

## CURRICULAM VITAE

SNEHA.H.DHORIA  
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### Academic Profile

- ❖ Registered for Part time Ph.D (Andhra University).
- ❖ Post Graduation in **Industrial Engineering** from Andhra University college of Engineering, Vishakhapatnam, with 8.3 CGPA.
- ❖ B.Tech with specialization in **Industrial & Production Engineering** from R.V.R& J.C College of Engineering, affiliated to Acharya Nagarjuna University.
- ❖ Intermediate from Board of Intermediate, from Gowtham Junior College.
- ❖ SSC from St.Josephs Girls High School, Guntur.

### Professional Experience

- ❖ Working as an Assistant Professor in “R.V.R& J.C College of Engineering”, Guntur from June 2013 till date.
- ❖ Worked as a Design Engineer in “Esskay Machine Tools private limited”, Hyderabad from Feb 2011 to Mar 2013.
- ❖ Worked as an Assistant Professor in “Raghu Institute of Science & Technology”, Dakkamari, Visakhapatnam from June 2010- Feb2011.
- ❖ Worked as an Assistant under the guidance of **Dr. Srinivas Kishore** (Associate Professor) and **Dr.M.Pramila Devi** (Professor in Andhra University, Vizag).

02/2011 – 03/13: Esskay Machine Tools, Jeedimetla, A.P.

**Role: Design Engineer** :Full-time position working directly with detailing of various parts used for manufacturing special purpose machines (SPMS).

- Key clients include: Ashok Leyland, Mahindra & Mahindra, LG etc,

### Technical Skills

- CAD/CAM Tools: Solid Works, AutoCAD 2010, ANSYS.
- MS word, MS Office, MS Excel and Power point Presentation.

### Extra-Curricular Activities:

- ❖ Presented a paper on “Smart materials and Sensors” in JNTU Hyderabad.
- ❖ Presented a paper on “ Robotics and Automation ” in Mahaveer Institute of Science and Technology, Hyderabad.
- ❖ Stood topper during Post Graduation of M.E in Industrial Engineering.
- ❖ Working as a Class In-Charge for third and final year students at R.V.R & J.C College of Engineering, Guntur.
- ❖ Stood as Block Secretary of PG Block in Andhra University Hostel Campus.

### Workshops/Seminars/ Attended

- Participated in one week online FDP on “Engineering Education and the Industry : A post COVID- 19 perspective” by Rajiv Gandhi institute of technology in association with Indian Institute of Industrial Engineering during 1 june to 5 june 2020.
- Participated in 3 day faculty development programme on “Advanced material Characterization techniques” by Lendi Institute of Engineering and Technology during 28 – 30 may 2020.
- Participated and successfully completed the Effective and Efficient online teaching in online teaching in the age if CORONA, A hands on workshop on 17 may 2020.
- Participated in 3D printing applications and technologies offered by Sri Ramakrishna Engineering college, during 18-20 may 2020.
- Participated in AICTE Sponsored two week FDP on Emerging Technologies and Challenges in Mechanical Engineering, 21 Oct. – 2 Nov. 2019, organized by Department of Mechanical Engineering, RVRJCCE
- Participated in a one week short term course on ‘CAD Using Solid Works’, organized by NITTTR Chandigarh, during 11-15 March, 2019.
- Participated and successfully completed the IUCEE-International Engineering Educator certification program in association with Indo Universal Collaboration for Educating Engineers (IUCEE), during July 2018 to Jan. 2019.
- Participated in AICTE- ISTE sponsored one week induction program on “Research Methodology, Design and analysis of Experiments”, conducted by R.V.R&J.C

College of engineering, Department of Mechanical Engineering, RVRJCCE, during 12-17 Nov 2018.

- Participated in online course on “Fundamentals of 3D Visualisation” conducted by IIT Bombay from 29<sup>th</sup> August to 07<sup>th</sup> October 2018.
- Participated in the “APSSDC - IIEECP phase - I Certification program (in Partnership with IGIP, Austria) - Batch II” started from May 2, 2018.
- Participated in AICTE approved faculty development program (FDP301X) on "MENTORING EDUCATORS IN EDUCATIONAL TECHNOLOGY" conducted by Indian Institute of Technology, Bombay from May 17, 2018 to July 5, 2018.
- Achievement-One amongst the top 241 performers from a total of 5308 participants in the two week FDP on “Foundation program in ICT for education” and “Pedagogy for online and blended teaching learning process” conducted by IIT Bombay.
- Participated in AICTE recognized short term course on “Product Design and development through ICT” from 6-10<sup>th</sup> November, 2017 conducted by National Institute of technical teachers training and research, Chandigarh.
- Attended two week faculty development programme (FDP) by AICTE on “Innovations in renewable energy harvesting and environment friendly process technologies for sustainable development” at R.V.R & J.C College of Engineering, Guntur during 23<sup>rd</sup> Oct- 4<sup>th</sup> Nov 2017.
- Attended FDP on “Pedagogy for online and blended teaching learning process” conducted by IIT Bombay from September 14<sup>th</sup> 2017-October 12<sup>th</sup>, 2017.
- Attended FDP on “Foundation program in ICT for education” conducted by IIT Bombay from August 3<sup>rd</sup> to September 7<sup>th</sup> 2017.
- Attended short term course on “Optimization using MATLAB through ICT” conducted by National Institute of technical teachers training and research, Chandigarh during 17-21 July,2017
- Attended short term course on “Artificial neural network and fuzzy logic through ICT” conducted by National Institute of technical teachers training and research, Chandigarh during 24-28 April,2017.
- National seminar on “Ethics and human values in engineering” by Department of Mechanical Engineering at R.V.R & J.C College of Engineering, Guntur during 5-6 January 2017.
- Attended short term course on ‘Tribology in Design’ organized by Department of Mechanical Engineering, IIT Madras., during Nov 7-12, 2016.

