

CURRICULUM VITAE



1. Name : **Dr.T.Nagaveni**
2. Designation : Professor
3. Date of Birth : 21th August, 1984
4. Institution : University College of Engineering (Autonomous)
Osmania University, Hyderabad, Telangana
5. Department : Mechanical Engineering
6. Field of Specialization : Production Engineering, Composites
Processing, Genetic Programming, Machining
7. Address for Correspondence : Department of Mechanical Engineering
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8. Academic Qualifications:

Degree	Institute/University	Specialization/ Title	Year of Pass	Division
B.E	University College of Engineering Osmania University	Mechanical Engineering	2005	FIRST CLASS WITH DISTINCTION
M.E	University College of Engineering Osmania University	Production Engineering	2008	FIRST CLASS WITH DISTINCTION
Ph.D	National Institute of Technology Warangal	Characterization, Modeling and Optimization of Gelcasted Si ₃ N ₄ based ceramic composites	2017	-----

9. Number of Publications:

International Journals: 21

Conference Proceedings: 18

Book Chapters: 07

10. Number of PhD Students: 03(1 Submitted, 2 Ongoing)

11. Number of M.E. Projects Guided: 76

12. Number of Guest Lectures delivered: 33

13. Teaching Experience: 18 Years

S.No.	Positions held	Name of the Institute	From	To	Pay Scale
1.	Assistant Professor	University College of Engineering, Osmania University	08.06.2007	07.06.2012	AGP 6000
2.	Assistant Professor (Senior Scale)	University College of Engineering, Osmania University	08.06.2012	07.06.2017	AGP 7000
3.	Assistant Professor (Senior Scale)	University College of Engineering, Osmania University	08.06.2017	07.06.2020	AGP 8000
4	Associate Professor	University College of Engineering, Osmania University	08.06.2020	06.03.2024	AGP 9000
5	Professor	University College of Engineering, Osmania University	07.03.2024	Till Date	AGP 10000

14. Fellowships:

S.No	Name of the Fellowship	Funded by Organization Name	Year
1.	GATE Scholarship	AICTE	2006
2.	QIP Fellowship	AICTE	2012-2015

15. Courses taught at PG and UG :

U.G.Theory	U.G. Laboratory
Metallurgy and Material Engineering Production Drawing Machine Drawing Materials Engineering Tool Design	Metallurgy Lab Work Shop Practice Manufacturing Processes lab Materials Engineering Lab
P.G.Theory	P.G. Laboratory
Product Design and Process Planning Experimental Techniques and Data Analysis Tool Engineering Material Science and Technology Research Methodology in Mechanical Engineering	Computational Lab Production Engineering Lab Seminar

16. Membership of Professional Bodies

- Life Member, Indian Science Congress Association
- Life Member, Powder Metallurgy Association of India

- Life Member, International Association of Engineers(IAENG)
- Membership Number: SAEINDIA, Membership No : 7210410230
- Member, The Institution of Engineers (India). , Membership No :M-1735041

17. Research Profiles:

Sl. No	Particulars	Registration Number
1.	Google Scholar ID & Citations, H-Index, I-10 Index	dRWYEvGAAAAJ 126, h-index: 4, i10 index: 1
2.	Scopus ID	56820201000
3.	Web of Science	GQQ-1790-2022
4.	INFLIBNET-VIDWAN ID	500912
5.	ORCID	0000-0002-2507-5039

18. Details of PhD Students:

S.No	Name of the Student	Roll Number	Title of the thesis	Status
1	Ms.Syeda Romana	100520186018	Development and characterization of magnesium metal matrix composite reinforced with Hydroxyapatite and Tricalcium phosphate :A comparative study of stir casting and Friction stir processing	Submitted and received three reports from examiners
2	Shravan G	100520236008	Development and Characterization of Hybrid Aluminium 8081 Metal Matrix Composites with Zirconia and Alumina Reinforcements using Stir Casting and Friction Stir Processing'	Ongoing
3	V. Rajashekar	100520236023	Parametric Analysis of Titanium Alloy Using Abrasive Jet Machining Process	Ongoing

19. Research Projects : 01

PI& Co-PI	Name of the Project	Funding Agency	Project	Amount (Rs.)	Remarks
Prof.K.Saraswathamma & Dr T Nagaveni	Optimization of Machining Parameters for 3D and 4D Carbon-Carbon Composites	Advanced Systems laboratory, DRDO, Hyderabad	CARS Project	19,80,861	Sanctioned/ Ongoing
Prof.B.Hadya & Dr T Nagaveni	Development Of Indigenous 3D Printing Powder and SLM Process Optimization for Aluminium 2024 Alloy	Composite Product Development Centre, ASL, Hyderabad	CARS Project	20,00,000	Submitted with revisions

