

Mr. RAJESH.V B.E., M-Tech.,

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Educational Qualification:

COURSE	DEPARTMENT/ BRANCH	INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING	Percentage %	CLASS
PG (M.Tech)	COMPUTER AIDED DESIGN	SRM University, kattankulathur	SRM university	May 2014	6.38 (CGPA)	FIRST
UG (B.E)	MECHANICAL ENGINEERING	Apollo Engineering college	Anna University, Chennai	April 2012	6.9 (CGPA)	FIRST
HSC	COMPUTER SCIENCE	Vidyaa Vikas matriculation higher secondary school	State board	March 2006	78.08%	FIRST
SSLC	-----	Erode Hindu Kalvi Nilayam matriculation higher secondary school	Matriculation	March 2006	75%	FIRST

Experience:

FROM	TO	DESIGNATION	ORGANIZATION	EXPERIENCE
20-06-2014	10.05.2018	Assistant Professor / Mechanical Engg.	Vidyaa Vikas College of Engineering and Technology, Tiruchengode.	3 Year and 10 Months
18.06.2018	31.12.2020	Assistant Professor / Automobile Engg.	SNS College of Technology - Coimbatore	2 Years and 6 Months
09.06.2022	Till date	Assistant Professor / Mechanical Engg.	Sri Sairam College of Engg, Bangalore	Working

Publications:

- Publication of the paper entitled “**ANALYSIS OF MICRO STRUCTURAL GRAIN SIZE AND TEMPERATURE DISTRIBUTION IN ALUMINUM ALLOY 6061 USING FRICTION STIR WELDING**” published in IJRSET journal, volume 4, Special issue 2, Feb - 2015.
- Publication of the paper entitled “**PREDICTION OF PROCESS PARAMETERS IN MACHINING OF ALUMINUM ALLOY 5083 USING CENTRAL COMPOSITE DESIGN AND GENETIC ALGORITHM**” published in IJIRD journal, volume 4, issue 3, March 2015.
- Publication of the paper entitled “**PERFORMANCE AND EMISSION OF AN UNMODIFIED FOUR STROKE DIESEL ENGINE OPERATING WITH EXTRACTED MAHUA LONGIFOLIA BIODIESEL AND ITS BLENDS**” published in IJRCT journal, Volume 1, Issue 4, 2015.
- Publication of the paper entitled “**EXPERIMENTAL INVESTIGATION ON EXHAUST EMISSION OF A VARIABLE COMPRESSION RATIO DIESEL ENGINE USING METHYL ESTERS OF PONGAMIA PINNATA OIL BLENDS AND DIESEL**” published in IJARIE journal, volume 1, special issue 5, 2015.
- Publication of the paper entitled “**PERFORMANCE STUDIES ON 25 X 25 CM² REACTIVE AREA SERPENTINE FLOW FIELD PROTON EXCHANGE MEMBRANE FUEL CELL WITH DIFFERENT CELL POTENTIALS**” published in IJARIE journal, volume 1, special issue 5, 2015.
- Publication of the paper entitled “**SOLAR BASED MOBILE CRANE WITH 360’ DEGREE**” published in IJARIE journal, volume 2, issue 3, 2016.
- Publication of the paper entitled “**DESIGN AND FABRICATION OF HYBRID PETROL TANK**” published in IRJET journal, volume 6, issue 3, 2019.
- Publication of the paper entitled “**DESIGN AND FABRICATION OF EXCAVATOR ASSIST WITH WHEEL**” published in IRJET journal, volume 7, issue 4, 2020.
- Publication of the paper entitled “**ONBOARD CHARGING SYSTEM FOR ELECTRIC VEHICLE**” published in IRJET journal, volume 7, issue 4, 2020.

Conference:

