



Name: Sri R.Pavan Kumar

Employee ID: A5MEC00T67

Designation: Asst. Professor

Department:MECHANICAL
ENGINEERING

Date of Birth: 10-06-1982

Father Name: R.Ramamohan rao

MotherName: R.Naga lakshmi

Reservation Category if Any: OC (Brahmin)

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Date of Joining in the Institution:01-11-2021

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph. D	NIT, ROURKELA	PURSIUNG	
M. Tech (CAD/CAM)	GIET, GUNUPUR	FIRST Class with Distinction	2012
B. Tech (MECH)	JITM,Parlakhem undi	FIRST Class	2005
DIPLAMO	Jovt.Polytech, proddatur	FIRST Class	2001

Total Years of Experience (Teaching/Industry): 11.3 Years

Period		Organization/Institution/Industry	Designation
Nov 21	Till Date	AITAM, TEKKALI	Asst. Prof.
June 16	Oct 21	SSCE, CHILAKAPALEM	Asst. Prof.& HOD
OCT 12	June 16	SSIT, CHILAKAPALEM	Asst. Prof.
JAN 05	DEC 07	NAVAL DOCK YARD	ERECTION ENGINEER

Areas of Interest:

1. CAD/CAM
2. MANUFACTURING TECHNOLOGY
3. MACHINE TOOLS
4. MATERIALS

Academic Projects Guided:

- i) Bachelor Projects : 20

Memberships of Professional Societies:

1. Life time member in ISTE,
2. IFERP -Membership ID-PROF-10629932
3. IAE ENG,
4. IRED

Other Responsibilities:

1. Project coordinator
2. Value added Course coordinator
3. Vocational Education Training Course In charge
4. Adjunct Faculty coordinator
5. Guest Lectures & Invited lectures coordinator
6. Interaction with Outside World

Details of Publications:

International Journals:

1. **R Pavan Kumar** “ FINITE ELEMENT ANALYSIS OF PIEZO ELECTRIC TRANSDUCERS” IJRSE ,Feb 2016.
2. V.raviteja ,T.Kashiviswanath, V.Ashok Kumar,N.Venugopal,**R,Pavan Kumar** “ DESIGN AND FABRICATION OF A JET ENGINE (SIVANI 150)” IJMER Dec

2015.

3. G.Manojkumar, **RPavan Kumar** “ PLASTRO FUELS FROM WASTE PLASTICS BYTHERMAL CRACKING CATALYSTS” IJRSE APR 2016.
4. S.Laxmanaraju, LingaraguDuppala **R pavanKumar** “MULTI-OBJECTIVE OPTIMISATION FOR ENHANCED SURFACE ROUGHNESS AND MICROHARDNESS OF AA 6063/TIO₂ CAST ALUMINIUM METAL MATRIX NANOCOMPOSITES FABRICATED BY FRICTION STIR PROCESSING”
5. **Pavan kumar rejeti** “ ANALYSIS ON DIFFERENT NANO PARTICLES REINFORCED COMPOSITES ON FRICTION STIR PROCESSING IN ALUMINIUM ALLOYS-A REVIEW” NASCENT OCT 2017.
6. **Pavan Kumar Rejeti**, Sandhya rani Biswas “ INFLUENCE OF PROCESS PARAMETERS IN MICROSTRUCTURAL AND MECHANICAL PROPERTIES OF FRICTION STIR PROCESSED AA6063/Zn COMPOSITE” SPRINGER LEC NOTES FEB 2021.
7. **Pavan Kumar Rejeti** ,Subrat Kumar barik,Balakrishna S “ NOVEL APPLICATION OF ELECTROLYSIS ON VECHICLE: HYDROGEN FUEL CELL” SPRINGER LEC NOTES FEB 2021.
8. Sriharipalli,srajurallabandi,sreeramulu dowluru,azad duppala,venkatesh muddada, **pavan kumar rejeti**, raghuveer dontikurti. “ PROCESS MANAGEMENT IN GREEN MANUFACTURING” 2023-6-14, springer.
9. Roopsandeep bammidi, dowluru sreeramulu, Hymavathi Madivada, **Pavan Kumar rejeti**, muddada venkatesh “ TOWARDS AN UNDERSTANDING OF TI=6AL-4V MACHING AND MACHINABILITY” 2023-9-15,Materials Today Proceedings, Elsevier.

