CURRICULUM –VITAE

DHANUNJAYARAJU DHULIPALA
Assistant Professor
Department of Mechanical Engineering
Sri Vasavi Engineering College (A)
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OBJECTIVE

To work as a committed professional with high quality of work, research and contribute towards organizational growth. Develop and refine the teaching and learning process within the department and initiate research opportunities.

EDUCATION

Ph.D - Mechanical Engineering (About to submit)
University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada, Andhra Pradesh.
• Supervisor: Dr. V. V. Subba Rao, Registrar – JNTU Kakinada & Professor of Mechanical Engineering, University College of Engineering Kakinada.
• Thesis: "Design and Analysis of Advanced Smart Laminated Hybrid Composite Plates"

M.Tech - Machine Design 2011-2013
University College of Engineering Kakinada, Jawaharlal Nehru Technological University Kakinada, Andhra Pradesh.
• Project: "Thermo Structural Analysis of Laminated Hybrid Composite Plates using FSDT"
• Percentage of Marks: 66.91

B. Tech - Mechanical Engineering 2008-2011
Chaitanya Institute of Science and Technology, Kakinada, Jawaharlal Nehru Technological University Kakinada, Andhra Pradesh.
• Project: "Modeling and Analysis of Piston, Connecting rod and Crankshaft Assembly"
• Percentage of Marks: 72.14

Diploma in Automobile Engineering 2001-2004
Andhra Polytechnic, Kakinada, Andhra Pradesh.
• Project: "*Cut a section of Six-cylinder Diesel engine. (TATA 697NA)*."
• Percentage of Marks: 68.71

Secondary School Certificate 2001
P.L.S.Z.P High School Akividu
• Percentage of Marks: 77

EXPERIENCE

Teaching & Research Experience: 7 years

- ***Sri Vasavi Engineering College (Autonomous) Tadepalligudem.***
  I have been working as an Assistant Professor in the Department of Mechanical Engineering, Sri Vasavi Engineering College Tadepalligudem.

  Roles and Responsibilities
  IV B.Tech Class Teacher.
  IV B.Tech Projects Coordinator.
  IV B.Tech Seminar Coordinator

  Number of B.Tech Projects Guided : 02
  1. Design and Fabrication of Electric Vehicle
  2. Design and Fabrication of Electric car Body components using polymer composites.

- ***Godavari Institute of Engineering and Technology (A), Rajahmundry.***
  June 2019 to October 2019 worked as a Senior Assistant Professor in the Department of Mechanical Engineering, Godavari Institute of Engineering and Technology (Autonomous), Rajahmundry.

- ***University College of Engineering Kakinada, J N T University Kakinada.***
  I have been pursuing Full-time Ph.D in the Department of Mechanical Engineering, University college of Engineering Kakinada, since September 2014. I taught various subjects to UG and PG students.

- ***VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.***
  December 2013 to July 2014 worked as Assistant Professor in Department of Automobile Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.

- ***Sri Vasavi Institute of Engineering and Technology, Kanuru.***
  May 2011 to November 2011 worked as Assistant Professor in Department of Mechanical Engineering, Sri Vasavi Institute of Engineering and Technology, Kanuru.

Industrial Experience: 4 years

- ***SATYAM-BPO Hyderabad***

  February 2007 to January 2008 as an Engineer in Engineering services in SATYAM BPO Hyderabad. The main role here is to analyze the failures of CATERPILLAR heavy commercial vehicle parts like engine, clutch, and gearboxes and approve the warranty claims raised by the dealers for the failed parts.

- ***ASHOK LEYLAND***

  August 2006 to February 2007 worked as Service executive in ASHOK LEYLAND Dealer of Automotive Manufacturers Pvt. Ltd Rajahmundry.

- ***TATA MOTORS***

  October 2004 to August 2006 worked as Workshop supervisor in TATA MOTORS dealer of SRMT Ltd, Kakinada.
  I have undergone the Workshop Supervisory Trainee (WST) training for One year at TATA MOTORS in LUCKNOW, PUNE Plants, TATA Service Station in Bhubaneswar and National Institute of Technical Teachers Training and Research (NITTTR) in Bhopal.

Research Publications

1. D.Dhanunjaya Raju, V.V. Subba Rao, Static Response of Cross-Ply Laminated Hybrid Composite Plates Excited by Piezoelectric Actuators, In *Lecture Notes in Engineering and Computer Science*, 2224:1013–16. Newswood Limited.

2. D.Dhanunjaya Raju, V.V. Subba Rao, Static Analysis of CNT Reinforced Laminated Hybrid Composite Plates using FSDT, *Proceedings of International Conference on Composite Materials and Structures 2017, December 27 - 29,* IIT Hyderabad, pp. 813-822.