20. Administrative Responsibilities:

- **QIP Coordinator**, University College of Engineering,OU (August 2025-till date)
- **Overall Timetable Coordinator**, University College of Engineering,OU (August 2025-till date)
- **Associate Director**, UGC-Malaviya Mission Teacher Training Centre, (Formerly UGC- Human Resource Development Centre), Osmania University (November 2022–August 2025)
- **Faculty Advisor**, MECHARENA 2024and MECHARENA 2020- a National Level Student Technical Symposium &MEGA MEMOIR 2024
- **Member**, Departmental Research Committee, Department of Mechanical Engineering, UCE, OU (2022–till date)
- **Vice President**, University College of Engineering Alumni Association, UCE, Osmania University (2021-till date)
- **Selection Committee Member**, John Bauer College of Hotel Management & Catering Technology, Secunderabad (2023-2025)
- **Selection Committee Member**,Avinash College of Commerce, Kukatpaly (2023-2025)
- **Coordinator**, Alumni Affairs, UCE,OU
- **Faculty Advisor**,Society of Automotive Engineering (SAE) Club, UCE,OU BAJA SAEINDIA 2022
- **Departmental Start-up facilitator**,Start up activities
- **Advisory Committee Member**, SC/ST Cell, Osmania University (2021–2024)
- **Joint Director (PG)**, Examination Cell, University College of Engineering, OU (2021–December 2022)
- **Faculty Adviser**, M.E. (Production Engineering) (2021–till date)
- **Coordinator**,Technical Magazine
- **Member**,Quality Monitoring Cell- College level(2021)
- **In-charge**, Metallurgy Lab, Department of Mechanical Engineering, UCE (2017–till date)
- **Faculty Adviser**, M.E. (CAD/CAM) (2020–till date)
- **Coordinator**, Induction Program for B.E. I Semester Students (2022-23,2021-2022 &2020–2021), University College of Engineering, Osmania University
- **In-charge**, PTPG Admissions (2020–2021), Department of Mechanical Engineering, University College of Engineering, OU
- **Handbook Coordinator** (2020–2021), University College of Engineering, Osmania University
- **Faculty Adviser**, M.E. (Tool Design) (2018–2020)
- **Department Coordinator**, ERP Cell, University College of Engineering, Osmania University (2018–2020)
- **Coordinator**, B.E. Summer Internship and Project Works (2018–2020)
- **Department Coordinator**, Induction Program for B.E. I Semester Students (2019–2020), University College of Engineering, Osmania University
- **Single Point of Contact (SPOC)**, NASSCOM Examinations, University College of Engineering, OU (2019)
- **Member**, Departmental Committee, Department of Mechanical Engineering, UCE, OU (2019–till date)
- **Equity Action Plan Coordinator**, Technical Education Quality Improvement Programme of Government of India (TEQIP III) 2017
- **Member**, Board of Studies, Department of Mechanical Engineering, UCE, OU
- **Subject Expert**, Selection of Assistant Motor Vehicle Inspector for APPSC (February 13th, 16th–18th, 2012)

- **B.E. & M.E. Timetable Incharge**, Department of Mechanical Engineering, UCE(A) (2007–2012) (2017–2020)

21. Reviewer for Journals:

- Journal of Alloys and Compounds published by Elsevier
- Journal of Scientific Research and Reports
- Life Cycle Reliability and Safety Engineering
- Reviewer for 2nd International Conference on Emerging Trends in Engineering and Technology organized by OUCE Alumni Association, University College of Engineering, Osmania University, Hyderabad **April 28-30 , 2023**

22. Awards received:

- **Nagaveni Thallapalli** obtained a **Best paper award** for presenting a paper titled “Investigation on the micro-structure and mechanical properties of copper based surface composites fabricated by friction stir processing” in the International conference on Advanced Light Weight Materials & Structures, March 06-07th, 2020, CMR Technical campus, Hyderabad.

23. Honors Received:

- Selected as Subject expert by AP Public Service Commission for the selection of Asst. Motor Vehicle Inspector for APPSC on Feb 13th, 16th- 18th, 2012.
- Selected as Jury member by Government of Telangana State Department of School Education at State Level Science, Mathematics and Environment Exhibition-2019 (SLSMEE) at K.B.School, Ranga Reddy Dist on 30th December, 2019
- Judge for SMART INDIA HACKATHON – 2025 organized by Department of Business Management, Osmania University on 11 September 2025

24. NPTEL Courses Completed:

- **Dr Nagaveni T** successfully completed NPTEL course on “Introduction to Research” organized by NPTEL, AICTE Faculty Development Programme, Government of India in 2019.
- **Dr Nagaveni T** successfully completed NPTEL course on “Product Design using Value Engineering” organized by SWAYAM, Government of India in 2022.

25. Details of Publications :

1. **Nagaveni Thalapalli**, G. Ramaguru, Saraswathamma Konapalli, , Atul Ramesh Bhagat, “Investigation of Drilling Performance and Tool Wear in 3D Pierced Fabric Carbon–Carbon Composites under varying Machining Parameters” (Draft prepared)
2. Saraswathamma Konapalli, G. Ramaguru, **T. Nagaveni**, Atul Ramesh Bhagat, “Effect of machining parameters on the tool wear in drilling of 3D PF C/C composite” Journal of the Institution of Engineering (India): Series C Mechanical, Production , Aerospace and Marine Engineering (communicated)

