. 3, pp. 445–452.
2. **Prabu, M**, Ramadoss, G, Senthilkumar, C, Boopathi, R & Magibalan, S 2014, Experimental Investigation on Electrical Discharge Machining of 6061 Al/TiB<sub>2</sub> Composites', International Journal of Applied Engineering Research, vol. 9, no. 24, pp. 28547-28553.
3. **Prabu, M**, Ramadoss, G, Senthilkumar, C, Boopathi, R & Magibalan, S 2015, 'Experimental Investigation On Effect of Graphite Powder Suspended Dielectric In Electric Discharge Machining of Al-TiB<sub>2</sub> Composites', Journal of Chemical and Pharmaceutical Sciences, vol. 7. pp. 52-54.

4. **Prabu, M**, Ramadoss, G, Senthilkumar, C, Senthilkumar, P & Boopathi, R 2015, ‘Optimization of Electro Discharge Machining Parameters Using Ant Colony Algorithm’, International Journal of Applied Engineering Research, vol. 10, no. 8, pp. 5955-5958.
5. Magibalan, S, **Prabu, M P**.Vignesh, P, & Senthil kumar, P 2015, ‘ Experimental Study On The Cutting Surface Roughness In CNC Turning Operations By Using Taguchi Technique’, Journal of Chemical and Pharmaceutical Sciences, vol. 7. pp. 52-54.
6. Murali.N **Prabu, M**, S.Magibalan, Christy, TV & Balan A.V ‘ Safety Behaviour For Developing Injury Free Culture In Organization’ International Journal of Mechanical Engineering and Research, vol. 5. pp. 55-58. (Annexure II)
7. Vedhagiri Eswaran, V, Ramadoss, G, Subramanian, N & **Prabu, M** 2014, ‘Heat transfer enhancement by using Graphite water nanofluid in corrugated tube equipped with different concentrations’ ,International Journal of Applied Engineering Research, ISSN 0973-4562, vol. 9, no.23, pp. 19287-19301.
8. Vedhagiri Eswaran, V, Ramadoss, G, Subramanian, N & **Prabu, M** 2015, ‘Comparison of Heat Transfer enhancement of Aluminum Oxide Nano-Fluids with Graphite Nano – Fluids with and without twisted tapes’, International Journal of Applied Engineering Research ISSN 0973-4562, vol.10, no.14, pp. 34682-34686.
9. Boopathi, R, Sundaram, S, , Senthilkumar, C, & **Prabu, M** 2015, ‘ Multi objective Optimization of Nano Powder Mixed Electrical Discharge Machining of Inconel 718’, International Journal of Applied Engineering Research, vol. 10, no. 8, pp. 5976-5979.
10. Shankar, P, Boopathi, R, & **Prabu, M** 2015, ‘Investigating the Effect of Brass Electrode on Inconel 718 on Electrical Discharge Machine’, International Journal of Innovative Science, Engineering & Technology, vol. 2, no. 4, pp. 1164-1167.

**11. Workshop/Seminar/FDP/Conference Organized:**

| S.No. | Name of the Seminar / Conference organised  | Number of Participants | Source of Fund |
|-------|---|------------------------|----------------|
| 1     | National Conference                         | 122                    | College        |
| 2     | National Level Students Technical Symposium | 165                    | College        |

**12. Patent:**

| S.No. | Application Number | Title                                  | Status                                    |
|-------|--------------------|--|---|
| 1     | 4218/CHE/2015      | Direct cloth handling clip             | Complete Registration                     |
| 2     | 201741002243       | Wear Behaviour of Aluminium Alloy 8011 | Complete Registration with patent journal |