

FACULTY PROFILE

Name of the Faculty Member: Dr. G. V. Krishna Pradeep

Department: Mechanical Engineering

Designation: Associate Professor

Highest Qualification: Ph.D.

Date of Joining: 18-05-2022

E-Mail ID: krishnapradeepg@aec.edu.in (Primary)
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Academic Qualifications (From Highest Degree to Secondary Education):

Qualification	Degree	Area of specialization	University / Board	Month & Year of Award
Ph.D	-	Manufacturing Engineering	National Institute of Technology, Tiruchirappalli	July-2022
PG	M.Tech	Manufacturing Engineering	Amrita Vishwa Vidya Peetham, Coimbatore	July-2015
UG	B.Tech	Mechanical Engineering	Pondicherry University	May-2013
XII	-	-	Board of Intermediate Education, Andhra Pradesh	March-2009
X	-	-	Jawahar Navodaya Vidyalaya, Yanam	May-2007

Total Teaching Experience: 2.5 years

Membership in Professional Societies: 2 (ISTE, ASME)

No. of Faculty Development Programs (FDPs) attended: Nil

Workshops and Seminars attended: 9

Invited as Guest: Nil

No. of Journals: 4 (3-SCI, 1-SCOPUS)

No. of Conferences: 1

No. of Patents: Nil

No. of Books/Book Chapters: Nil

Research Areas of Interest: Tribology, Additive Manufacturing, Welding, Material Science, Surface Engineering, Lasers in Manufacturing.

Academic/Administrative Responsibilities within the Institution:

Position	Department	Name	From	To
Coordinator	Mechanical Engineering	Placement	July 2022	Till Date
		Alumni		
		Internship		
		L&T	September 2022	

Details of Academic Work:

a) Courses taught at Undergraduate Level:

- Production Technology
- Metal Cutting and Machine Tools
- Non-Conventional Energy Resources

b) Projects guided at Under Graduate Level:

S.No	Name of the Student (s)	Title of Thesis	Year
1.	Ms. S.S.H. Vyshnavi Mr. T. Sai Kiran Mr. S.Aravind Kumar	Microstructure and Mechanical Properties of Steel Weld Joint by Underwater Welding	April-2023

Publications:

a) Referred Research Journals:

S.No.	Author (s)	Title of the Paper	Journal	Vol No./Year/Page No./Impact Factor
1.	M. Varatharajulu, Muthukannan Duraivelvam, G.V. Krishna Pradeep, B. Jagadeesh	Tool temperature thermographic study on end milling magnesium AZ31 using carbide tool	Materials Chemistry and Physics	295/2023/4.094
2.	G. V. Krishna Pradeep, Muthukannan Duraivelvam, K. Siva Prasad	Tribological behavior of Laser surface melted γ -TiAl fabricated by electron beam additive manufacturing	Journal of Materials Engineering and Performance	31/1009–1020/2022/2.036
3.	G. V. Krishna Pradeep, Muthukannan Duraivelvam, K. Siva Prasad, Mohammad Ashfaq	Tribological Behavior of Additive Manufactured γ -TiAl by Electron Beam Melting	Transaction of Indian Institute of Metals	73(6)/1661–1667/2020/1.391

b) **Scopus:**

S.No.	Author (s)	Title of the Paper	Journal	Vol. No./Page No/Year
1.	Krishna Pradeep G.V, Dr. Saimurugan M, and Ravikumar S	Tool Wear Monitoring Using the Fusion of Vibration Signals and Digital Image	Journal of Chemical and Pharmaceutical Sciences	vol. 9, pp. 537-541, 2016.

c) **Conferences:**

S.No.	Author (s)	Title of the Paper	Name of the Conference	Venue and Year
1.	Krishna Pradeep G.V., Dr. M. Saimurugan, Mr. S. Ravi Kumar	Design and Development of Tool Wear Measurement System	International Conference on Advances in Design and Manufacturing (ICAD&M'14)	National Institute of Technology, Tiruchirappalli and 2014

Any Other:

Participated in Smart India Hackathon-2022 at Bhilai Institute of Technology, Bhilai from 25.08.2022 to 29.08.2022.



(Dr. G. V. Krishna Pradeep)