

Dr. M.R.Ch. SASTRY

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ACADEMIC QUALIFICATIONS:

- ❖ Ph.D (2016) : Impingement Heat Transfer.(JNTUH , Hyderabad)
- ❖ M.Tech (1998) : Industrial Metallurgy (REC Warangal)
- ❖ B.Tech (1996) : Mechanical Engineering (Krishnadevaraya University,Ananthapur)

AREAS OF INTEREST:

Thermodynamics, Fluid Mechanics, Heat transfer and CFD

CERTIFICATIONS:

- ❖ Completed AICTE QIP PG certification programme in “**Machine Learning**” from Indian Institute of Information Technology (IIIT), Raichur in December, 2024.

NO OF PH.D. SCHOLARS GUIDED/GUIDING:

- ❖ **Guided: 01**
- ❖ **Guiding: 03**

PROFESSIONAL EXPERIENCE:

Designation	Institution	Period
Professor & Vice-Principal (Academics)	Gudlavalleru Engineering College, Gudlavalleru.	December 2020 to till date
Professor & Head	Gudlavalleru Engineering College, Gudlavalleru.	July 2017 to Nov.2020
Professor	Gudlavalleru Engineering College, Gudlavalleru.	July 2016 to June 2017
Associate Professor	Gudlavalleru Engineering College, Gudlavalleru.	August, 2005 to June 2016
Assistant Professor	Gudlavalleru Engineering College, Gudlavalleru.	October,1998 to August, 2005

PAPERS PUBLISHED IN JOURNALS:

- ❖ A paper entitled, “Experimental and numerical study of fluid flow and heat transfer in the impinging of inline round jets”, was published in Journal of Thermal Engineering, Vol. 11, Issue 1, January 2025, pg. 270-289, DOI: 10.14744/thermal.0000918 (Indexed in Scopus and ESCI), Impact factor - 1.1
- ❖ A paper entitled “Estimation of temperature in a computer mother board with discrete heat sources by numerical analysis” was published in international journal of engineering in computer science, 2024; 6(2): 179-186.
- ❖ A paper entitled “Thermodynamic simulation study on compression ignition engine operating with oil obtained via catalytic pyrolysis of waste polythene covers”, was published in Sustainable Chemistry for Climate Action, Volume 4,2024,100041, ISSN 2772-8269, Elsevier, <https://doi.org/10.1016/j.scca.2024.100041>.
- ❖ A Paper entitled “Heat transfer prediction in impinging jets using artificial neural networks” was published in JP Journal of Heat and Mass Transfer, 2023/11/21,Vol 36, Pg No 103-142.
- ❖ A paper entitled ” Numerical Analysis Of The Fluid Flow And Heat Transfer Characteristics Of Impinging Air Jets, was published in Journal of Engineering Science and Technology, 2023, Vol 18,Pg No. 2091-2108.
- ❖ A paper on “Experimental study on a computerised VCR diesel engine running on oil made by pyrolyzing waste plastic using Red mud as a catalyst” was published in Green Analytical Chemistry, Volume5,2023,100054, ISSN27725774, <https://doi.org/10.1016/j.greeac.2023.100054>.
- ❖ A Paper on “Simulation Studies of Heat Transfer by Natural Convection from an Isothermal Rectangular Cylinder Using ANSYS Fluent.” In: Palanisamy, M., Ramalingam, V., Sivalingam, M. (eds) Theoretical, Computational, and Experimental Solutions to Thermo-Fluid Systems. Lecture Notes in Mechanical Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-33-4165-4_9 (Indexed in Scopus)
- ❖ A paper entitled “Experimental study on Catalytic Pyrolysis of Plastic waste using Low cost Catalyst”, Materials Today: Proceedings, Elsevier, Volume 45, Part 7,2021,Pages7216-7221.
- ❖ A paper entitled, “Improvement in heat transfer rate of a pipe using various types of inserts”,was published in American Institute of Physics(AIP)conference proceedings. December 2020, 2311,ISSN 090020-10.(Scopus Indexed and Web of science)
- ❖ A paper entitled “Simulation studies of heat transfer by natural convection from an isothermal rectangular cylinder using ANSYS Fluent, Theoretical, computational and experimental solutions to Thermo-fluid systems”, was published in Lecture notes in Mechanical Engineering, Springer nature, Chapter-9, pp. 81-92, 2021, ISSN:2195-4356.
- ❖ A paper entitled “Analysis on Mechanical and Metallurgical properties of A356 based metal matrix hybrid composites”, was published in Journal of Mechatronics Machine Design and Manufacturing, Vol. 1, Issue 01, 2019
- ❖ A paper entitled “Analysis of Mechanical Behavior of AL 6063- Cotton Shell Ash and SiC METAL Matrix Composites using Stir Casting”, was published in Journals of Mechatronics Machine Design and Manufacturing, Volume 1, Issue 1, 2019
- ❖ A Paper on “Characterization of mechanical and tribological properties of aluminum alloy based hybrid composites reinforced with cotton shell ash and silicon carbide”, was published in International Journal of Latest Engineering Science, Vol. 2, Issue 4, July 2019, ISSN: 2581-6659
- ❖ A paper entitled “Effect of SiC and Zinc sterate on the mechanical and metallurgical characterization of functional graded material using powder metallurgy”, was published in International Journal for Research in Applied Science and Engineering Technology, Vol. 7, Issue 6, June 2019, ISSN: 2321-9653