3. Syeda Romana, **T. Nagaveni**,(2025) “Corrosion Measurement and Hardness Test of Magnesium- Tri Calcium Phosphate Composite Fabricated by Stir Casting” . *Journal of Polymer and Composites* vol 13(03) :436-447 . <https://doi.org/10.37591/JOPC.v13i03.213850>
4. Syeda Romana and **Nagaveni Thallapalli**,(2024) “Mechanical Characterization of Magnesium Hydroxyapatite Surface Composite Fabricated by Friction Stir Processing” *NanoWorld Journal* vol 10(S1)01-06 (Scopus ID: 21100926589)
5. **Thallapalli, Nagaveni**, and S. V. S. N. D. L. Prasanna. "Prediction of Solar Radiation Using Data Driven Models." *Journal of Physics: Conference Series*. Vol. 2332. No. 1. IOP Publishing, 2022.
6. Syeda, R., Laxminarayana, P., **Nagaveni, T.**, & Ahmed, N. (2022, November). Tribological characterization of stir-cast hybrid magnesium composite reinforced with Zirconium, Garnet and graphite particulates. In *AIP Conference Proceedings* (Vol. 2648, No. 1, p. 030019). In *American Institute of Physics Conference Series*
7. Padmalatha, T. S. R. V., **Nagaveni, T.**, Saraswathamma, K., Dinesh Kumar Reddy, T., & Ravali, O. (2022, November). Optimization of die sink EDM process parameters for the titanium alloys Ti6Al4V & Ti5553. In *AIP Conference Proceedings* (Vol. 2648, No. 1, p. 030021). . In *American Institute of Physics Conference Series*
8. Indira Dharavath, S. Srinu Naik , **T.Nagaveni** (2022) , Hwts/Hdc Methodology Of Waste Water Treatment By TiO_2 (Cavitations Technique) And Photo-Catalytic Nano-Particles , *Neuroquantology*, 20 (11)4604-4612 . DOI: 10.14704/NQ.2022.20.11.NQ66468
9. Dharavath, I., Naik, S. S., & **Nagaveni, T.** (2022). Analysis Study Of Textile Industries Waste Water Generation And Their Chemical Bond Through Hybrid Waste Water Treatment System. *Journal of Optoelectronics Laser*, 41(7), 792-797.
10. S. V. S. N. D. L. Prasanna And **Nagaveni Thallapalli**, “Application Of Data Driven Model for Prediction and Estimation of Evapotranspiration – A Case Study” *Advances And Applications In Mathematical Sciences* 21(6), Pages 3563-3575, 2022.
11. **Nagaveni Thallapalli**, Kishore Kumar Kandi, Renuka Batta, “Investigation on the micro-structure and mechanical properties of copper based surface composites fabricated by friction stir processing” *Materials Today: Proceedings*, 27(2),pp1774-1779, 2020 <https://doi.org/10.1016/j.matpr.2020.03.688>.
12. **Thallapalli Nagaveni.**, Balne V.K.G., Padmalatha T.S.R.V. (2020) “Modelling of Surface Roughness and Tool Wear Rate During Turning of AISI 202 Stainless Steel” *International Conference on Emerging Trends in Engineering (ICETE). Learning and Analytics in Intelligent Systems*, vol 2. (pp748-756) Springer, Cham. https://doi.org/10.1007/978-3-030-24314-2_88.
13. Kishore Kumar Kandi, **Nagaveni Thallapalli**, M Sandeep Kumar, C.S.P Rao, “Fabrication and parametric optimization of SiO_2 -BN gelcast ceramic composites using response surface methodology”, *Materials Today: Proceedings*, 18(7) pp 2298-2307, 2019 <https://doi.org/10.1016/j.matpr.2019.07.012>
14. K. L. Uday Kiran, **T Nagaveni** , K. Saraswathamma, AMK. Prasad, G. Chandra Mohan Reddy, “Multi-objective optimization of WEDM process parameters for taper cutting of AISI D2 tool steel” *International Journal of Engineering Technology* 7 (4-5) (2018) 703-706.(scopus indexed)

15. **T. Nagaveni** , “Design and Analysis of Draw Die for The Tail Gate Skirt Panel”, International Journal of Technical Innovation in Modern Engineering & Science 3, Issue 10(2017)
16. TSRV Padmalatha, **T Nagaveni**, K Chandravathi, K Saraswathamma, “Multi objective optimization Of micro-EDM drilling on Maraging steel by Genetic Algorithm” International Journal of Engineering Science and Technology, Vol. 9 , Issue No.03 (2017), 133-144.
17. T. Vijaya, S. Ram Mohan Rao, S. Srinu Naik, **T. Nagaveni**, V.Nanya and M.Nagabhushanam, “Growth, Characterization, Optical and Vibrational properties of Mg²⁺ doped Cd_{0.8}Zn_{0.2}S Semiconductor Compounds using Co-Precipitation Method” International Journal of Material Sciences and Technology, Volume 7, Number 1 (2017), pp. 1-16
18. TSRV Padmalatha, **T Nagaveni**, K Saraswathamma, “Optimization of Process Parameters for CNC EDM on OHNS tool steel using Desirability Function”, International Journal of Engineering Science and Technology, Vol. 9 , Issue No.03 (2017), 145-151.
19. **T.Nagaveni***, B.Laxmi, TSRV Padmalatha, K.Saraswathamma, “Influence of tool geometry and process parameters on performance characteristics of EN-19 steel in sink type EDM using Taguchi method” International Journal of Engineering Science and Technology, Vol. 9 No.05 May 2017.
20. **T.Nagaveni**, K.Kishore Kumar, C.S.P.Rao., "Preparation and characterization of Si₃N₄-BN ceramic composites by Gelcasting”, Material Science Research India, 13 (1), June 2016.
21. K.Kishore Kumar, **T.Nagaveni**, C.S.P.Rao, “Development of Silicon Nitride-Based Ceramic Radomes — A Review”, International Journal of applied ceramics technology, 12: 909–920 (2015). DOI: 10.1111/ijac.12305(**Impact factor: 1.165**).

26. International Conferences:

1. Radhika Lakkam and **Nagaveni Thallapalli**, Study of microstructure and properties of aluminium surface composite with eggshell powder and silicon nitride by friction stir processing at 1st International Conference on Advanced Materials and Manufacturing 18-19 December 2024 organized by JIS Institute of Advanced Studies and Research (JISIASR) Kolkata, JIS University.
2. Syeda Romana and **Nagaveni Thallapalli**, Mechanical Characterization of Magnesium-Tri Calcium Phosphate Composite Fabricated by Stir Casting at 2nd National Conference on Advances in Mechanical Engineering and Nanotechnology (AMENT2024) 23-24 August, 2024 organized by Department of Mechanical Engineering, University College of Engineering, Osmania University, Hyderabad
3. Syeda Romana and **Nagaveni Thallapalli**, ‘The Study of corrosion behaviour on Magnesium surface Composite’ at 2nd National Conference on Advances in Mechanical Engineering and Nanotechnology (AMENT2024) 23-24 August, 2024 organized by Department of Mechanical Engineering, University College of Engineering, Osmania University, Hyderabad
4. **Nagaveni** presented a paper title “ Die casting die design and simulation of gating system for ceiling fan rotor”, at 1st International Conference on Mechanical Engineering: Researches and Evolutionary Challenges -2023 conducted by National Institute of Technology, Warangal from 23-25 June 2023

