

Name : Dr. Kiran Kumar Namala
Designation : Associate Professor
Department : Mechanical Engineering
Mail Id : kirankumar_n@vnrvjiet.in



Experience (in years): 18 year 4 months

Teaching: 15 years Research: 2 years Others(if any, specify): 2 years

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	PhD	2015	Composites
2	M.Tech	2005	Production Engineering
3	B.Tech	2001	Mechanical Engineering

2. Teaching and Learning:

2.1. Teaching Interests :

Finite Element Methods, Composite materials, Production Engineering, Engineering Mechanics, Mechanics of Solids, Fluid mechanics, Machine learning, MATLAB and Python Programming, ANSYS, Design of Experiments, Automation in Manufacturing, Mechanisms and Machines

2.2. Novel Teaching & Learning Techniques adopted:

WIT/WIL, Discuss to Learn/Teach,
ITALE (Introduction, Teach, Assign, Learn,Execute)

2.3. Involvement in curriculum updating / Design:

Board of Studies, Department Academic Activities

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

Reading books, Playing chess, interest in research and technical articles, mezzanine technologies

3.2. Counseling and Mentoring Activity:

Mentoring completed for a batch,(final years passed out)

3.3. Committees involved in:

Department level : BoS, Project Review Committee (PG & UG) – Major & Mini

Comprehensive VivaVoce Committee, Department Academic Committee,

Department Research Committee, Department Syllabus Review Committee,

Department Coordinator - RCC

Institute Level : Convergence, Open House, Stock verification, Scintillationz,
R& D team

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted: 05

4.2 Attended: 12

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: 10 lectures

5.2. Articles / Chapters published in Books: 02

5.3. Books published as single author or as editor:

5.4. Projects Guided :

a) UG :12

b) PG : 6

5.5. Research Interests : Composites, Plydrop phenomenon in FRP composites, Sandwich composites, Finite element Method, Bio-Mechanics,

5.6. Ph.D students :

a) Enrolled : -

b) Submitted : -

c) Awarded : -

5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Damage Characterization of Sandwich Composites Subjected to Impact Loading	Journal of Sandwich Structures & Materials	22, no. 7, 2125-38.	5.616/18	International
2	Effect of dual resin on mechanical properties of juteglass fibre reinforced hybrid composite	Materials Research Express		1	International
3	Estimation of microscopic variables for materials system optimization using Cluster Variation Method	Materials Today: Proceedings	Vol.26, Part 2, 1621-1625.	1	International
4	Machine Learning Approach for Surface Defects Identification of Shielded Metal Arc Welding	International Journal of Mechanical and Production Engineering Research and Development	Vol.10, No. 3		International
5	Predictive modelling for quality of assurance of extrusion blow molding	International Journal of Mechanical and Production Engineering Research and Development	Vol.10, No. 3		International

6	Predictive Modelling for Quality Prediction and Assurance of Extrusion Blow Molding	International Journal of Innovative Technology and Exploring Engineering,	Volume-8 Issue-11, 1364-68		International
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5.8. Papers presented at National / International Conferences :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1				

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Characterisation of ply-drop phenomenon in FRP composites	TEQIP- III/ JNTUH	1 year	2.9 Lakhs	Completed
2	Advanced Techniques in Modelling and Analysis for Mechanical Engineering Applications (ATMA -2020)	AICTE	1 year	3.66 Lakhs	Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

Innovative Researcher 2020 – Indian Society of Mechanical Engineers award

7. Motto:

Better the Best - AnAndA