PROFILE INFORMATION

Name A.Vennimalai Rajan, M.E.,M.I.S.T.E

Designation Assistant Professor

Department Mechanical Engineering

Contact no: 9566585541, 8778284005

Mail id: avmrajan5@gmail.com

Qualification	M.E., M.I.S.T.E
Area of Specialization	Manufacturing Engineering
Teaching Experience	2 Years 1 Month
Industrial Experience	Nil
Research Guidance	Nil
Publications	International Journal: 05 National Journal: Nil International Conference: 01 National conference: 04 Books: Nil
Project Guidance	UG: 04 PG: Nil Ph.D: Nil
FDP /WORKSHOP/CONFERENCE	Organised: 0 Attended: 2 / 7 / 5
Out Reach	Guest Lecture Given: Nil As Judge: Nil Other Roles: Nil
Membership In Professional Bodies	ISTE (Indian Society for Technical Education)
Certification	Nil
Accomplished NPTEL Courses	2
Awards & Accolades	Awards : 4 Accolades: 1

PROFILE INFORMATION

EXPERIENCES

Sl. No.	Previous &Current experience					
	Teaching			Industry		
	Institution	Position	Years	Organization	Position	Years
1	Nadar Saraswathi College of Engineering & Technology, Theni	Assistant Professor	2 Years 1 Month	Nil		

SUBJECT EXPERTISE

- ✓ Strength of Materials
- ✓ Professional Ethics in Engineering
- ✓ Engineering Materials and Metallurgy
- ✓ Manufacturing Technology-I
- ✓ Mechatronics

PUBLICATIONS

International Journals:

- ✓ Published Annexure-I Journal titled "Effect of Process Parameters on Weld Deposits in Pulsed Gas Metal Arc Welding " in Caribbean Journal of Science, ISSN: 0008-6452
- ✓ Published International Journal titled "Optimization of Hybrid Aluminium Metal Matrix Composite through Taguchi Method" in International Research Journal of Engineering and Technology, ISSN: 2395-0056.
- ✓ Published International Journal titled "Design and Fabrication of Die for Composite Materials" in International Journal of Research in Mechanical, Mechatronics and Automobile Engineering, ISSN: 2454-1443.

International Conferences:

- ✓ Presented a paper titled "Investigation of Strength Properties of Deformed Steel Bar for Concrete Structure" in International Conference on New Scientific Creations in Engineering and Technology (ICNSCET'19) at Nadar Saraswathi College of Engineering and Technology, Theni.

National Conferences:

- ✓ Presented a paper titled "Design and Manipulation of U-Truck Bridge Mounting in National conference on Advances in Mechanical Engineering Applications (NCAMEA'18) at Theni Kammavar Sangam College of Technology, Theni.

PROFILE INFORMATION

- ✓ Presented a paper titled "Comparative Analysis of Radiation for Heat Flux and Temperature using of Aluminium and Copper of Fins" in National Conference on Research Exploitations in Mechanical Engineering - REME-18 at Bharath Niketan Engineering College, Theni.
- ✓ Presented a paper titled "Optimization of Aluminium Based Metal Matrix Composite Coupled with Taguchi Method" in National Conference on Materials and Metallurgical Applications at Nadar Saraswathi College Engineering and Technology, Theni.
- ✓ Presented a paper titled "Design and Fabrication of Die for Composite Materials" in National Conference on Advances in Mechanical Engineering Applications at Theni Kammavar Sangam College of Technology, Theni.

PROJECT GUIDANCE

UG:

Sl. No.	Name of the Project	Year
1	Investigation of Strength Properties of Deformed Steel Bar for concrete Structures	April 2019
2	Design and Fabrication of Computerized Numerical Control Based Pneumatic Punching Machine	April 2019
3	Design of U-Truck Bridge Mounting Manipulator	April 2018
4	Design and Fabrication of Portable Hover Board by Using Pulse Width Modulation (PWM) Controller	April 2018

FDP/WORKSHOP/CONFERENCE/SEMINAR ATTENDED:

1. Attended three days TEQIP-II sponsored short term course on "Recent Trends in Electric Vehicles" organized by Thiagarajar College of Engineering, Madurai.
2. Attended one day Faculty Development Training Program on "Innovative Approaches in Teaching and Research Strategies" at Nadar Saraswathi College of Engineering and Technology, Theni.
3. Attended one day Training program on "Lean Manufacturing" organized by TVS Centre for Quality Management, Anna University, Chennai.
4. Attended one week Workshop on "Engineering Metallurgy" at Mepco Schlenk Engineering College, Sivakasi.
5. Attended two days Faculty Development Program on "Crafting Mentors towards Excellence" at Nadar Saraswathi College of Engineering and Technology, Theni.
6. Attended one day Workshop on "Advances in Composite Materials & Manufacturing" at Nadar Saraswathi College of Engineering and Technology, Theni.
7. Attended one day Workshop on "Intellectual Properties Rights & Innovations" at Nadar Saraswathi College of Engineering and Technology, Theni.
8. Attended one day Workshop on "Recent Trends in Traditional & N0ntraditional Techniques in Optimization" at Nadar Saraswathi College of Engineering and Technology, Theni.
9. Attended one day Seminar on "Nuclear Engineering" at Theni Kammavar Sangam College of Technology, Theni.

PROFILE INFORMATION

AWARDS & ACCOLADES:

Awards:

Sl. No.	Name of the Subject	UG/PG	Pass Percentage	Month & Year
1	Micro Manufacturing	PG	100%	NOV/DEC 2017
2	Strength of Materials	UG	93.10%	NOV/DEC 2017
3	Professional Ethics in Engineering	UG	100%	NOV/DEC 2017
4	Computer Integrated Manufacturing Systems	PG	100%	NOV/DEC 2019

Accolades:

- Awarded as a "Creative Educator" in appreciation of the effort and support for innovative project in Project Expo and Science Day 2019 organized by Nadar Saraswathi College of Engineering and Technology, Theni.

ACCOMPLISHED NPTEL COURSES:

- Successfully completed and certified as Elite in "Ethics in Engineering Practices" of NPTEL online course conducted by Indian Institute of Technology (IIT), Kharagpur.
- Successfully completed and certified as Elite in "Inspection and Quality Control in Manufacturing" of NPTEL online course conducted by Indian Institute of Technology (IIT), Roorkee.