- Attended International Conference titled “**Advances and Challenges in Energy Research**” and presented paper in title “**Optimization of Rubber Seed Oil Bio – Diesel Extraction through Soxhlet Extraction**” conducted by Sri Ramdeobaba College of Engineering and Management, Nagpur on 17-MAR-2019.
- Attended national Conference titled “**Advances in Mechanical and Material Engineering**” and presented paper in title “**Design and Fabrication of Hybrid Petrol Tank**” conducted by Sri Ramakrishna Engineering College, Coimbatore on 15-MAR-2019.
- Attended two days International Conference titled “**Advances & Challenges in Interdisciplinary Engineering and Management**” and published paper in “**Optimizing the Tools and Examine the Defects of AL6061 using Friction Stir Welding**” conducted by Vidya Vikas College of Engineering and Technology, Tiruchengode on 11-FEB-2017 & 12-FEB-2017.
- Attended two days International Conference in the title of “**EMERGING TRENDS IN SCIENCE, ENGINEERING & TECHNOLOGY**” and published paper in “**Flow Simulation of Diesel Engine for Prolate Combustion Chamber**” conducted by Nandha College of Technology, Erode on 4-MAR-2016 and 5-MAR-2016.
- Attended two days International Conference in the title of “**INTERNATIONAL CONFERENCE IN MAGNA ON EMERGING ENGINEERING TRENDS**” and presented paper “**Analysis of Micro Structural Grain Size and Temperature Distribution in Aluminum Alloy 6061 Using Friction Stir Welding**” conducted by the Magna College Of Engineering, Chennai on 27-FEB-2015 and 28-FEB-2015.
- Attended International Conference titled “**Modern Computing Trends and Technology**” and presented paper in title “**Chassis Dynamometer for Shock Absorber Endurance Test**” conducted by Kristu Jyothi College of Management and Technology, Kerala on 30&31-JULY-2022.
- Attended International Conference titled “**Advances in Engineering and Technology**” and presented paper in title “**Design and fabrication of Electric Bicycle with Solar**” conducted by Conference Hub, Coimbatore on 27 & 28-MAY-2023.

Patent Filed:

S.NO.	TITLE OF THE PATENT	TYPE OF PATENT	STATUS	Application Number
1	Engine Oil Conditioning Monitoring System	Full Patent	Published	202041045798
2	Engine Lubrication Oil Conditioning Monitoring System Using Infrared Sensor	Full Patent	Published	202141004838
3	Design and Fabrication of Excavator Assist with Wheel	Full Patent	Published	202141004835

Workshops / Seminars / FDP attended:

- Participated in CSIR Sponsored Two days National Level Seminar in the title of “**Fuel Cell Technology and its Application**” organized by Hindustan College of Engineering and Technology, Coimbatore on 20-DEC-2018 & 21-DEC-2018.
- Participated in CSIR Sponsored Two days National Level Seminar in the title of “**Recent Advances in Cryogenics and its Industrial Applications**” organized by Muthayammal Engineering College, Rasipuram on 6-OCT-2017 & 7-OCT-2017.
- Participated in Two days Faculty Development Program in the title of “**Decision Making Skills**” Conducted by Vidya Vikas College of Engineering and Technology, Tiruchengode on 20-JAN-2017 & 21-JAN-2017.
- Participated in The Institute of Indian Foundry men Sponsored One day work shop in the title of “**Research in Composite Materials and Welding Technology**” organized by Sri Krishna College of Engineering and Technology, Coimbatore on 11-AUG-2016.
- Participated in Two Week ISTE workshop in the title of “**ENGINEERING PHYSICS**” conducted by the Indian Institute of Technology – Bombay on 08-DEC-2015 to 18-DEC-2015.
- Participated in One day National Level Seminar in the title of “**INDIGENOUSLY DEVELOPED HIGH THRUST CRYOGENIC ROCKET ENGINE**” organized by the Shree Venkateshwara Hi-Tech Engineering College on 17-OCT-2015.
- Attended two days training program in the title of “**DESIGN OF EXPERIMENTS FOR RESEARCHERS**” conducted by the Kongu Engineering College, Perundurai, Erode on 13-FEB-2015 and 14-FEB-2015.
- Participated in One day work shop in the title of “**NON DESTRUCTIVE TESTING**” organized by the Narasu’s Sarathy Institute & Technology, Salem on 10-JAN-2015.
- Participated in Two Week ISTE workshop in the title of “**CONTROL SYSTEM**” conducted by the Indian Institute of Technology – Kharagpur on 02-DEC-2014 to 12-DEC-2014.
- Participated in One day National Level Seminar in the title of “**BIO FUELS FOR AUTOMOTIVE USE: BENEFITS & APPLICATIONS**” organized by the Shree Venkateshwara Hi-Tech Engineering College on 20-SEP-2014.
- Participated in three day NAAC sponsored National Level Seminar in the title of “**EFFECTIVE IMPLEMENTATION OF NEP MULTIDISCIPLINARY EDUCATION AND STRATEGIES**” organized by the Sri Sairam College of Engineering from 10 – NOV – 2022 to 12 – NOV - 2022.

Awards or Recognition:

1. Life Member of ISME (Indian Society for Mechanical Engineering).
2. Associate Member of IEI (Institution of Engineers, India)
3. Certified as Qualified Internal Auditor for ISO 9001: 2000 & ISO 9001: 2008.