



Dr. K.V. Subba Reddy Inst. of Technology

AUTONOMOUS

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA, Anantapuramu.)

Accredited with NAAC A+ & NBA | Recognized under Section 2 (f) and 12B of UGC Act, 1956

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ISO 9001 : 2015 & 50001 : 2018 & ISO 14001 : 2015 Certified Institution

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Department of Mechanical Engineering

FACULTY PROFILE

Faculty Name: M.Nagakiran

Faculty Photo:



Faculty Biography:

M.Nagakiran has completed **M. Tech in Mechanical Engineering specialized in Machine Design** from Rajeev Gandhi Memorial College of Engineering JNTUA, Anantapur.

B. Tech in Mechanical Engineering from G.Pulla Reddy College of Engineering Sri Krishna Devaraya, Anantapur.

Currently, he is serving as an **Assistant Professor in the Department of Mechanical Engineering** at **Dr. K. V. Subba Reddy Institute of Technology (Autonomous), Kurnool, Andhra Pradesh**.

He possesses a rich blend of academic, industrial, and technical expertise with **more than 13 years of teaching experience, 1 years of industrial experience at Avani Geo Technical Pvt. Ltd. Telangana** His industrial exposure has provided him with practical insights into Constructional field which significantly enrich his teaching methodology.

His areas of interest include **Machine Design, Computer-Aided Design (CAD), Product Development, Manufacturing Technology, and Automotive Engineering**. He is committed to imparting outcome-based education and fostering industry-oriented skills among engineering students through innovative teaching practices, practical training, and project-based learning.

His dynamic and illustrative approach towards the subjects helps the students to enrich their skills in their academics which can help them to achieve success in job career.

He always believes in real time approach to solve various problems and expect the same with his students which can help them to understand their subject in an easy and efficient manner.

Mr. M.Nagakiran actively contributes to academic development, student mentoring, and departmental activities, striving to bridge the gap between theoretical knowledge and industrial applications.

EDUCATIONAL QUALIFICATIONS

Course	Institution	University	Year	Percentage
Ph.D	JNTU Anantapur	JNTU Anantapur	2022 to till now	Pursuing
M.Tech (ME)	Rajeev Gandhi Memorial College	JNTU Anantapur	2011-2013	69.36%
B.Tech (CSE)	G. Pulla Reddy Engineering College	SKD Anantapur	2006-2010	58.05%
Intermediate	Narayan Junior College	Board of Intermediate Education	2004-2006	54.5%
S.S.C	Sri Lakshmi High School	Board of Secondary Education	2003-2004	72.16%

TEACHING EXPERIENCE

Currently, he is serving as an **Assistant Professor in the Department of Mechanical Engineering** at **Dr. K. V. Subba Reddy Institute of Technology (Autonomous), Kurnool, Andhra Pradesh.**

Institution	Affiliated University	Work Duration	Total Experience
Dr. K. V. Subba Reddy Institute of Technology (Autonomous)	JNTUA, Anantapur	2 nd July 2015– Till Date	11 Years
Srinivasa College of Engineering & Technology, Kurnool	JNTUA, Anantapur	2 nd July 2013– 30 th June 2015	02 Years

SUBJECTS TAUGHT

1. Engineering Drawing
2. Basic Mechanical Engineering
3. Production Technology
4. Industrial Management
5. Automobile Engineering
6. Industrial Engineering and Estimation costing
7. Non-Renewable Sources of Energy
8. 3 D Printing
9. Design of Machine Members
10. Heat Transfer
11. Design Thinking

TECHNICAL SKILLS

- Hyper mesh
- Catia
- Auto Cad
- Nastran & Patron
- Google Forms

STRENGTHS

- Strong communication skills.
- Good written skills.
- Ability to mould the students in less time.
- Dedication to hard work.
- Active participant in seminars.