5. **T.Nagaveni** presented a paper titled ‘Prediction of Solar Radiation using Data Driven Models’ at International Conference “Futuristic Research in Modeling of dynamical System” 04-05 May 2022 organized by CMR Institute of Technology, Bangalore
6. **Nagaveni Thallapalli** presented a paper titled “Tribological characterization of stir-cast hybrid magnesium composite reinforced with Zirconium, Garnet and graphite particulates” in Fourth International Congress On Advances In Mechanical Sciences: ICAMS 2021 organized by Department of Mechanical Engineering, Vardhaman College of Engineering, Hyderabad from 26–27 November 2021
7. **Nagaveni Thallapalli** presented a paper titled “ Design and Analysis of Hydraulic Machining Fixture for a Drifter Bit of a Top Hammer” in 3rd International Conference on Intelligent Manufacturing and Energy Sustainability” organized by Department of Mechanical Engineering, Malla Reddy College of Engineering & Technology, Hyderabad during June 18-19, 2021
8. **Nagaveni Thallapalli** presented a paper titled “ Design and Analysis of Progressive Tool for a Glass Bracket” in 3rd International Conference on Intelligent Manufacturing and Energy Sustainability” organized by Department of Mechanical Engineering, Malla Reddy College of Engineering & Technology, Hyderabad during June 18-19, 2021
9. **Nagaveni.T**, presented a paper “Computer-Aided Simulation, Topology Optimization and Manufacturing of Motorcycle Brake Lever By ABS Material Using FDM Technique” in the AICTE Sponsored online International Conference on “Materials, Manufacturing, Robotics, Automation, Artificial Intelligence and Networking for Industry 5.0” (ICM RAIN-2021) held at DEPARTMENT OF AERONAUTICAL ENGINEERING, Excel Engineering College, Tamil Nadu, India on 28th & 29th January 2021 Vol – 1 (ISBN Number: 978-81-951959-0-9)
10. **Nagaveni Thallapalli** presented a paper titled “Design and analysis of cap forward arm rest component” in the International conference on Advanced Light Weight Materials & Structures, March 06-07th, 2020, CMR Technical campus, Hyderabad
11. **Nagaveni Thallapalli** presented a paper titled “Investigation on the micro-structure and mechanical properties of copper based surface composites fabricated by friction stir processing” in the International conference on Advanced Light Weight Materials & Structures, March 06-07th, 2020, CMR Technical campus, Hyderabad
12. **T.Nagaveni**, B.Vinay Kumar Goud, T.S.R.V.Padmalatha, “Optimization of Turning Process Parameters on Surface Roughness and Tool Wear of 202 Stainless Steel” International Conference on Emerging Trends in Engineering, 22-23 March, 2019, University College of Engineering, Osmania University.
13. Kishore Kumar K, M.Sandeep kumar, **T.Nagaveni**, C.S.P.Rao, “Fabrication and parametric optimization of SiO₂-BN gelcast ceramic composites using response surface methodology” at 9th International Conference on Material Processing & Characterization,(ICMPC 2019), Gokaraju Rangaraju Institute of Engineering and Technology,Hyderabad, 8-10 March, 2019.
14. **T.Nagaveni**, C.S.P.Rao.,“Gel Casting of Si₃N₄-SiO₂ Ceramic Composites and Evaluation Characteristics’ at 1st International and 18th ISME Conference, February23 – 25, 2017, NIT Warangal.
15. **T.Nagaveni**, K.Kishore Kumar, S.Srinu Naik, C.S.P.Rao., “Study on stability of Si₃N₄- BN aqueous suspension using polyethylenimine as dispersant”, 8th International Conference on Chemical, Ecology and Environmental Sciences (ICCEES'2016) , Dubai (UAE), Jan. 12-13, 2016.

16. N.Sreekanth, **T.Nagaveni**, C.S.P.Rao., “Effect of monomer content and ratio of monomer content on porosity of Gelcasting composites”, 12th IRF International Conference, Bengaluru, India, 17th May 2015, Pp 61-66,
17. **T.Nagaveni**, K.Kishore Kumar, C.S.P.Rao., “Some Chemo-Rheological studies of aqueous Silicon Nitride suspensions in gelcasting process”, All India Manufacturing Technology Design and Research (AIMTDR) conference, IIT Guwahati, December 12-14th, 2014.
18. **T.Nagaveni**, K.Kishore Kumar, C.S.P.Rao., “Rheological studies of aqueous Silicon Nitride slurries in gelcasting process”, International conference on Chemical and Bioprocess Engineering, NIT Warangal, November 16-17th, 2013.