Details of Conferences / Workshops / Refresher Courses Attended:

International National level:

S. No.	Dates	Name of the Programme	Host Institution
1	23 RD -25 TH Nov 2022	Emerging Materials for Technological Applications	VIIT VIZAG
2	27 th Feb, 2016.	Conference on “Recent Innovations in Science Engineering And management ”	SVCET, ETCHERLA.

National level:

S. No.	Dates	Name of the Programme	Host Institution
1	2022	A Two Day Conference on “innovative product design and intelligent manufacturing systems”	NIT, ROURKELA
2	12 th & 13 th Feb, 2021.	A Two Day Conference on “innovative product design and intelligent manufacturing systems”	NIT, ROURKELA

3	14 TH FEB 2018	Work shop on “Essential Engineering Mechanics with simplified integrated methods of solutions”	SSCE, Chilakapalem
4	9 th & 10 th march 2017	Work shop on “ Nano- Materials”	JNTUV, Vizayanagaram
5	20 TH & 21 ST FEB 2017	Workshop on “ Non Destructive & Evalution of Advanced Materials”	SSCE, Chilakapalem
6	5,6 th & 7 th oct 2016	Workshop on Nano technology –Current and Future Scope”	SSCE, Chilakapalem
7	16 th & 17 th sep 2016	Workshop on “Fatigue Fracture and Creep of Materials”	JNTUV, Vizayanagaram
8	18 th & 19 th feb 2012	Conference on “ Moderen Trendes In Mechanical Engineering”	GIET, Gunupur.

Faculty Development Programs Attended :

S. No.	Dates	Name of the Programme	Host Institution
1	7 th -19 th Feb 2022	FDP on “ Tecent Advances in Materials and challenges in Manufacturing Techniqes”	JNTUK.
2	20th -24th sep 2021	FDP on “ Processing of Novel Materials”	IIT , VARANASI.
3	9 th – 13 th aug 2021	FDP on “ Sustainable agreeen Composites: Design ,Manufacturing and Characterisation”	NIT, Magalaya,
4	25 th – 29 th oct 2021	FDP on “ Design, Synthesis and Characterisation of Novel Materials”	IIIT, TIRUCHIRAP ALLI.
5	26 TH -30 TH May 2020	FDP On “ Emerging Technologies in Robotics”	MREC, Secundrabad.
6	8 th – 12 th june 2020	FDP On “ Multy Objective Optimisation for Mechanical Engineering Applications”	SSCE, Chilakapalem.
7	1 st -5 th june 2020	FDP On “ Advanced Manufacturing Enterprise in Digital Era”	AITAM, TEKKALI.
8	10 TH -14 SEP 2020	Fdp On “ Recent Advancements in Manufacturing and Materials Processing”	VSSUT, BURLA
9	19 TH -23 RD NOV 2019	FDP On “Reverse Engineering In Product Manufacturing”	CUTM, Parlakhemundi.
10	30 th oct- 10 th nov 2017	FDP On “ Contemporary Advancements in materials & Manufacturing Engineering”	JNTUK

STTP Programs Attended :

S. No.	Dates	Name of the Programme	Host Institution
1	24 TH -28 TH JULY 2023	FDP on Funding Opportunities in Engineering	NITTTR CHANDIGARH.
2	30 th -3 rd oct 2023	FDP on Industrial Optimization with MATLAB.	NITTTR CHANDIGARH.

			RH.
3	5 th -9 th Dec 2022	FDP on Optimization for Engineering Problems with MATLAB	NITTTR CHANDIGA RH.
4	27 th -31 st March 2022	FDP on Development of Automation Competencies.	NITTTR CHANDIGA RH.
5	24th -28th sep 2018	STTP on “ Outcome based Education And Accreditation”	NITTR, KOLKATA
6	12 th – 16 th NOV 2018.	STTP on “ Organizational Behavior”	NITTR, KOLKATA

Certifications:

1. NPTEL online Certification in “ Product Design and Development” Elite +silver.
2. Certified with CAD Academy training Service for the course PRO/E IN August 2006.

Other Achievements:

1. Acted as a jury member in INSPIRE district level exhibition and project competitions 2021-22 organized by department of science & technology –Newdelhi and APSCERT department of school education, srikakulam.
2. Ratified as an Asst. Professor in February 2016 of JNTUK selections.
3. Ratified as an Asst. Professor in 2021 of JNTUGV selections.
4. Question Paper Setter for different universities and autonomous colleges.
5. Guest faculty for BR AMBEDHKAR UNIVERSITY.

