

## RESUME

**CHANDAVOLU RAJANI KUMAR**

M.Tech., (Ph.D.), M.I.S.T.E.

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### ***Career Objective***

I aspire for a career that would provide me sufficient opportunities for continued growth, challenges and achievements, and where my ability and education are extremely utilized. Interested to work in a real professional atmosphere that enables me to cope-up and giving me a scope for widening the spectrum of my knowledge.

### ***Academic Profile***

- **Ph.D.** degree pursuing from JNTUK, Kakinada.
- **M.Tech** in Machine Design from JNTU College of engineering, Kakinada.
- **B. Tech** in Mechanical engineering from RVR&JC College of engineering, Guntur.
- **HDSE** (Higher Diploma in Software Engineering) from APTECH.

### ***Experience Profile***

- **Total 20 years of teaching, industrial and administrative experience.**  
Teaching: 16 years  
Industry: 04 years  
(Administrative: 2.5 years)
- Working as Associate professor & In-charge HOD in Tirumala engineering college, Jonnalagadda, Narasaraopet, from June 2014 onwards.
- Worked as PRINCIPAL in G.V.M.Polytechnic college, Nagulapalem, Parchur, Prakasam(DT), A.P. College code: 223 from Jan 2012 to june 2014.
- Worked as Assistant Professor in St. Ann's college of Engineering & Technology, Chirala from Nov 2010 to Dec 2011.
- Worked as Assistant Professor in Chirala engineering College, Chirala from Dec 2006 to Oct 2010.

- Worked as senior lecturer in Pratap Polytechnic, Chirala from March 2000 to Dec 2006.
- Worked as Shift Incharge and Quality Control Engineer in Devi Hi-Tech Engineers Pvt. Ltd., Hyderabad from 1996 to 2000.
- Ratified two times as faculty of JNTUK-Kakinada.
- Wipro Mission 10x trained faculty.
- NITTT&R trained faculty.
- Life member of The Indian Society for Technical Education (ISTE)
- Worked as coordinator for ISO, NAAC and NBA Accreditations
- Attended Applied Robotics Control Lab Faculty Development Programme in Germany.
- 15 UG Projects guided.

### ***Technical Knowledge Areas***

Robot Software	:	CPRog & RobotStudio.
Mechanical Software	:	ANSYS, Pro E, CATIA, NX CAD, Ideas & AutoCAD.
General Software	:	MS Office, C, C++, Java, Oracle.

### ***Publications***

[1] Ch. Rajini Kumar, Y. Yeswanth Reddy, S. Madhava Reddy, V. Sai Gopi Chand, P. Raja Sekher "Performance Analysis Of Tin And Alcrn Coated HSS Single Point Cutting Tools In Turning Operation" International Journal of Research in Advent Technology, Special Issue, March 2019 E-ISSN: 2321-9637

[2] Ch. Rajini Kumar, E. Kalyan, K. Srinivasarao "Design and simulation of connecting rod using finite element analysis" Online international conference on Recent innovations in science, engineering, humanities and management September 2020, ISBN:978-93-90103-08-9

### ***Workshops Organized***

[1] A Three day National Level Workshop on "Application of Robotics, Mechatronics and Artificial Intelligence Techniques in Various Systems of Industrial Environments" from 06th TO 08th July 2020 at Tirumala Engineering College, Narasaraopet.

[2] A Three day Workshop on "Non-destructive testing (NDT) methods and its applications" from 23rd TO 25th June 2021 at Tirumala Engineering College, Narasaraopet.

### ***FDPs/Workshops Attended***

- Quality improvement programme on "Instructional design and delivery systems" from 29 Feb to 5 March 2016 by NITTTTR.
- Faculty development programme on "Introduction to composites" Jan-Apr 2019 by NPTEL-AICTE.
- Faculty development programme on "Surface engineering of nanomaterials" Jan-Mar 2019 by NPTEL-AICTE.
- Faculty development programme on "Applied robotics control 1.0" 7 May-15 May 2019 at ECM, Germany.
- Faculty development programme on "Applied robotics control 2.0" 5 Aug-12 Aug 2019 by ECM, Germany at VIT Ap.

- Faculty development programme on "Emerging Technologies in Robotics" 26 May-30 May 2020 by Malla reddy engg college – Hyd.
- Faculty development programme on "SOLID EDGE" 01 Jun-13 Jun 2020 by APSSDC.
- Faculty development programme on "SOLID EDGE" 01 Jun-13 Jun 2020 by APSSDC.
- Short term training programme on "Development of Research Proposals and Funding Opportunities" 3 Jun-9 Jun 2020 by TEC.

### ***Subjects Taught***

- 01) Robotics
- 02) Engineering Drawing
- 03) Kinematics of Machinery
- 04) Dynamics of Machinery
- 05) Strength of Materials
- 06) Power Plant Engineering
- 07) Machine Drawing
- 08) Production Drawing
- 09) Metallurgy and Material Science
- 10) CAD/CAM
- 11) Engineering Mechanics
- 12) Design of Machine Members

### ***Professional strengths and weaknesses***

- Have good Administrative and Academic skills
- Possess excellent logical and critical thinking
- Possess good management and communication skills
- Ability to solve issues in a quick and efficient manner
- Have good leadership and management skills
- In-depth knowledge of tools and techniques for effective teaching and learning activities
- Expertise in using Robot and Mechanical soft wares
- Good motivator and ability to handle multiple tasks
- Determined and goal oriented
- Trust easily on people
- *A little insecure about sharing my ideas, particularly in a group setting*

### ***Personal Profile***

- Father's Name : Bangaraiah
- Date of birth : 02-08-1974
- Age : 46 Years
- Religion : Hindu
- Marital Status : Married
- Languages Known : Telugu, English and Hindi.

**I am a person with good communication skills, positive attitude and flexible mingling nature, varied interests and have an optimistic outlook towards life, which lays the basis for my confidence level. Hence I consider myself competent enough to succeed in this world of cutthroat competition. I am keenly looking for an opportunity, which is in tune to my expectations and puts me on right platform to prove my credentials.**

**Place:**

**Date:**

**(CH. RAJANI KUMAR)**