

Dr. P.RAVI KUMAR



Designation : Professor & HoD,
Dept. of Mech.Engg.
Qualification : B.E.,M.Tech., MBA, Ph. D.
Specialization : Mechanical Engineering
(Machine Design)
Date of Joining : 21-06-2004
Employee Id : 094
Experience : 23 Years
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JNTUH Registration Number : 94150403-212613

Academic Qualifications:

- **Ph.D** (Mechanical Engineering) from **JNT University, Hyderabad**, Telangana State, for the thesis titled “Parametric Study of Milling Process using Enhanced damper in milling Cutters” in April 2017.
- M.Tech (Machine Design) in August 2005 from **JNTU College of Engineering, Kakinada**, Andhra Pradesh.
- B.E. (Mechanical Engineering) in May 1997 from **Osmania University, Hyderabad**.
- M B A (Marketing Management) in October 2007 from **Dr. B.R. Ambedkar Open University**, Hyderabad.
- PG Diploma in Plastics Engineering in August 1998 from **Central Institute of Plastics Engineering and Technology**, Hyderabad.
- PG Diploma in Industrial Engineering and Management in January 1999 from **Andhra Pradesh Productivity Council**, Hyderabad.
- Qualified in Faculty Eligibility Test (FET) – 2010 Conducted by JNTU Hyderabad.

Teaching Experience: 22 Years Teaching Experience

- Presently Working as Professor in Department of Mechanical Engineering in C M R College of Engineering & Technology, Hyderabad (16 Years)

- Working as Professor in Department of Mechanical Engineering in C M R College of Engineering & Technology, Hyderabad since April 2017.
- Worked as Associate Professor in Mechanical Engineering in C M R College of Engineering & Technology, Hyderabad from Sep'05 to April 2017.
- Worked as Assistant Professor in Mechanical Engineering in C M R College of Engineering & Technology, Hyderabad from Jun'04 to Aug'05.
- Worked as Assistant Professor in Mechanical Engineering in Nagarjuna Institute of Technology & Sciences, Miryalguda, Nalgonda Dt, A.P. from Oct'98 to Jun'04.
(5 Years 9 Months)

Administrative Experience:

- Worked as Head of the Department of Mechanical Engineering in Nagarjuna Institute of Technology & Sciences, Miryalguda, Nalgonda Dt., A.P. from 17-07-2001 to 30-04-2003.
- Working as Head of the Department of Mechanical Engineering in C M R College of Engineering & Technology, Hyderabad from May 2017 to till date.

Courses Taught:

- Engineering Mechanics
- Engineering Graphics
- Engineering Drawing
- Mechanics of Solids
- Thermodynamics
- Thermal Engineering-I
- Thermal Engineering-II
- Machine Drawing
- Design of Machine Elements-I
- Design of Machine Elements-II
- Machine Tools
- Dynamics of Machinery
- Finite Element Methods
- CAD/CAM
- Operations Research
- Power Plant Engineering

Achievements/Publications/Workshops/Seminar/Guest Lectures:

Journal Publications/Conference Presentations: 56

International Journals: 17

1. P. Ravi Kumar, M.Venkata Ramana, G.Krishna Mohana Rao, Bidya Sagar, B.V.Raja Ravi Kumar, “**Optimization of surface roughness and tool wear in sustainable dry turning of Iron based Nickel A286 alloy using Taguchi’s method**”, Cleaner Engineering and Technology, 2 (2021) 100034 [Link](#)

