

BIO-DATA

1. Name : Dr. Krishnaiah Jallu
2. Gender : Male
3. Date of Birth : 01/06/1972
4. Designation & Affiliation : Associate Professor,
Dept. of Mechanical Engineering, IIITDM, Kurnool,
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8. Qualification (starting from University Level)

S. No.	Degree	University/Institution	Year
1	B.Tech. (Mechanical Engineering)	JNTU College of Engineering, Anantapur	1996
2	M.Tech. (Manufacturing Systems Engineering)	IIT Kharagpur	1998
3	Ph.D.	IIT Kharagpur	2005

9. Employment experience (in chronological order).

S. No.	Positions held	Name of the Institute	From	To
1	Associate Professor	IIITDM, Kurnool	Feb 13, 2020	Till date
2	Sr. Manager (EMV)	Corp R&D, BHEL, Hyderabad	June 25, 2018	Feb 12, 2020
3	Manager (EMV)	Corp R&D, BHEL, Hyderabad	Jan 26, 2018	June 24, 2018
4	Manager (On Deputation from BHEL, Trichy)	Corp R&D, BHEL, Hyderabad	May 5, 2015	Jan 25, 2018
5	Manager (R&D)	BHEL, Trichy	June 25, 2014	May 4, 2015
6	Dy. Manager (R&D)	BHEL, Trichy	Dec 23, 2010	June 24, 2014
7	Project Manager	BioGenex Life Sciences	Aug 13, 2009	Dec 20, 2010
8	Principal Consultant	Genpact	Sept 15, 2006	Aug 12, 2009
9	Head (AI Group)	COMODO Security Solutions	Sept 1, 2005	Sept 14, 2006
10	Research Engineer	Chattary Summations	Feb 20, 2005	Aug 29, 2005
11	Principal Investigator	Fast Track Project SERC-DST	June 6, 2002	June 5, 2004
12	Project Assistant/ Junior Project Officer	IIT Kharagpur	Jan 15, 1998	March 31, 1999

10. As part of Industry many Consultancy Projects were carried-out with the organizations worth Rs. 3.5Cr (for 15 years Feb 2005 to Feb 2020) in the area of Artificial Intelligence and Neural Networks for solving Mechanical Systems and Manufacturing Processes related problems.

11. Sponsored Research Projects as Principal Investigator / Co-PI:

S. No.	Title of the Project	Sponsoring Agency	Duration	Amount (INR)	Achievements
1	Development of Hybrid Computational Intelligent Systems for Modelling, Controlling and Optimization of Complex Systems	SERC-DST, Govt of India	June 2002- June 2004	7.2 lakhs	From work Two international journal papers published
2	Development of metallic micro-lattice structures with superior strain energy absorption characteristics for underbody protection in armoured fighting vehicles (AFVs) (Co-PI: Dr. J. Krishnaiah)	Armaments Research Board - DRDO	3 Years From the Sanctioned Date	36.60 Lakhs	Approval Timeline: October 26th 2021
3.	Integrated Clean Energy Material Acceleration Platform (IC-MAP) (Submitted as consortia of 16 institutes across India including IITs and NITs)	DST, Govt. of India	3 years	19.5 lakhs (Overall 12 Crs across 16 PIs)	Project started Aug 2022
4	Capacity building for Human Resource Development in Unmanned Aircraft System (Drone and related technologies) (Co-Chief Investigator / Project Management Unit: Dr. J. Krishnaiah)	MeitY, Govt. of India	5 years	89.98 Cr	Project started Sept 2022
5	Development of Intelligent Crop Management System for Recognizing and Supplementing the Crop Healthiness: iCroMaS	STARS-2 Scheme, Ministry of Education, India	3 years	49.92 Lakhs	Project Sanctioned; to start Nov 1, 2023

12. Publications:

- a. Journal Papers: **8**
- b. International Conference Papers: **23**
- c. Books/Reports/Chapters/General articles etc.: **3**

13. Patents /Copyrights:

- a. **13** patents are filed out which **8** patents are **granted**
- b. **3** Design were registered
- c. **4** Copyrights registered

14. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S.No	Name of Award	Awarding Agency	Year
1	Utkrisht Takniki Prakashan (2nd Prize) – For Technical article on <i>Artificial Neural Networks model for predicting wall temperature of supercritical boilers</i>	BHEL Excel Awards (2015-16)	2016
2	Young Scientist Fellowship: a research Project funding under the scheme of “FastTrack proposals for Young Scientists-2001”	SERC-DST, Govt. of India. (June 2002 – June 2004),	2002
3	Teaching Assistantship	IIT, Kharagpur	Sept. 2001 – Aug. 2002
4	Four times Bronze Awards	For thought Leadership at GENPACT	During 2005 - 2009