

Faculty Vitae

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|---|--|-----------------|--|-----------|-------|
| Name of the Faculty | | | | | |
| R. J. Golden Renjith Nimal | | | | | |
| Education | | | | | |
| | Degree | Discipline | Institution | Year | |
| UG | B. E. | Mechanical | CSI Institute of Technology, Thovalai | 2007 | |
| PG | M. E. | Manufacturing | National Engineering College, Kovilpatti | 2010 | |
| PhD | Pursuing | Manufacturing | Anna University | - | |
| Academic experience | | | | | |
| | Institution | Title | From | To | FT/PT |
| | Bharath Institute of Higher Education and Research | Asst. Professor | July 2013 | Till Date | FT |
| | Lord Jegannath College of Engg. and Technology, Ramanathichanputhoor | Asst. Professor | June 2010 | May 2013 | FT |
| | Sun Institute of Technology, Erachakulam | Lecturer | June 2007 | Aug 2008 | FT |
| Certifications or professional registrations | | | | | |
| Membership in professional organizations | | | | | |
| Applied in IWS (Indian Welding Society) | | | | | |
| Honors and awards | | | | | |
| 100% Results in Anna University Exams. | | | | | |
| Service activities (within and outside of the institution) | | | | | |
| ISTE Coordinator in Lord Jegannath College of Engg. and Tech. | | | | | |
| List of Publications | | | | | |
| <p>R.J. Golden Renjith Nimal, M. Siva Kumar and G. Essaki Muthu, STUDIES ON DIFFUSION BONDING OF AA7075 ALUMINIUM ALLOY AND AZ80 MAGNESIUM ALLOY, International Journal of Advanced Engineering Technology (IJAET) / Vol. VII/Issue II/April-June, 2016/1061-1062.</p> <p>R.J. Golden Renjith Nimal, M. Siva Kumar, S. Arungalai Vendan, G. Essaki Muthu and Chinnadurai Thangam, STUDIES ON MECHANICAL AND METALLOGRAPHICAL ASPECTS OF DIFFUSION BONDING OF AA7075ALUMINIUM ALLOY AND AZ80 MAGNESIUM ALLOY, Annals of "Dunarea de Jos" University of Galati, Fascicle XII, Welding Equipment and Technology (AWET) 4 (11): 1221-4639, Nov 2015.</p> <p>R.J. Golden Renjith Nimal and Anselm W. A. Lenin, DEFECT ANALYSIS ON AL 7020 FSW JOINTS WITH MG INTERLAYERING, Indian Journal of Science and Technology, vol 8 (31): IPL0704, Nov 2015.</p> | | | | | |

R.J. Golden Renjith Nimal and R. Karthikeyan, FABRICATION AND NUMERICAL ANALYSIS GLASS FIBER LAMINATE, International Journal of Application or innovation in Engineering and Management 4 (11): 2319-4847, Nov 2015.

J. Dhamodharan and R.J Golden Renjith Nimal, SCS & GIS ENABLED PROJECT MANAGEMENT SYSTEM FOR DEVELOPMENT AND IMPLEMENTATION PHASE OF GAS DISTRIBUTION PROJECT, International Journal of Mechanical Engineering & Technology (IJMET), 6(8) (Aug 2015) 156-169.

R. Hariharan and R.J. Golden Renjith Nimal, FRICTION STIR WELDING OF DISSIMILAR ALUMINIUM ALLOYS (6061&7075) BY USING COMPUTERIZED NUMERICAL CONTROL MACHINE, Middle-East Journal of Scientific Research 20 (5): 601-605, 2014.

S. Gopinath and R.J Golden Renjith Nimal, DESIGN AND FABRICATION OF MAGNETIC SHOCK ABSORBER, International Journal of Engineering and Technology, 3(2) (2014) 208-211.

R. Hariharan and R.J. Golden Renjith Nimal, SOLVING FLOW SHOP SCHEDULING PROBLEMS USING A HYBRID GENETIC SCATTER SEARCH ALGORITHM, Middle-East Journal of Scientific Research 20 (3): 328-333, 2014.

R. Hariharan and R.J. Golden Renjith Nimal, DIE DESIGN FOR HOMOGENEOUS PLASTIC DEFORMATION DURING ECAP AND INVESTIGATION OF MECHANICAL PROPERTIES OF PURE ALUMINUM AND COPPER RODS, Middle-East Journal of Scientific Research 14 (12): 1716-1721, 2013

R. Hariharan and R.J. Golden Renjith Nimal, EVALUATION OF FILLING CONDITIONS IN INJECTION MOULDING BY INTEGRATING NUMERICAL SIMULATIONS, Middle-East Journal of Scientific Research 12 (12): 1608-1604, 2012.

R. Hariharan and R.J. Golden Renjith Nimal, EXPERIMENTAL INVESTIGATION ON MATERIAL CHARACTERISTICS OF AL 6061-TIB₂ MMC PROCESSED BY STIR CASTING ROUTES, Middle-East Journal of Scientific Research 12 (12): 1615-1619, 2012.

Recent professional development activities

Presented paper titled MICROSTRUCTURAL, MECHANICAL AND METALLURGICAL ANALYSIS OF AL INTERLAYER COATING ON MG-AL ALLOY USING DIFFUSION BONDING in the International Conference on Materials Processing and Characterization (ICMPC-2017) held at Gokaraju Rangaraju Institute of Engineering and Technology, Kukatpally, Hyderabad from 17 to 19 March 2017.

Presented paper titled EXPERIMENTAL INVESTIGATION ON MAGNESIUM AZ80 AND ALUMINIUM AA7075 ALLOYS USING DIFFUSION BONDING in the International Conference on Advanced Materials and Manufacturing (ICAMM-2015) held at Cape Institute of Technology, Levingipuram from 27 & 28 March 2015.

Presented paper titled DIFFUSION BONDING OF MAGNESIUM AZ80 AND ALUMINIUM AA7075 ALLOYS in the International Symposium Materials and Welding Technology (ICMWT-2014) held at Putra World Trade Center, Kulalumpur, Malaysia from 12th May to 14th May 2014.

Presented paper titled DIFFUSION BONDING OF DISSIMILAR MATERIALS in the International conference on “Modeling, Optimization and Computing” (ICMOC-2012) held at Noorul Islam University, Kumaracoil from 10th April to 11th April 2012.

NATIONAL CONFERENCE - 4

Presented paper titled DIFFUSION BONDING OF DISSIMILAR MATERIALS in the National conference on “Recent Advances in Materials and Manufacturing” (RAMM-2K16) held at Dhirajlal Gandhi College of Technology, Salem on 5th April 2016. The paper was selected as the best paper.

National conference in Sethu Institute of Technology entitled DIFFUSION BONDING OF DISSIMILAR MATERIALS on 22nd and 23rd April 2010.

Presented paper titled DIFFUSION BONDING OF DISSIMILAR MATERIALS in the national conference on “Emerging Trends in Mechanical Engineering” (ETME-2012) held at Ponjesly College of Engineering, Nagercoil on 24th February 2012.

Presented paper titled DIFFUSION BONDING OF DISSIMILAR MATERIALS in the national conference on “Advanced Materials and Processing Technologies” (AMPT-2012) held at Prist University, Thanjavur from 17th to 18th February 2012. The paper was selected as the best paper.