ACHIEVEMENTS

- Received certificate in TECHNICAL EXHIBITION.
- Participated in AERO MODELLING WORK SHOP
- Participated in BLOOD DONAR CAMPS
- Got many certificates in SPORTS
- Published **29 INTERNATIONAL JOURNALS**
- Sponsorship certificates more than 35
- State level certificate in NSS CAMP as NSS Program Officer
- **Ratified from JNTUA University in the year 2016**
- **NPTEL Online Certification in “Engineering Metrology” on October 2018**

- NPTEL Online Certification in “Manufacturing Process Tech.” April 2019
- NPTEL Online Certification in “Computer Integrated Manufacturing” April 2023
- NPTEL Online Certification in “Manufacturing Process Tech. - I&II” April 2023
- SWAYAM Online Certification in “Research & Publication Ethics” Feb 2023
- Supervised More than 54 Students for B.Tech Projects
- Supervised More than 12 Students for M.Tech Projects
- Participated more than 65 FDP’s
- Professional Membership for MISTE, MIAENG, I2OR
- Qualified in APRCET 2021 with Rank of 49
- Worked for NAAC, NBA, Autonomous
- SIX SIGMA WHITE BELT CERTIFICATE

RESPONSIBILITIES HANDLED

- ✓ Acts as an Organizer in ME Department for various Events & functions.
- ✓ Presently, SPOC for NPTEL from 2018 to till now
- ✓ Presently, in charge for AICTE, FFC, AFRC
- ✓ Presently, in charge for NAD Portal

LIST OF PUBLICATIONS

A. INTERNATIONAL JOURNALS

- 1 IJRTME Analysis of Axial Flow Fan Volume-3, Issue-1, ,Page No 1-7 October-2013
- 2 IJRSET Finite Element Analysis of Axial Flow Fan Volume 4, Issue 8, Page No 7633-7647 August 2015 2319-8753
- 3 IJSRST Banana Fruit Stem Fiber Reinforced with Polyester Composites on Mechanical Properties Volume 2 , Issue 1,Page No 105-110. February 2016 2395-6011
- 4 IJMRC Modeling, Analysis And Optimization of Machining Characteristics of GFRP Composites Volume II, Issue 3, Page No 17 - 23 March 2016 2454-3659
- 5 IJSRSET Development and Mechanical Characterization of Palmyra Fruit Fiber Reinforced Epoxy Composites Volume 2, Issue 2, Page No 15 - 18. March 2016 2395-6011
- 6 IJSRST Hydrogen Fuel Cell Car Volume II, Issue 2, Page No 15 - 15 April 2016 2395-6011
- 7 IJRASET Design, Construction and Structure Analysis of Twin rotor UAV Volume 4 Issue IV, Page No 114 – 120 April 2016 2321-9653
- 8 IJRDO Agricultural Solar Sprayer with Multi Applications Vol. 2 ,Issue 4,Page No 1 – 8 April 2016 2456-2971
- 9 IJCERT Design Optimization and Buckling Analysis of Pressure Vessel Volume 3, Issue 5, Page No 246 – 250. May 2016 2349-7084

- 10 IJMERE Design of a two wheeler self balanced Vehicle or scooter Volume 5, Issue 5(2), Page No 128 – 138 May 2016 2277 - 7881
- 11 IJSRST Modelling and Structural Analysis of a Pressure Hull under Dynamic Load Volume 2 , Issue 4, Page No 167 - 172 August 2016 2395-6011
- 12 IJETAS Design and Analysis of a Camera Jib Crane Volume 1, Issue 3, Page No 131–139 September 2016 2395-3853
- 13 IJSRMME Micromechanical Analysis of FRP Composites Volume 1, Issue 1, Page No 28–34 September 2016 2457-0435
- 14 IJSRMME Design and Analysis of a Camera Jib Crane Volume 1, Issue 1, Page No 35– 42 September 2016 2457-0435
- 15 IJRSET Modeling & Impact Analysis of a Car Bumper with Different Loads on Different Materials Volume 5, Issue 11, , Page No 19260-19264 Nov 2016 2319-8753
- 16 IJETA Modeling and Analysis of Cylinder Block by Carbon Material (FU4270) for V8 Engine Volume 4, Issue 1, Page 1-4 Jan 2017 3297- 2007
- 17 IJSRE Co-Generated Bike Volume 1, Issue 2, Page 44-52 Feb 2017
- 18 ManTech Publications Co-Generated Bike Volume 2, Issue 1, , Page No 1 – 1 March 2017
- 19 IJSRET Mechanical Performance and Analysis of Banana Fiber Reinforced Epoxy Composites Volume 6, Issue 5, Page 440-444 May 2017 2278 – 0882
- 20 IJR (UGC) Design and Analysis of 2 Wheeler Connecting Volume 04 Issue-17, Page 2171-2175 Dec 2017 2348-6848
- 21 IJR (UGC) Design and analysis of shaft driven bicycle Volume 04 Issue-17, Page :1951-1954 Dec 2017 2348-6848
- 22 IJR (UGC) Design and Analysis of an Aluminium Die Casting Die for a Compressor Rotor Volume 05 Issue-16, Page 307-311 June 2018 2348-6848
- 23 IJR Design and Analysis of A Aerfoil Shaped Propeller Blades Used In Ships Using FEA Volume 05, Issue-22 Page No: 959-967 November 2018 2348-795X
- 24 IJR Design and Analysis of Wind Turbine Blade Volume 05, Issue-22 Page No: 891-894 November 2018 2348-795X
- 25 JETIR(UGC) Construction and operation of Ornithopter Volume 6, Issue 1, Page No: 109-119 January 2019 2349-5162
- 26 IJRDES Fabrication of 360 Degrees Rotating Vehicle for a four wheeler steering system of a car Volume 1, Issue 1, Page No: 29-33 Aug 2019 2582-4201
- 27 IJMETMR Efficient Loading and Transport of Wagons Design for New Traffic Commodities Volume 7, Issue 2, Page No: 15-21 Feb 2020 2348-4845
- 28 IJTSDR Fabrication of switch operated sweeping & floor cleaning machine Volume 4, Issue 2, Page No: 599-608 Feb 2020 2456-6470