27. Books/Reports/Chapters/General articles etc.

1. Syeda, R., Laxminarayana, P., **Nagaveni, T.**, & Ahmed, N. (2022, November). Tribological characterization of stir-cast hybrid magnesium composite reinforced with Zirconium, Garnet and graphite particulates. In *AIP Conference Proceedings* (Vol. 2648, No. 1, p. 030019). In *American Institute of Physics Conference Series* <https://doi.org/10.1063/5.0114650>
2. Padmalatha, T. S. R. V., **Nagaveni, T.**, Saraswathamma, K., Dinesh Kumar Reddy, T., & Ravali, O. (2022, November). Optimization of die sink EDM process parameters for the titanium alloys Ti6Al4V & Ti5553. In *AIP Conference Proceedings* (Vol. 2648, No. 1, p. 030021). . In *American Institute of Physics Conference Series*
3. **Thallapalli Nagaveni**, Kumar K.L., Katepalli S.B.M. (2022) Design and Analysis of Progressive Tool for Glass Brackets. In: Reddy A.N.R., Marla D., Favorskaya M.N., Satapathy S.C. (eds) *Intelligent Manufacturing and Energy Sustainability. Smart Innovation, Systems and Technologies*, vol 265. Springer, Singapore. https://doi.org/10.1007/978-981-16-6482-3_17 pp167-176
4. Thallapalli Nagaveni., Sudheer Kumar Reddy G., Jaswanth Raju J., Manikanta Katepalli S.B., Chippe V. (2022) Design and Analysis of Hydraulic Machining Fixture for a Drifter Bit of a Top Hammer. In: Reddy A.N.R., Marla D., Favorskaya M.N., Satapathy S.C. (eds) *Intelligent Manufacturing and Energy Sustainability. Smart Innovation, Systems and Technologies*, vol 265. Springer, Singapore. https://doi.org/10.1007/978-981-16-6482-3_28
5. **Thallapalli Nagaveni.**, Balne V.K.G., Padmalatha T.S.R.V. (2020) “Modelling of Surface Roughness and Tool Wear Rate During Turning of AISI 202 Stainless Steel” International Conference on Emerging Trends in Engineering (ICETE). *Learning and Analytics in Intelligent Systems*, vol 2. (pp748-756) Springer, Cham. https://doi.org/10.1007/978-3-030-24314-2_88.
6. Kandi K.K., **Thallapalli Nagaveni.**, Sunder M., Vuda R. (2020) Design and Analysis of Cap Forward Armrest Component. In: Praveen Kumar A., Dirgantara T., Krishna P.V. (eds) *Advances in Lightweight Materials and Structures. Springer Proceedings in Materials*, vol 8 pp 145-153. Springer, Singapore. https://doi.org/10.1007/978-981-15-7827-4_14
7. T.Nagaveni, C.S.P.Rao., “Gel casting of Si₃N₄-SiO₂ ceramic composites and evaluation characteristics’ edited book on ‘**Mechanical Engineering for Sustainable Development: state-of-the-art research**’, edited by C.S.P.Rao, G. Amba prasad Rao, N. Selvaraj, P. S. C. Bose , pp297-308, Apple Academic Press, USA.

28. Guest Lectures delivered:

S.No	Details of Lecture	STTP/FDP Name	Name of the Organization	Date
1	Advance Trends in Mechanical Engineering	Online Six Day Faculty Development Program on “	Lords Institute Of Engineering and Technology ,Himayat Sagar, Hyderabad .	25.06.2020
2	Jury member at State level Science, Mathematics and Environment Exhibition-2019	KB School, Brahmanapalli Road, Abdullapurmet Mandal, RangaReddy	The State Council of Educational Research and Training (SCERT), Telangana (SLSMEE)	31.12.2020.
3	Indispensable Research Tools	Online Faculty Induction Programme 1.12.2021 to 31.12.2021	UGC-HRDC Osmania University	16.12.2021
4	Indispensable Research Tools	Online Faculty Induction Programme	UGC-HRDC Osmania University	20.02.2023
5	Indispensable Research Tools	Workshop on Engineering Research Methodology	Dean, Faculty of Engineering, Osmania University	30.08.2023
6	Brain Storming Session & Demonstration of Google Classroom.	Faculty Induction Programme (Offline)	UGC-Malaviya Teacher Training Centre (Formerly known as Human Resource Development Centre), Osmania University, Hyderabad	01.07.2024
7	Alternative Methods of Education	Online NEP Orientation & Sensitization Program	Malaviya Mission Teacher Training Centre, Tezpur University	11.07.2024
8	AI Tools for Teachers.	Faculty Induction Programme (Offline)	UGC-Malaviya Teacher Training Centre (Formerly known as Human Resource Development Centre), Osmania University, Hyderabad	15.07.2024
9	Alternative Methods of Education	Online NEP Orientation & Sensitization Program	Malaviya Mission Teacher Training Centre, Tezpur University	16.08.2024
10	Alternative Methods of Education	Online NEP Orientation & Sensitization Programme	UGC-Malaviya Mission Teacher Training Centre Osmania University, Hyderabad,	23.08.2024
11	Alternative Methods of Education	Online NEP Orientation & Sensitization Program	Malaviya Mission Teacher Training Centre, Tezpur University	29.08.2024

12	“Step-by-Step Guide to Conducting a Successful Webinar”.	Online Short Term Course on ICT Tools	UGC-Malaviya Mission Teacher Training Centre Osmania University, Hyderabad,	26.09.2024
13	Alternative Methods of Education	Online Month-long Faculty Induction Programme 21 October-21 November 2024	Malaviya Mission Teacher Training Centre, Tezpur University	24.10.2024
14	Alternative Methods of Education	Online NEP Orientation & Sensitization Program	Malaviya Mission Teacher Training Centre, Tezpur University	29.10.2024
15	Alternative Methods of Education	21 nd Online NEP Orientation & Sensitization Programme	UGC-Malaviya Mission Teacher Training Centre Osmania University, Hyderabad,	08.11.2024
16	Practical Skills for use of ICT in Teaching & Research	22 nd Online NEP Orientation & Sensitization Programme	UGC-Malaviya Mission Teacher Training Centre Osmania University, Hyderabad,	25.11.2024
17	Alternative Methods of Education (Theme VIII)	Online NEP Orientation & Sensitization Program	Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University	28.11.2024
18	Designing and engaging Online Assignments	for STC on “Online Program/Course Development”	UGC-MMTTC and Centre for Distance and Online Education (CDOE), Tezpur University	20.12.2024
19	Alternative Methods of Education (Theme VIII)	Online NEP Orientation & Sensitization Program	Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University	27.12.2024
20	Alternative Methods of Education	NEP Orientation & Sensitization Program	Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University	22-01-2025
21	Automated AI Based Assessment System	Online Interdisciplinary Refresher Course on Empowering Higher Education: AI, Design Thinking, and Technology Integration	Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University	17-02-2025
22	Automated AI based Assessment System	Online Short Term Course on 360 Degree Assessment and NEP 2020	Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University	26-02-2025