2. P. Ravi Kumar, K.Srinivasa Rao, M.Ahmed Ali Baig, “**A Comparative Experimental analysis of different geometry Fins**”, TEST Engineering and Management, Vol. 83, pp. 4561-4569, July- August 2020. [Link](#)
3. P. Ravi Kumar, K.Srinivasa Rao, Merugu Akhil, Balla Akhil, “**Modelling and Simulation of Floor Cleaning Machine**”, International Journal of Advanced Science and Technology (IJAST), Vol. 29, No.4, (2020), pp.11356-11372, ISSN : 2005-4238. (Scopus indexed). [Link](#)
4. P. Ravi Kumar, K.Srinivasa Rao, M.Ahmed Ali Baig, “**Comparative characteristic analysis of diesel engine with bio diesels**”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol. 10, Issue 1, Feb 2020, 645-656, ISSN : 2249-8001. (Scopus indexed). [Link](#)
5. P. Ravi Kumar, K.Srinivasa Rao, V.V.Kondaiah, “**Comparative vibration study of a diesel engine fueled with chicken fat biodiesel**”, International Journal of Engineering and Technology (IJET),7(4) (2018) pp.3195-3198. (Scopus indexed). [Link](#)
6. P. Ravi Kumar, K.Srinivasa Rao, V.V.Kondaiah, “**An Experimental Study on the Characteristics of Di-Ci Engine with the Preheated Waste Cooking Oil Methyl Ester**”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol. 8, Issue 6, Dec 2018, 47-58.ISSN : 2249-8001. [Link](#) (Scopus indexed).
7. P. Ravi Kumar, Shaik Akhib Sohail, V.V.Kondaiah, “**Static Structural Analysis of an Advanced Power Tiller Chassis and Chisel Plough**”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol.8, Issue 5, Oct 2018, pp. 299-304, ISSN : 2249-8001. (Scopus indexed). [Link](#)
8. P. Ravi Kumar, V.V.Kondaiah, K.Srinivasa Rao, “**Microstructure and Mechanical Properties of Flyash Particle Reinforced Aluminum Composite**”, International Journal Of Mechanical Engineering And Technology (IJMET) Volume 9, Issue 8, August 2018, pp. 893–897, ISSN Online: 0976-6359.(Scopus indexed). [Link](#)
9. P.Ravi Kumar, Vinayak Naduvanamani, “**Optimization of Surface Roughness In Cylindrical Grinding Process**”, International Journal of Applied Engineering Research (IJAER), Volume 12, Number 18 (2017) pp. 7350-7354, ISSN 0973-4562. [Link](#)
10. P.Ravi Kumar, Jatin Selmokar “**Analysis Of Tool Wear In End Milling Of AISI 1018 Steel**”, International Journal of Scientific & Engineering Research, Volume 7, Issue 6, June-2016. ISSN: 2229-5518. [Link](#)
11. P.Ravi Kumar, Dr.M.Ramalinga Reddy, D.Ajay, “**Effect Of Process Parameters On Surface Roughness In EDM Process**” International Journal of Modern Engineering Research, Volume 1, Special Issue, January 2016, ISSN : 2249-6645. [Link](#)
12. P.Ravi Kumar, Dr.M.Ramalinga Reddy, “**Effect Of End Cutting Edge Angle On The Generation Of Surface Roughness In Turning**”, CMR Journal of Engineering and Technology, Volume 1, Issue 1, January 2016,. ISSN: 2455-4677. [Link](#)
13. P.Ravi Kumar, Dr.G.Krishna Mohana Rao, “**Influence Of Cutting Speed And Type Of Damping Inserts On Chip Thickness And Width In End Milling Process**”, CMR

14. P.Ravi Kumar, Dr.G.Krishna Mohana Rao, **“Theoretical And Experimental Analysis Of End Milling Process With Multiple Finger Inserted Cutters”**, International Journal of Mechanical and Mechatronics Engineering, Volume 1, Issue 5, May 2014. [Link](#)
15. P.Ravi Kumar, Dr.G.Krishna Mohana Rao **“Optimization Of Surface Roughness In Damper Inserted End Milling Using Taguchi Method And ANOVA”** , De Gruyter’ s Journal of Manufacturing Science and Production(JMSP) Volume 12, Issue 3-4, Pages 147–154, December2012.ISSN:2191-0375. [Link](#)
16. P.Ravi Kumar*,Dr.M.Ramalinga Reddy,Dr.G.Krishna Mohana Rao,V.S.R.Murthy **“Comparative studies of Theoretical and practical surface roughness profiles produced in turning”** , International Journal of Advanced Engineering Technology (IJAET), Vol. 3 , Issue 1, January-March 2012 , P.No.89-99. E-ISSN 0976-3945. [Link](#)
17. P.Ravi Kumar*,Dr.M.Ramalinga Reddy ,Dr.G.Krishna Mohana Rao, V.S.R.Murthy **“Effect Of Feed Rate On the Generation Of Surface Roughness In Turning”** , International Journal of Engineering, Science and Technology (IJEST), Vol. 3 ,No. 11, November2011,P.No.8099-8105.ISSN:0975-5462. [Link](#)