- ❖ A paper entitled “Characterization of Al 6061-Coconut shell ash metal matrix composites using Stir casting”, was published in International Journal of Latest Engineering Sciences, Vol. 02, Issue 03, May 2019, ISSN: 2581-6659
- ❖ A paper entitled “Investigating the influence of cotton shell ash – SiC weight percentage on the mechanical behavior of aluminum alloy based hybrid composite”, was published in International Journal for Research in Applied Science and Engineering Technology, Vol. 7, Issue 5, May, 2019, ISSN: 2321-9653
- ❖ A paper entitled “Design and Characterization of Functionally Graded Aluminum Metal Matrix with SiC Reinforcement using powder metallurgy”, was published in International Journal of Mechanical and Industrial Technology, Vol. 7, Issue 1, April 2019, ISSN: 2348-7593
- ❖ A paper entitled “Investigation on Mechanical characterization of Al-6063 MMCs with reinforcements of SiC, TiO₂, ZnCl₂ by using stir casting”, was published in International Journal for Research in Applied Science and Engineering Technology, Vol. 7, Issue 3, March 2019, ISSN :2321-9653
- ❖ A paper entitled “Development and characterization of Al-6061 Zirconium dioxide reinforced metal matrix composites by stir casting”, was published in International Journal for Research in Applied Science and Engineering Technology, Vol. 7, Issue 3, March 2019, ISSN :2321-9653 (UGC Approved Journal)
- ❖ A paper entitled, “An Experimental Investigation of Heat Transfer Characteristics in Tapered Cylindrical Fins under Natural and Forced Convection”, was published in International Journal of Research and Analytical Reviews, March 2019, Volume 6, Issue 1, ISSN: 2349-5138
- ❖ A paper entitled “An experimental investigation of heat transfer characteristics in plain and tapered spines”, was published in International Journal of Research in Advent technology, Vol 7, Issue 3, March 2019, ISSN: 2321 - 9637
- ❖ A paper entitled “Experimental Investigation of Mechanical Properties of Lady Finger Glass Reinforced Polyester Composites”, was published in International Journal of Research in Advent Technology, March 2019 e-ISSN: 2321-9637, pp. 255-259
- ❖ A paper published on “Experimental Investigation on the performance of Vortex Tube”, Advanced Materials Research, Vol. 1148, June 2018.
- ❖ A paper published on “Experimental Investigation on VCR DI Diesel Engine Fuelled with Dual Bio – diesel Blends of Palm and Jatropha”, International Journal of Modern Trends in Engineering and Research (IJMTER), Vol. 4, Issue. 8, August 2017.
- ❖ A paper published on “Vortex Flow over the flat plate and backward facing step”, IOSR Journal of Engineering (OSRJEN), Vol. 7, Issue 4, April 2017.
- ❖ A paper published on “Experimental and computational study of fluid flow on a flat plate with three rectangular impinging slot jets”, Indian Journal of Engineering & Materials Sciences, Vol. 22, Dec 2015.
- ❖ A paper published on “Study of fluid flow on a flat Plate with Multiple Rectangular impinging slot Jets” International Journal of Engineering trends and Technology (IJETT), Volume 13 Number 2 ISSN: 2231-5381 pp86-92.
- ❖ A paper published on “Simulation Studies on Two- Dimensional Electronic Board with Multiple non identical Heat Sources” Applied Mechanics and Material Vols. 592-594(2014) pp 17769-1783.
- ❖ A paper published on “Fluid Flow and Heat Transfer Analysis of Laminar Multiple Square Jets impinging on a Flat Plate”, International Journal of Engineering Research & Applications,