23	Practical Skills for use of ICT in Teaching & Research	online Faculty Development Programme (Online) on NEP 2020.	UGC-MMTTC Jai Narain Vyas University, Jodhpur	07/03/2025
24	Digital Tools & Multimedia in Language Classrooms	Three week Industrial Training Program for the faculty of English, Government Polytechnics of Telangana state	UGC-Malaviya Mission Teacher Training Centre, Osmania University, Hyderabad	29-05-2025
25	ICT Tools	Three week Industrial Training Program for the faculty of English, Government Polytechnics of Telangana state	UGC-Malaviya Mission Teacher Training Centre, Osmania University, Hyderabad	02-06-2025
26	Higher Education and Society	Online NEP Orientation & Sensitization Program	Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University	06-06-2025
27	Alternative Methods of Education	Online Faculty Induction Programme	Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University	12-06-2025
28	Higher Education and Society	Online NEP Orientation & Sensitization Program	Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University	11-07-2025
29	ICT Tools	“Faculty Induction Programme (offline/physical mode)”	UGC-Malaviya Mission Teacher Training Centre, Osmania University, Hyderabad	26-07-2025
30	Empowering Educators with ICT Tools	19 th Faculty Induction Programme	UGC-MMTTC Doctor Harisingh Gour Vishwavidyalaya, Sagar, MP	12-07-2025
31	Empowering Educators with ICT Tools	NEP 2020 Orientation & Sensitization Program	UGC-MMTTC Doctor Harisingh Gour Vishwavidyalaya, Sagar, MP	17-07-2025
32	Alternative Strategies of Education	Online NEP Orientation & Sensitization Program	Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University	28-08-2025
33	Empowering Educators with ICT Tools	NEP 2020 Orientation & Sensitization Program	UGC-MMTTC Doctor Harisingh Gour Vishwavidyalaya, Sagar, MP	29-08-2025
34	Alternative Strategies of Education	NEP 2020 Orientation & Sensitization Program	Malaviya Mission Teacher Training Centre (MMTTC), Tezpur University	30-09-2025

29. Seminars/ Workshops/FDPs Organized:

S.No	Name of Seminar/Workshop	Position	Sponsored by Organization	Date and Year
1	Minimal Tools for Maximum Utilization of Internaeet Resources for Effective Online Teachining	Co-Cordinator	MED,UCE,OU	09-11 August 2020
2	One week online ATAL Academy FDP on “Stress Management and Response Effectiveness, Organizing Self, Attitudinal Shift, Decision Making”	Coordinator	AICTE Training and Learning (ATAL) Academy	07-11 th September 2020
3	One week online ATAL Academy FDP on Emotional Intelligence	Coordinator	AICTE Training and Learning (ATAL) Academy	08-12 November 2021
4	Online workshop on NEP-8 (Languages, Culture and Values)	Associate Director / Coordinator	UGC-Human Resource Development Centre (HRDC), OU	10-12 January 2023
5	Faculty Induction Programme	Associate Director / Coordinator	UGC-HRDC, Osmania University	01 Feb-01 March 2023
6	Online workshop on NEP-9 (Research, Innovation and Rankings)	Associate Director / Coordinator	UGC-HRDC, Osmania University	21-23 Febrauary 2023
7	Workshop – Interaction Programme for PhD Research Scholars/ Post-Doctoral fellows	Associate Director / Coordinator	UGC-HRDC, Osmania University	09-11 March 2023
8	2nd International Conference on Emerging Trends in Engineering (ICETE)	Co-Chair ,TPC & EC member	University College of Engineering,OU	28-30 April 2023
9	Online workshop on NEP-6 (Motivated, Energized and Capable Faculty)	Associate Director / Coordinator	UGC-HRDC, Osmania University	22-24 November 2023
10	Workshop on Leadership Development Programme (Online)	Associate Director / Coordinator	UGC-HRDC, Osmania University	28-30 November 2023
11	Faculty Induction Programme	Associate Director / Coordinator	UGC-HRDC, Osmania University	01-31 December 2023

12	Online workshop on NEP- 7 (Promotion of Indian Knowledge Systems)	Associate Director / Coordinator	UGC-HRDC, Osmania University	13-15 December 2023
13	Webinar on 'Human Rights,	Associate Director / Coordinator	UGC-HRDC, Osmania University	16 December 2023
14	Online NEP Orientation & Sensitization Programme	Associate Director / Coordinator	UGC-Malaviya Mission Teacher Training Centre (MMTTC) ,OU	18.04.2024 to 6.04.2024
15	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	15.05.2024 to 23.05.2024
16	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	23.05.2024 to 31.05.2024
17	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	24.06.2024 to 02.07.2024
18	Faculty Induction Programme (Offline)	Associate Director	UGC-MMTTC,OU	01.07.2024 to 31.07.2024
19	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	04.07.2024 to 12.07.2024
20	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	19.07.2024 to 27.07.2024
21	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	01.08.2024 to 09.08.2024
22	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	16.08.2024 to 24.08.2024
23	Short Term Course on ICT Tools (Online)	Coordinator	UGC-MMTTC,OU	19.08.2024 to 24.08.2024
24	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	20.08.2024 to 29.08.2024
25	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	04.09.2024 to 13.09.2024
26	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	20.09.2024 to 8.09.2024
27	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	09.10.2024 to 18.10.2024
28	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	21.10.2024 to 29.10.2024
29	Faculty Induction Programme (Online)	Associate Director	UGC-MMTTC,OU	20.11.2024 to 18.12.2024
30	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	05.11.2024 to 14.11.2024
31	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	21.11.2024 to 29.11.2024
32	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	04.12.2024 to 12.12.2024