- Attended a TEQIP-II Sponsored Short Term Training Programme on “Supply chain Management & E-Business” organized by Department of Mechanical Engineering at SVNIT, Surat during June 22-26<sup>th</sup> 2015.
- Attended two day induction training programme (ISTE) at R.V.R&JC College of Engineering during 1-2<sup>th</sup> may 2015.
- National Seminar on “Recent Advances in Mechanical Engineering” by Department of Mechanical Engineering at Lakireddy balireddy college of Engineering during 26-30<sup>th</sup> December 2015.
- A two day workshop on "Engineering Drawing" under TEQIP-II organized by Dept of mechanical engineering at Malla reddy engineering college, Hyderabad during 12-13<sup>th</sup> September 2014.
- National Seminar on “Futuristic trends of Nano Composites and their Fabrication” (FTNCF – 2013) by Department of Mechanical Engineering at R.V.R & J.C College of Engineering, Guntur during 6-7<sup>th</sup> September 2013.

### Papers Published

- A paper on ‘Mechanical and wear behaviour of 6351 Al/Gr/SiC composites fabricated by squeeze casting’, Materials Today Proceedings, Vol. 18P6, pp: 2107-2113, July 2019.
- A paper on Experimental investigation of Thermal conductivity of aluminium metal matrix composites’, pp: 341- 346, Vol.7, Issue 3, ISSN: 2321-9939, July, 2019.
- A paper on “Assessment of Mechanical and Tribological Properties of Aluminium Hybrid Metal Matrix Composites: A Review” published in RESEARCH REVIEW International Journal of Multidisciplinary, Volume-04, Issue-05, May-2019.
- A paper on “Effect of alkaline treatment on mechanical properties of kenaf fiber reinforced polyester composites” and was published in American Institute of Physics- AIP Conference Proceedings 1943, 020097 (2018); doi: 10.1063/1.5029673.
- A research paper on “CFD analysis on concentric tube heat exchanger in parallel and counter flow direction” and was published in the Journal of Engineering Research and Application- ISSN : 2248-9622, Vol. 8, Issue 6 (Part -II) June 2018, pp 20-25.
- A research paper on "Synthesis, Characterization and Deformation Studies of Blast Furnace Slag Particles Reinforced Aa2024 Composite”, was published in Journal of Thin Films, Coating Science Technology and Application, Vol.3, Issue 3, pp 31-43, ISSN: 2455- 3344, 2016.
- A research paper on "Design of Back stopper Mechanism for Automobiles" ,was published in the International Journal of Engineering Trends and Technology (IJETT), Vol.40,ISSN:2231-5381, Oct.2016.

- A research paper on "Investigation of Mechanical Properties of Al356 Metal Matrix Composites" and was published in the International Journal of Engineering Trends and Technology - IJETT Oct, 2016.

### Conferences Attended:

- Presented a paper on “**Mechanical and Wear behaviour of 6351 Al/Gr/SiC composites fabricated by Squeeze casting**”, conducted by Department of Mechanical Engineering, S.R.K.R Engineering College, Bhimavaram on 27-28<sup>th</sup> March 2019.

### Subjects Taught:

1. Engineering Graphics
2. Operations research
3. Operations management
4. Industrial Engineering and Management
5. Mechatronics
6. Workshop technology

### Other duties

- Department library in-charge
- N.S.S
- Newsletter Committee
- First year hostel committee

### Personal Profile

Name : Sneha. H. Dhoria  
Father Name : Haresh. R. Dhoria  
Date of Birth : 14th July 1987  
Marital Status : Single  
Language Proficiency : English, Telugu & Hindi and Gujarathi  
Permanent address : SNEHA. H. DHORIA,  
D/O. HARESH. R. DHORIA,  
C/O SRI LAKSHMI BALAJI CYCLE & AUTO STORES,  
D.NO:4-16-464A,  
AMARAVATHI ROAD,  
GUNTUR –522002.

I hereby declare that all the details furnished above are true to the best of my knowledge.

Place: GUNTUR

(SNEHA.H. DHORIA)