ISSN: 2248-9622, Vol. 2, Issue 6. 2012

- ❖ A paper published on “Fluid Flow and Heat Transfer Analysis of Turbulent Multiple Circular Jets Impinging on a Flat Plate”, International Journal of Engineering Research & Applications, ISSN: 2248-9622, Vol. 2, Issue 5, pp. 1976-1985. 2012.
- ❖ A paper published on “Comparative Analysis of Performance and Emissions of an Engine with Palm Oil Biodiesel Blends with Diesel”, International Journal of Engineering Science and Technology, Vol. 3, Issue 3, 2011.

PAPERS PUBLISHED IN CONFERENCES/WORKSHOPS:

- ❖ A paper has presented on “Evaluation of Mechanical Properties of Almond Shell fly ash E-glass and their hybrid reinforcement in Al 6082”, at International Virtual Conference on Recent Innovations in Science, Engineering & Technology organized by M Kumarasamy College of Engineering, Thalavapalayam during 03-07-2020 to 04-07-2020
- ❖ A paper has presented on “Fluid flow and heat transfer analysis of laminar multiple elliptical Jets impinging on a flat plate”, at International Conference on Innovations in Thermo-fluid Engineering and Sciences (ICITFES-2020) National Institute of Technology, Rourkela during 10th – 12th February, 2020
- ❖ A paper has presented on “Simulation studies of heat transfer by natural convection from an Isothermal rectangular cylinder using ANSYS Fluent”, at International Conference on Innovations in Thermo-fluid Engineering and Sciences (ICITFES-2020) National Institute of Technology, Rourkela during 10th – 12th February, 2020
- ❖ A paper presented on “Experimental Investigation of Flow Over Different Geometrical Objects in an Open Channel”, in National Conference on Emerging Trends in Mechanical Engineering (ETME 2019) conducted by Department of Mechanical Engineering, National Institute of Technology, Warangal, Telangana State, Sponsored by TEQIP – III during 9th – 10th January 2019.
- ❖ A paper presented on “Study of Fluid Flow on a Flat Plate with Rectangular Impinging Slot Jet” at 7th International and 45th National Fluid Mechanics and Fluid Power Conference (FMFP – 2018) organized by IIT Bombay, Mumbai during 10th – 12th December 2018.
- ❖ A paper presented on “Vortex Flow over the Flat Plate and Backward Facing Step”, is presented in International Conference on Emerging Multidisciplinary Research and Computational Intelligence – 2016 organized by Dhumra Mahate Information and Communications Technology Associates and S.R.K.R. Engineering College, Bhimavaram on 15th – 16th December 2016.
- ❖ A paper presented on “Thermodynamic Modeling of Rice Husk Gasification” In International Conference on Energy and Sustainability in Engineering Systems (ICESSES2014) at department of mechanical engineering, Coimbatore Institute of Technology, Coimbatore during 16th to 18th December, 2013
- ❖ A paper presented on “CFD Analysis of Heat Transfer on a Flat Plate with Semi - Confined Circular Impinging Jet” in National conference on Innovations in Engineering & Technology (NCIET 2013) at Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru on 27th-28th December, 2013.
- ❖ A paper presented on “CFD Analysis of Laminar Multiple Square Jets Impinging on a Flat

Plate” International conference on Innovations and Emerging Trends in Mechanical Engineering at Dept. of Mechanical Engineering & Technology, Bangalore on 11th may, 2012