3. D.Dhanunjaya Raju, V.V. Subba Rao, Static Response of Quasi Isotropic Laminated Plates Excited by Smart Piezoelectric Actuators with Variable Thickness Ratios, *Proceedings of International Conference on Advances in Dynamics, Vibration and Control,* 2015. NIT Durgapur, pp. 61-65.

4. D. Dhanunjaya Raju, V.V. Subba Rao, Static Analysis of Laminated Hybrid Composite Plates using FSDT, *Proceedings of International Conference on Advances in Materials, Manufacturing and Applications*-2015. NIT-Tirchy, pp.810-817.

5. D. Dhanunjaya Raju, V.V. Subba Rao, D.V Sekhar, Thermo Structural Analysis of Laminated Hybrid Composite Plates using First-Order Shear Deformation Theory, *Proceedings of National Conference on Recent Advances in Mechanical Engineering* - 2014. UCEV, JNTU Kakinada pp.104-110.

NPTEL Courses Completed:

- Four weeks NPTEL course (AICTE approved FDP) on **Smart Materials and Intelligent System Design** organized by IIT Kanpur during 29th July to 23rd August 2019.
- Twelve weeks NPTEL course (AICTE approved FDP) on **Fundamentals of Automotive Systems** organized by IIT Madras during 27th January to 17th April 2020.

FDP / Workshops attended

1. Two Days workshop on **Engineering Exploration Project** organized by the Directorate of the Faculty Development Centre, JNTUK Kakinada during 10th -11th October 2019.
2. One Week Faculty Development Programme on **Recent Advances in Composite Materials and Analysis of Composite Structures** (Sponsored by AICTE) organized at Jawaharlal Nehru Technological University Kakinada during 29th July to 3rd August 2019.
3. Six days Technical Education Quality Improvement Programme (TEQIP) workshop on **Finite Element Method with emphasis on composite structures** organized at Indian Institute of Technology Hyderabad during March 13-18, 2017
4. One Week Interdisciplinary Short-Term Course on **Smart Electric PowerGrid with Emphasis on Embedded systems and Cyber Security** organized at JNTU Kakinada, during February 21-25, 2017.
5. Four days Technical Education Quality Improvement Programme (TEQIP) workshop on **Mechanics of Reinforced Polymer Composites** organized at Indian Institute of Technology Hyderabad during January 22-25, 2017.
6. Ten days Global Initiative on Academic Network (GIAN) Course on **Advanced Composite Structures** organized at Indian Institute of Technology Kharagpur during December 17 – 27, 2016.
7. Ten days Global Initiative for Academic Networks (GIAN) Course on **Finite Element Method** organized at Indian Institute of Technology Hyderabad during July 14-24, 2016.
8. Three Days workshop on **Outcome Based Education and Accreditation** organized by University college of Engineering Kakinada, and NBA Nodal Centre, JNTU Kakinada during 8th-10th June 2016.
9. Two Days workshop on **Evolutionary Computing Techniques: Theory & MATLAB Implementation** organized by the Department of Mechanical Engineering, Pragati Engineering College during 23rd -24th April, 2016.
10. Three Days National Level workshop on **Advanced Vibration Analysis Hands on Sessions** organized by the Department of Mechanical Engineering, University college of Engineering Kakinada, JNTU Kakinada during 3rd -5th March, 2016.
11. Two Days National Workshop on **Technological Advances in Materials and Process** organized by the Department of Mechanical Engineering, University College of Engineering Kakinada, JNTU Kakinada during 10th -11th June 2016.

Subjects Taught at UG & PG Level:

Engineering Drawing, Machine Drawing, Automobile engineering, Engineering Mechanics, Mechanics of solids, Finite Element Methods, Thermodynamics, Thermal Engineering, Dynamics of Machinery and Mechanics of Composite Materials.

TECHNICAL SKILLS:

Design software's : Pro Engineer wildfire 5.0

STRENGTHS:

- Adaptability to learn new things.
- Positive attitude
- Innovative Thinking

Journal Reviewer ship

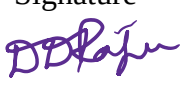
- International Journal of Engineering and Technology Innovation **IJETI** (Scopus)
- International Journal of Engineering Research & Technology **IJERT**

PERSONAL PROFILE

Name	:	D. DHANUNJAYA RAJU
Father's Name	:	D. Parusu Ramudu
Date of Birth	:	11-02-1986
Gender	:	Male
Nationality	:	Indian
Languages Known	:	Telugu, English & Hindi
Marital status	:	Married
Membership	:	Member in IAENG 166398
Hobbies	:	Teaching, doing experiments
Permanent Address	:	D. Dhanunjaya Raju D No 1-101, I. Bhimavaram Road, AKIVIDU - 534235. West Godavari District , A.P.

Station:

Signature



Date :

(D. DHANUNJAYA RAJU)