List of FDP's:

S. No.	Programme Title/ Details	Duration	Date	Name of the organizing Institution
1	Research Methodology	1Day	27th Dec 2014	SECT
2	Engineering Metrology	1 ½ Week	Oct 2018	IIT Kanpur
3	Manufacturing Process Technology	1 ½ Week	April 2019	IIT Madras
4	Student Induction	3Days	19 th -21 st Dec 2019	IQAC AICTE GPREC
5	NAAC Awareness Programme on Revised Accreditation Frame work	1 Day	20 th Jan 2020	Directorate of Faculty Development & IQAC JNTUA

AICTE Training and Learning (ATAL) Academy FDP

S.No	Title	Date	Weeks	Org by
1	Design thinking	Jan5th 2021- Jan9th 2021	1 Week	The ICFAI Foundation for Higher Education.
2	3D Printing & Design	Oct 5 th 2020-Oct 9 th 2020	1 Week	university visvesvaraya college of engineering.
3	Robotics	Dec14th – Dec 18 th 2020	1 Week	Narayana Engineering college nellore
4	Green Technology & Sustainability Engineering	Sep7th 2020 – Sep 11 th 2020	1 Week	St. Joseph's College of Engineering.
5	Green Technology & Sustainability Engineering	July 7 th 2021- July 9 th 2021	1 Week	Amrita Vishwa Vidyapeetham
6	Design Thinking	June7th 2021- June 11 th 2021	1 Week	IIT(BHU) Varanasi.

Online FDP

S.No	Title	Date	Weeks	Org by
1	Role of Teachers in Quality Enhancement & Accreditation	05 th June 2020- 11 th June 2020	1 Week	Shanthiram Engineering College
2	Nano materials Synthesis, Process, Characterization and its Functional Applications	6 th July 2020- 11 th July 2020	1 Week	Hindusthan College of Engineering & Technology

List of Publications in National Conferences:

S.No.	Name of the conference	Name of the Institution	Title of the paper	Date
1	2 nd National Conference on Recent Trends in Engineering & Technology & Management Sciences	Dr.K.V.S.R.I.T	Bench Marking of Coal Mines using Data Envelopment Analysis	26 th June 2020
2	ICETETA International Conference on Emerging Technology, Management and Applied Sciences	BITS Adoni	Numerical Investigation of Temperature Distribution in PEEK and Fiber-Reinforced PEEK During Additive Manufacturing of Aerospace Brackets	28 th March 2026

List of Workshops Attended:

S.No.	Name of the Work shop	Topic	Institute	Date
1	APITCO	Entrepreneurship Awareness Camp(EAC)	SECT	7,8,9 March 2013
2	NSIC	Enterpreneurship Development	SECT	16 Oct 2014
3	National Level	Recent Advancements in the Alternative Energy Systems	Dr.K.V.S.R.I.T	28 Oct 2014
4	Aerotrix(Skyfi)	Aerodynamics	Dr.K.V.S.R.I.T	30,31 Jan 2015
5	Sak Robotix	Marine Robot	Dr.K.V.S.R.I.T	15,16 Sep 2015
6	National Level	Advanced Trends in Pro-E & CNC Machines	Dr.K.V.S.R.I.T	19,20 Oct 2016
7	National Level	Solid works & Ansys	Dr.K.V.S.R.I.T	22,23 Sep 2017
8	National Level	3D Printing	Dr.K.V.S.R.I.T	5 th Oct 2018
9	NPTEL	NPTEL SPOC Workshop	IITM	26 th July 2019
10	Workshop	Advances in Manufacturing Processes	Bharath Institute of Technology	13 th July -2020-17 th July 2020
11	NPTEL	E Awareness Workshop	-	15 th Dec 2021