- ❖ A paper presented on “Study of fluid flow on a flat plate with five rectangular impinging jets” in national conference on Fluid Mechanics and Fluid Power (MCFMFP-2012) at National Institute of Technology, Surat on 15th-17th December, 2012.
- ❖ A paper presented on “Study of fluid flow on a flat plate with three rectangular impinging jets” in national conference on Fluid Mechanics and Fluid Power (MCFMFP-2011) at Maulana Azad National Institute of Technology, Bhopal on 15th-17th December, 2011.
- ❖ A paper presented on “Study of fluid flow on a flat plate with multiple rectangular impinging jets” Recent Advances in Mechanical Engineering (NCRAME) at R.V.R.&J.C College of Engineering, Guntur during 7th-8th July, 2011.

LIST OF WORKSHOPS ORGANIZED:

- ❖ Coordinator for One Week AICTE-ISTE Sponsored Refresher Course in "Computational Fluid Dynamics" at Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru from 18th - 23rd June, 2018
- ❖ Coordinator for Two-week ISTE Workshop on “Fluid Mechanics” hosted by Dept. of Mechanical Engineering in association with IIT Kharagpur at Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru from May 20, 2014 to May 30, 2014.
- ❖ Coordinator for Two-Day Workshop on “Best Practices in Production” organized by Dept. of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru from 20th to 21st July, 2012.

LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:

- ❖ Participated in A Two- week Online Faculty Development Program on "**Advances in Mechanical Engineering**" from 02-12-2024 to 13-12-2024, organized by PVP Siddhartha Institute of Technology, Vijayawada.
- ❖ Participated in One Week Online Short Term Course on “**Computational Fluid Dynamics: Introduction and Applications**” from 04-07-2023 to 08-07-2023, organized by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar.
- ❖ Participated in One Week Virtual FDP on "Current Trends in Mechanical Engineering - Case studies from Industries and Academia to promote Innovation, Design thinking and startups" from 20-05-2024 to 25-05-2024, organized by Shri Vishnu College of Engineering for Women, Bhimavaram.
- ❖ Participated in One Week FDP on "**Smart Materials and Research Opportunities**" from 27-05-2024 to 31-05-2024, organized by Vasireddy Venkatadri Institute of Technology, Nambur.
- ❖ Participated in One Week Online FDP on “**Advancements in Thermal and Renewable Energy Technologies**” from 04-07-2022 to 9-07-2022, organized by Lakireddy Bali Reddy College of Engineering, Mylavaram.

- ❖ Participated in Faculty development Programme on "**Advances in 3-D printing and Making techniques**" from 13-12-2021 to 18-12-2021, organized by Pragati Engineering College, Peddapuram.
- ❖ Participated in one-week AICTE sponsored ATAL FDP on "**Machine Learning and its prospects in Manufacturing & Industry 4.0**" from 10-02-2025 to 15-02-2025, Organized by Department of Mechanical engineering, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated in Online Faculty Development Programm on "**Machine Learning Applications in Mechanical Engineering**" from 03-02-2025 to 14-02-2025, Organized by Department of Mechanical engineering, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru in association with I&CT NIT Warangal.
- ❖ Participated in one-week online Faculty Development Programme on "**Applications of Artificial Intelligence and Machine Learning in Mechanical Engineering**" from 06-2023 to 10-03-2023, Organized by Department of Mechanical engineering, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated in Two-week Skill Development Programme on "**CATIA**", from 18-07-2022 to 30-07-2022, Organized by Department of Mechanical engineering, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated in one-week Virtual Faculty Development program on "**Emerging trends in Mechanical Engineering**", from 20-06-2022 to 26-06-2022, Organized by Department of Mechanical engineering, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated in One Week Faculty Development Programme on "**Recent Trends in Thermal Engineering**", from 06-09-2021 to 10-09-2021, Organized by Department of Mechanical engineering, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated in three-day Online Faculty development program on "**Recent trends in Electric Vehicles-Phase-I**" from 17th to 19th March,2021, Organized by Department of Mechanical engineering, Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated in two-day Faculty development program on "**Design and Analysis of Experiments**" on 30th August, 2019 at Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated in the NPTEL Workshop conducted by IIT Madras at Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru on 06.12.2018.
- ❖ Participated in Two - Day Faculty Development Program on "**Advances in Manufacturing**" organized by Dept. of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru from 16th – 17th November, 2018.
- ❖ Participated in IE(I), APSC sponsored One - Day Workshop on "**Characterization of Metal Matrix Composites**" organized by Dept. of Mechanical Engineering Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru on 11th August, 2018.