Conference Presentations: 39

International Conferences: 20

1. P. Ravi Kumar, D.Ajay, **“Single Phase flow and heat transfer analysis in a rectangular micro channel using ANSYS Fluent ”**, in Proceedings of International Conference on Recent Advances in Manufacturing Engineering Research (ICRAMER - 2021) organized at SRM Institute of Science & Technology, Tamilnadu from 15-16, April 2021.
2. P. Ravi Kumar, B.Sridhar Babu, S.Sateesh Kumar, Maughal Ahmed Ali Baig, **“Comparative study of Performance of Acoustic Horns of different Profiles using FEA”**, in proceedings of 2nd International Conference on Manufacturing, Material science and Engineering (ICMMSE 2020) organized by CMR Institute of Technology, Hyderabad from 18-19 December 2020 . [Link](#)
3. P. Ravi Kumar, M.Venkata Ramana, G.Krishna Mohana Rao, G.Prasanth, Bidya Sagar, B.V.Raja Ravi Kumar, **“Effect of Machining conditions on shear angle in turning of A286 iron based nickel super alloy”**, in Proceedings of 11th International Conference on Materials Processing and Characterization (ICMPC -2020) organized at Indian Institute of Technology, Indore from 15-17 December 2020 [Link](#)
4. P.Ravi Kumar, K.Srinivasa Rao, B. Sridhar Babu, **“Optimization of surface roughness in turning of LM9 aluminum casting alloy”**, in Proceedings of International Conference on Advances in Minerals, Metals, Materials, Manufacturing and Modelling (ICAM5 -2019) , organized by Department of Metallurgical & Materials Engineering, National Institute of Technology, Warangal, Telangana, India from 25 -27, September 2019. [Link](#)
5. P.Ravi Kumar, Somvir Singh, B. Srinivasa Varma, Rajeev Rathi, Amit Kumar, **“Machine Learning Application for Pulsating Flow Through Aluminium Block”**, in

Proceedings of International Conference on Functional Materials, Manufacturing and Performances (ICFMMP -2019) organized by School of Mechanical Engineering, Lovely Professional University, Jalandhar, Punjab, India from 12-13, September 2019. [Link](#)

6. P.Ravi Kumar, V.V.Kondaiah, K.Srinivasa Rao, “**Analysis of deep groove ball bearings using ANSYS**”, in Proceedings of International Conference on Advances in Mechanical Engineering (ICAME 2018) , organized by Department of Mechanical Engineering, CMR College of Engineering & Technology, Hyderabad, India from 21 -22, December 2018. (ISBN : 978-81-923800-1-8) published by Global Journal of Engineering Science and Researches, December 2018, pp. 137-144 (ISSN : 2348-8034) (UGC Indexed Journal : Serial No.64316) [Link](#)
7. P.Ravi Kumar,Dr.G.Krishna Mohana Rao, D.Ajay, “**Optimization Of Metal Removal Rate In Machining Of Cast Iron And Copper Alloy By End Milling**” in Proceedings of International Conference on Technological Innovations in Mechanical Engineering (TIME-2016), Organized by Chaitanya Bharathi Institute of Technology, Hyderabad, India, from 10-11, February 2016.(ISBN. 978-93-81692-07-1)
8. P.Ravi Kumar, Dr.M.Ramalinga Reddy, D.Ajay, “ **Effect Of Process Parameters On Surface Roughness In EDM Process**” in Proceedings of 2nd national Conference on Developments, Advances & trends in Engineering Science [NC-DATES2K16] Organized by CMR Engineering College, Hyderabad, India, from 8th – 9th Jan 2016.(ISAN. 2249-6645) [Link](#)
9. P.Ravi Kumar, Dr.G.Krishna Mohana Rao, “**Theoretical And Experimental Analysis Of End Milling Process With Multiple Finger Inserted Cutters**”, in 18th International Conference on Automotive and Mechanical Engineering organized by World academy of Science ,Engineering and Technology(WASET) at Tokyo, Japan from 29-30, May 2014. [Link](#)
10. P.Ravi Kumar,Dr.G.Krishna Mohana Rao, “**Optimization Of Metal Removal Rate In End Milling Using Taguchi Method And ANOVA**” in Proceedings published by Elsevier Science & Technology at 3rd International Conference on Recent trends in Engineering & technology (ICRTET 2014),Organized by SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad (Nashik), MH, India, from 28-30, March 2014.(ISBN: 978-93-5107-222-5)
11. P.Ravi Kumar,K.Vijay Kumar, “**CFD Analysis Of Hybrid Splayed Pin Fin Heat Sink Using Fluent V 12.1**” in Proceedings of 1st International Conference on Mechanical Engineering Emerging Trends for sustainability (ICMEETS 2014),Organized by Maulana Azad National Institute of Technology, Bhopal ,Madhya Pradesh,India from 29-31, January 2014.
12. P.Ravi Kumar*,Dr.G.Krishna Mohana Rao, Sudharani, “**Non Linear Static And Dynamic Analysis Of End Milling Cutter With Multiple Fingers**” in Proceedings of International Conference Program 2013, Recent Advances in Robotics, Aeronautical and Mechanical Engineering ,Organized by World Scientific and Engineering Academy and Society (WSEAS) at Athens, Greece from 14-16, May’ 2013. [Link](#)
13. P.Ravi Kumar*,Dr.G. Krishna Mohana Rao, Sowmya, “**Influence Of Cutting Speed And Type Of Damping Insert On The Roughness Of Surface Produced By Damper Inserted End Mill Cutter**” in Proceedings of International Conference Program 2012, Latest Trends in Environmental and Manufacturing Engineering Organized by World