List of Webinars Conducted

S.No.	Name of the Company	Topic	Attended	Date
1	Elite Techno Groups	Scope of Automotive Sector	561 Registered	20 th July 2020

List of webinars attended

S.No.	Name of the College	Topic	Date
1	IFERP	Knowledge Sharing on A to Z Journal Publications	30 th May 2020
2	Sreenidhi Institute of Science & Technology	Enriching Research Skills, Research writing & Research Funding Techniques	02 nd June 2020
3	Narasaraopeta Engineering College	Advanced Material Processing	4 th June 2020
4	Amrita Vishwa Vidyapeetam School of Engineering	Robotics & Mechanical Engineering	7 th June 2020
5	APHRDI	Protection of women from atrocities	29 th Sep-01 st Oct 2021
6	APHRDI	Capacity building achieving good governance	8 th -10 th Nov 2021

List of Technical Symposium Attended:

Sl.No.	Name of the Symposium	Topic	Institute	Date
1	National Level	Aero Modelling (Vector 08)	VNR Vignana Jyothi Inst of Engg & Tech Telangana	19,20 Dec 2008
2	National Level (Innovations))	Hydrogen Fuel Cell Car	SECT	7 Nov 2014

List of Youth Festivals Attended

Sl.No.	Name of the Festival	Title	From Institute	Organising Institute	Date
1	State Level NSS Youth Festival	NSS Program Officer	SECT	JNTUA	12,23 Feb 2015

List of Exhibition Attended

Sl.No.	Name of the Exhibition	Topic	Institute	Date
1	Technical Exhibition & Science Fair	Hydrogen Fuel Cell Car (Silver Jubilee Year)	GPREC	16,17,18 Feb 2010

Virtual Incubation Camp

Sl.No.	Name of the Programme	Topic	Institute	Date
1	Research, innovation, Incubation & Entrepreneurship Development Cell (RIED)	Virtual Ideation & Pre-Incubation Camp	PVKK	31 st March 2020-13 th April 2020

List of Reviewer for Journals

Sl.No.	Name of the Journal	National /International
1	Institute for Exploring Advances in Engineering	International
2	Institute of Scholar	International
3	IJRDES	International
4	IJOARME (Editor & Reviewer)	International

List of Memberships

Sl.No.	Name of the Membership	Time
1	The Indian Society for Technical Education (ISTE) 126786	Life Membership
3	IFERP Institute for Engineering Research & Publications (PNIN58623741)	31-12-2022
4	IREDD Institute of Research Engineering & Doctors (AM101000584961)	6 th Jan 2023
5	IAOE International Association of Online Engineering	Life Membership
6	I2OR (345) International Institute of Organized Research	Life Membership
7	IAENG (258382) International Association of Engineers	Life Membership
8	ISAC (RM2026010405) International society for Applied Computing	Regular Membership

Patents

Sl.No.	Patent Number	Title of the Patent	Date of Publishing
1	202141061799	A Smart IOT Based Geyser that supports for lesser Electricity Consumption	7/1/2022
2	202541111824	3D-Printed Smart Prosthetic Limb with IoT-Based Control	05/12/2025

All IDs

S.no	Name of the website	ID
1	Google Scholar	gdEyzBsAAAAJ
2	Vidwan Id	286340
3	ORC id	0000-0002-3904-505X
4	Research id (Web of Science)	HPG-4781-2023

PROJECTS GUIDED

Course	UG	PG
No. of Students	16	6

HOBBIES

Watching & Playing Cricket, Reading Books

PERSONAL INFORMATION

Name : M.Nagakiran

Father's Name : M Chowdary

Mother's Name : M Venkata Ramanamma

Date of Birth : 13/01/1988

Gender : Male

Nationality : Indian

Languages Known : English, Hindi and Telugu.