- ❖ Participated in AICTE-ISTE sponsored One - Week Refresher Course in “Computational Fluid Dynamics” organized by Dept. of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru from 18th – 23rd June, 2018.
- ❖ Participated in One – Week Faculty Development Program on “Computational Fluid Dynamics” organized by Dept. of Mechanical Engineering, VVIT, Pedakakani, Guntur Dist. from 29th April – 3rd May, 2018.
- ❖ Participated in Two - Day Training / Orientation on “MATLAB, Mimulink & Related Tool Boxes” organized by Capricot Technologies Pvt., Ltd., Authorized distributors of Math Works for the state of Andhra Pradesh at Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru from 8th – 9th February, 2018.
- ❖ Participated in Two - Day Faculty Development Program on “MATLAB and Its Applications” organized by Dept. of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru from 8th – 9th February, 2018.
- ❖ Participated in One - Day Workshop on “Out Come Based Education” organized by Dept. of Mechanical Engineering Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru on 9th December, 2017
- ❖ Participated in One – Week Faculty Development Program on “Advances in Mechanical Engineering” organized by Dept. of Mechanical Engineering, VVIT, Pedakakani, Guntur Dist., from 23rd – 27th October, 2017.
- ❖ Jury Member in District Level 44th Jawaharlal Nehru National Science, Mathematics and Environment Exhibition – 2016 held at Father Bianchi Girls High School, Gudivada from 30th November, to 1st December, 2016.
- ❖ Participated in One – Week Coordinators’ Workshop on “Fluid Mechanics” conducted by Indian Institute of Technology, Kharagpu from 11th – 15th March, 2014.
- ❖ Participated in Two – Week ISTE Workshop on “Engineering Mechanics” conducted by Indian Institute of Technology, Bombay from 26th November, – 6th December, 2013.
- ❖ Participated in One - Day Workshop on “Thermodynamic Solutions and Practice Using MATLAB” organized by Dept. of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru on 18th February, 2013.
- ❖ Participated in One - Day Workshop on “DFX – Product Design Excellence” organized by Dept. of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru on 17th September, 2012.
- ❖ Participated in the International Workshop on “Challenges and Prospects in Power Generation Systems Using Biomass” organized by CO₂ Research and Green Technologies Centre, School of Mechanical and Building Sciences, VIT University, Vellore from 27th – 28th July, 2012.

- ❖ Participated in Two-Day Workshop on “Best Practices in Production” organized by Dept. of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru from 20th to 21st July, 2012.
- ❖ Participated in a Two – Week ISTE Workshop on “Computational Fluid Dynamics” conducted by Indian Institute of Technology Bombay at PVPSIT, Vijayawada from 12th to 22nd June, 2012. This workshop was held under the National Mission on Education through ICT (MHRD)
- ❖ Participated a Three Day Internal Faculty Development Programme on “Engineering Drawing” conducted by Dept. of Mechanical Engineering and Civil Engineering from 22nd to 24th November, 2011.
- ❖ Participated in AICTE Sponsored Two - Day Seminar on “Applications of Finite Element Methods in Engineering” organized by Dept. of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru from 8th – 9th July, 2011.
- ❖ Participated in One Day Workshop on “Computational Fluid Dynamics” organized by the Dept. of Mechanical Engineering, LBRCE, Mylavaram on 18th March, 2011.
- ❖ Participated in One – Day Workshop on “Current Trends in Biofuels” ” organized by Dept. of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru on 23rd October, 2010.
- ❖ Participated in AICTE sponsored Faculty Development Program on “Integration of Computer based Methodologies in Mechanical Engineering Systems” (ICMMES 09) conducted by the Dept. of Mechanical Engineering MVGR College of Engineering, Vizianagaram from 25th May to 6th June, 2009.
- ❖ Participated in Two – Day Workshop on “Computational Fluid Dynamics: Basics & Applications” organized by the Dept. of Mechanical Engineering, BVC Engineering College, Odalarevu, Amalapuram from 5th – 6th April, 2008.
- ❖ Participated in AICTE Sponsored Three – Day National Seminar on “Applications of Optimization Techniques in Mechanical Engineering” organized by the Dept. of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru from 18th – 20th January, 2008.
- ❖ Participated in the Short – Term Training Programme on “Computational Fluid Dynamics” conducted by Dept. of Mathematics and Humanities, NIT, Warangal from 15th – 19th January, 2007.
- ❖ Participated in the Workshop on “Computational Methods in Engineering” jointly organized by Dept. of Mechanical Engineering and Chemical Engineering, GMR Institute of Technology, Rajam from 7th – 8th October, 2006.
- ❖ Participated in the Short – term Course under Quality Improvement Programme on