33	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	19.12.2024 to 30.12.2024
34	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	06.01.2025 to 18.01.2025
35	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	23.01.2025 to 31.01.2025
36	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	04.02.2025 to 13.02.2025
37	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	19.02.2025 to 28.02.2025
38	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	05.03.2025 to 14.03.2025
39	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	20.03.2025 to 31.03.2025
40	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	08.05.2025 to 17.05.2025
41	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	23.05.2025 to 31.05.2025
42	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	04.06.2025 to 13.06.2025
43	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	20.06.2025 to 28.06.2025
44	Faculty Induction Programme (Offline)	Associate Director	UGC-MMTTC,OU	27.06.2025 to 26.07.2025
45	Online NEP Orientation & Sensitization Programme	Coordinator	UGC-MMTTC,OU	23.07.2025 to 31.07.2025

30. Seminars / Conferences / FDPs/STTPs/ Workshops etc. Attended (from 2017 onwards)

S.No	Topic	Organized by	Duration
1	Two week Faculty Development Programme in Entrepreneurship	Entrepreneurship Development Cell, Osmania University, Hyderabad	February 13-25, 2017
2	One day workshop on “Women for Excellence-2017”	University College of Engineering, Osmania University	08 th March 2017
3	One month GIAN course Attended a four week GIAN Course on “Non linear Dynamics of classical Magnetic Systems”	Department of Mathematics & Mechanical Engineering, University College of Engineering, Osmania University, Hyderabad.	23 rd November to 22 nd December 2017
4	One week GIAN course on ‘Chemical Vapour Deposition	University College of Technology, Osmania University Hyderabad	September 14-20 , 2018
5	A two day workshop on “Leadership & Research challenges for Professional Women”	Department of Electrical Engineering, University College of Technology, Osmania University Hyderabad	January 4-5, 2019

6	International Conference on Material Processing & Characterization	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad	March 8-10, 2019
7	National Conference on Equity: Achievement & Challenges in India	College of Engineering, Pune	March 15-16, 2019
8	International Conference on Emerging Trends in Engineering	University College of Engineering, Osmania University	March 22-23, 2019
9	One week GIAN course on “Advances in Additive and Digital Manufacturing”	University College of Engineering, Osmania University, Hyderabad	March 25-29, 2019
10	International conference on Advanced Light Weight Materials & Structures	CMR Technical campus, Hyderabad	March 06-07, 2020
11	One week online faculty development program on "Maximal utilization of ICT tools for online teaching learning process"	Department of Applied Science and Humanities, Rajkiya Engineering College Ambedkar Nagar in Association with Jay Boss University of Technology YMCA Faridabad Haryana	May 09-13, 2020.
12	Five day faculty Development Programme on "Emerging Technology in robotics"	Malla Reddy Engineering College	May 26- 31, 2020.
13	Online one week faculty development program on "Funding opportunities for Engineering teachers and Technical paper writing"	Department of Mechanical Engineering, Rajarambapu Institute of Technology, Raja Ramnagar	June 15 - 19 ,2020.
14	One week online Faculty Development Program on “Enhancing Research and Consultancy skills”	Department of Mechanical Engineering, Rajarambapu Institute of Technology, Raja Ramnagar	June 22 - 26, 2020
15	National level online faculty development programme on “Business 4.0 - Embracing Digital technologies”	Skill Faculty of Engineering and Technology and WeGrow technology	July 06-10, 2020
16	Online Faculty Development Programme on “Teaching and Learning of Additive Manufacturing Technology: Emphasis on Metal 3D printing”	Department of Mechanical Engineering in association with the Teaching Learning Centre, National Institute of Technology Warangal	July 13-18, 2020.
17	One week International faculty development programme online on “Role of materials processing additive manufacturing: 3D to printing to industry-2020"	Mechanical Engineering Department, GLA University, Mathura in Association with Indian Institute of Metals, Mathura chapter	19-24 July, 2020.
18	One week National online faculty development programme on “Advanced welding Technologies”	Department of Mechanical Engineering, Faculty of Engineering and Technology, Jain University, Bangalore	August 04-08, 2020.

19	One Week International Faculty Development Programme on "Latest Trends In Engineering, Science And Technology: Nanomaterials"	Department of Chemistry, Lendi Institute of Engineering and Technology, Vizianagaram	10-15 August 2020.
20	one-week TEQIP-III sponsored short-term course on “Aspects of Modern Optimization Techniques in Science and Engineering (AMOTSE)”,	National Institute of Technology, Arunachal Pradesh and Government College of Technology Coimbatore, Tamil Nadu.	17th- 21st-August-2020
21	TEQIP-III Sponsored online short term course on “Material Characterization Techniques”	Instrumentation Center, Dr B R Ambedkar National Institute of Technology, Jalandhar.	August 24-28, 2020
22	AICTE Training And Learning (ATAL) Academy Online FDP on " 3D Printing & Design"	University College of Engineering (Autonomous).	2020-11-2 to 2020-11-6
23	AICTE Training and Learning (ATAL) Academy Online FDP on "Molecular Manufacturing"	ChaitanyaBharathi Institute of Technology.	October 19-23,2020
24	Webinar on Karnataka Industrial Policy-2025 Sensitization program for Women and prospective Entrepreneurs	Technical Education Quality Improvement Programme (TEQIP) – III, Dr. Ambedkar Institute of Technology.	21st November 2020
25	TEQIP III sponsored E-Training Program/Short -term course on “Finite element analysis for Engineers”	Department of Metal lurgy Engineering and Materials Science, IIT Indore	December 07-12,2020
26	Online STTP on “MOODLE Learning Management System”	Department of Mechanical Engineering and Department of Computer Science and Engineering, NIT Warangal under Centre for Educational Technology	January 04-08,2021
27	AICTE Sponsored online International Conference on “Materials, Manufacturing, Robotics, Automation, Artificial Intelligence and Networking for Industry 5.0” (ICM RAIN-2021)	Department Of Aeronautical Engineering, Excel Engineering College (Autonomous), Namakkal.	January 28-29, 2021
28	Recent Advances in Manufacturing Science and Technology	Department of Mechanical Engineering under TEQIP sponsored by the Ministry of Human Resource Development, Government of India,	February 22-26, 2021
29	e-workshop on "Condition Monitoring and Industrial Automation (CMIA-2021)"	Department of Mechanical Engineering, National Institute of Technology Hamirpur (H.P.)-177005	March 22 nd -26 th ,2021.

