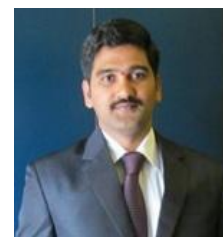


KNOWLEDGE ASSET 2021-22

Name : Dr. Kiran Kumar Namala
Designation : Associate Professor
Department : Mechanical Engineering
Mail Id : kirankumar.iitd@gmail.com



Experience (in years): 17 Y 6 months

Teaching: 15 years Research: 8 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, Computer Aided Process planning, Finite Element Analysis, Manufacturing process

2.2. Novel Teaching & Learning Techniques adopted: WIT/WIL, Discuss to Learn/Teach, ITALE (Introduce, 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, Reading research and technical articles

3.4. Counseling and Mentoring Activity: Mentoring for current graduating students.

3.5. Committees involved in:

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

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

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted: 0

4.2 Attended: 02

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: 3 lectures

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided :

a) UG :10

b) PG : 6

5.5. Research Interests : Composites, sandwich composites, Finite element Method, Bio-Mechanics

5.6. Ph.D students :

a) Enrolled : nil

b) Submitted : nil

c) Awarded : nil

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	Experimental Investigation On Flexural Behaviour And Moisture Absorption Of Double Sandwich Composites	Journal of East China University of Science and Technology			International
2	A Review on Carbon Reinforcements in Glass Fiber Polymer Matrix Composites	Innovations in Mechanical Engineering			International
3	Experimental Investigation of Plydrop Behavior in FRP Composites	Innovations in Mechanical Engineering			International
4	Influence of Coating on Micro Stress Distribution in Cylindrical FRP Composites	Innovations in Mechanical Engineering			International
5	A Short Review and Investigate Study on Performance of Magneto-Hydrodynamic Using High Reynolds Numbers	Latest Trends in Renewable Energy Technologies			International
6	Review on glass fiber reinforced polymer composites	Materials Today: Proceedings		24	International

5.8. Papers presented at National / International Journals :

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	AICTE	1 year	3.66 Lakhs	Completed
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5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: Innovative Researcher & Dedicated Excellent Professional Achievement, ISME 2020-21.

7. Motto: Act of service