“Instructional Design and Delivery” conducted by National Institute of Technical Teachers Training & Research, Chennai Government of India Ministry of Human Resource Development from 3rd – 8th July, 2006.

- ❖ Participated in Two – Day Workshop on “Robotics & Automation” organized by Dept. of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, from 9th – 10th February, 2007.
- ❖ Participated in Short term refresher course under Quality Improvement Programme for Engineering Faculty on “Applied Thermodynamics” conducted by LBRCE, Mylavaram from 5th – 9th December, 2005.
- ❖ Participated in AICTE Sponsored One – Day National Level Workshop on “Biodiesel – The Future Fuel” organized by the Dept. of Mechanical Engineering, G. Pulla Reddy Engineering College, Kurnool on 20th November, 2004.
- ❖ Participated in the Short – term intensive course on “Finite Element Methods” conducted by the Dept. of Mechanical Engineering, Vignan’s Engineering College from 12th – 16th May, 2003.
- ❖ Participated in the Short Course on “Instructional Design and Delivery” conducted by Technical Teachers Training Institute, Chennai from 21st - 26th April, 2003
- ❖ Participated in the short course on “Compact Heat Exchangers” by Dr. Ramesh K. Shah, Sr. Staff Research Scientist, Delphi Harrison Thermal Systems, Lockport, NY 14094-1896, USA & Visiting Professor, College of Engineering, GITAM organized by College of Engineering GITAM, Visakhapatnam from 5th – 6th March, 2001.
- ❖ Participated in the short – Term Training Program under QIP on “Fatigue and Fracture Related Life Prediction Techniques” conducted by Dept. Applied Mechanics & Mechanical Engineering, Indian Institute of Technology Madras, Chennai from 27th November, 2000 to 1st December, 2000.
- ❖ Participated in One – Day Workshop on “Flexible Automation in Manufacturing” organized by the Dept. of Mechanical Engineering, V.R. Siddhartha Engineering College, Vijayawada on 17th December, 1999.
- ❖ Participated in Refresher course on “Engineering Graphics & Engineering Mechanics” organized by ISTE, A.P. Section at JNTU Hyderabad from 21st – 31st October, 1998.

GUEST LECTURES DELIVERED:

- ❖ A Guest Lecture on “Computational Fluid Dynamics” at PBR Visvodaya Institute of Technology, Kavali on 4th October 2018.
- ❖ A Guest Lecture on “Computational Fluid Dynamics using ANSYS, MATLAB & C Programming” at Andhra Loyola Institute of Engineering and Technology, Vijayawada on 7th June 2018.

MEMBERSHIP IN PROFESSIONAL BODIES:

- ❖ MISTE
- ❖ MIE
- ❖ FMFP

GRANTS FETCHED:

- ❖ Received a grant of Rs. 3.00 Lakhs from AICTE – ISTE for One Week Refresher Course on “Computational Fluid Dynamics” during 18th - 23rd June, 2018
- ❖ Received In – House R & D grant of Rs. 0.18 Lakhs for the project titled “Studies on Flow Visualization of Jet Impengement” during Ac.Yr. 2013-2014.
- ❖ Received In – House R & D grant of Rs. 0.18 Lakhs for the project titled “Analysis of Cold Flow Fluidization Test Results for Various Biomass Fuels” during Ac.Yr. 2007-2018.