30	2nd one week Short Term Course on “Computational Software (MATLAB & MATHEMATICA)”	Applied Mathematics and Humanities Department (AMHD), Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat	May 17–21, 2021
31	One week online Faculty Development Program on “IPR & Patent Prosecution”	Department of Computer Science and Engineering in association with Institution Innovation Council (IIC) MVSREC, Hyderabad	May 24-28, 2021
32	National Level Online Interactive Session on “Demystifying Bloom's Taxonomy	Christian Eminent College, Indore	June 12, 2021
33	One day workshop on "Smart Manufacturing: Connected Factories"	Institution of Engineers(India), Telangana State Centre in Association with Department of Mechanical Engineering, CBIT, Hyderabad-	JUNE 17, 2021
34	3 rd International Conference on Intelligent Manufacturing and Energy Sustainability (ICIMES 2021)	Department of Mechanical Engineering, Malla Reddy College of Engineering & Technology, Hyderabad	June 18-19,2021.
35	Online FIP on “Innovation in Mechanical and Automation Engineering: Issues, Challenges and Solutions (IMAE 2021)”	Amity University, Jharkhand	21-25 June 2021
36	One week Faculty Development Program on “Finite Element Analysis –Research Perspective”	Department of Mechanical Engineering, CVR College of Engineering, Hyderabad	August 23-27, 2021
37	Five- Day Online Faculty Development Program on Digital Additive Manufacturing (3D Printing)	Department of Mechatronics Engineering, ICFAI Foundation for Higher Education (Deemed-to-be University), Hyderabad,	6 th -10 th September, 2021.
38	Awareness Training in Additive Manufacturing and its Applications	Future Skills PRIME Programme, Ministry of Electronics & Information Technology, GoI	14-23 September 2021
39	International Conference of Innovation and Applications on Science and Technology	Galgotias College of Engineering and Technology, Uttar Pradesh	21-23 December 2021
40	Women’s day	IEEE & Department of Electrical Engineering, Osmania University	March 2022
41	BAJA SAEINDIA 2022 event	NATRAX Facility, Pithampur, Madhya Pradesh	06-10 April 2022
42	International Conference “Futuristic Research in Modeling of Dynamical System”	CMR Institute of Technology, Bangalore	4-5 May 2022

43	Five day Online Faculty Development Program on Recent Advances in Composites Materials	National Institute of Technology Puducherry	27-31 March 2023
44	Workshop on “Women Enclave- A Meetup of Women Professionals”	IEEE & Department of Electrical Engineering, Osmania University	17 March 2023
45	Five day Online Faculty Development Program on Recent Advances in Composites Materials	National Institute of Technology Puducherry	27-31 March 2023
46	1 st International Conference on Mechanics Engineering: Researches and Evolutionary Challenges-2023	National Institute of Technology Warangal	23-25 June 2023
47	Short term course on Leadership Development for Academic Administrator	UGC-Human Resource Development Centre, Osmania University	27 June -04 July 2023
48	Advanced Vocational Training on Basic and Advanced Welding	National Skill Training Institute, Hyderabad	20 November- 01 December 2023
49	"Quality Assurance and Faculty Preparation for NAAC Accreditation of Osmania University"	Internal Quality Assurance Cell (IQAC), Osmania University.	27-28 February 2024
50	International Seminar titled "Introduction of Nanoelectronics: A Beginner's Overview"	Research and Publication Division, Scholars Gate - Research Training Institute, Tamil Nadu,	June 5, 2024,
51	the 6-days Online Short Term Programme on Functional Materials and Devices	Malaviya Mission Teacher Training Center at the Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai	July 1-6, 2024.
52	2 nd National Conference on Advances in Mechanical Engineering & Nano Technology (AMENT 2024)	Department of Mechanical Engineering , University College of Engineering, Osmania University	23-24 August 2024
53	1 st International Conference on Advanced Materials and Manufacturing 2024	JIS Institute of Advanced Studies and Research (JISIAR) Kolkata, JIS University	18-19 December 2024
54	Three Day National Workshop on "NAAC Accreditation and Outcome Based Education through AI Powered Digital Learning"	The Office of Dean, Development & UGC Affairs and Internal Quality Assurance Cell (IQAC), Osmania University	3-5 March, 2025
55	One week Faculty Development Programme on “ Computational and Experimental Insights into Materials Research (CEIMR-2025)	JB Institute of Engineering and Technology, Hyderabad	22-26 April 2025
56	Internal Auditor Training Program	Internal Quality Assurance Cell (IQAC), Osmania University	25-26 September 2025

(T.NAGAVENI)