14. P.Ravi Kumar*, Dr.G.Krishna Mohana Rao, Sowmya, **“Surface Roughness Optimization In End Milling Operation With Damper Inserted Milling Cutters”** in Proceedings of International Conference Program 2012, Organized by World academy of Science, Engineering and Technology (WASET) at **Switzerland** from 15-16, Oct' 2012. [Link](#)
15. P.Ravi Kumar*, Dr.G.Krishna Mohana Rao, Dr.M.Ramalinga Reddy, D.Ajay, **“Tool Wear In Milling Process- A Review”** in Proceedings of International Conference on Materials Processing and Characterization (ICMPC2012), P.No.203-207, organized by Department of Mechanical Engineering, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, India from 8th -10th March 2012.
16. P.Ravi Kumar, K.Kantha Rao *, Dr.K.Jayathirtha rao, A.G.Sarwadi **“Metal Alloys Required For Hypersonic Flight Vehicles- A Review”** in Proceedings of International Conference on Materials Processing and Characterization (ICMPC2012), P.No.579-582, organized by Department of Mechanical Engineering, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, India from 8th -10th March 2012.
17. P.Ravi Kumar*, Dr.G.Krishna Mohana Rao, Dr.M.Ramalinga Reddy, G.Kavitha Reddy, **“Energy Saving During Milling Process”** in Proceedings of Golden Jubilee International Conference on Recent advances and Challenges in energy (RACE-2012), organized by Department of mechanical & manufacturing Engineering, Manipal Institute of Technology, Manipal University, Manipal, Karnataka, India from 4th - 6th Jan'2012.
18. P.Ravi Kumar*, Dr.G.Krishna Mohana Rao, **“Surface Roughness Analysis in Milling”** in Proceedings of International Conference Program 2011, Organized by World academy of Science, Engineering and Technology (WASET) at **Venice, Italy** from 28-30, Nov' 2011. [Link](#)
19. P.Ravi Kumar, G.Kavitha Reddy, **“Application Of SWOT Analysis For Supply Chain Performance Improvement”** in Proceedings of international Conference on Business and Technology (ICBT-11), organized by International Association of Management Scholars (IAMS) in Collaboration with Forest Research Institute (FRI) University, Dehradun, India from 4th -5th Nov' 2011.
20. P.Ravi Kumar, G.Kavitha Reddy, G.Saritha Reddy, K.Kantha Rao, **“Review Paper On Using Value Stream Mapping To Create A Green Supply Chain”** in Proceedings of 1st international Conference in South Asia on Global Manufacturing Systems and Management (ICGMSM-2011), P.No.8 organized by Department Of Mechanical Engineering, Coimbatore Institute Of Technology, Coimbatore, Tamilnadu from 1st – 3rd Aug' 2011.

National Conferences: 19

1. P. Ravi Kumar, Akhil Balla, Merugu Akhil, Tavula Aravind, Mohd Ayyaz, Lakavath Divya, Chintala Rakesh, Kasipaka Abhilash, Sk. Samiruddin, **“Fabrication of Floor Cleaning Machine”**, in Proceedings of National Conference on advances in Engineering & Technology (NCAET 2020) organized by Narayana Engineering College, Gudur, SPSR Nellore Dt., Andhra Pradesh on 23rd June 2020 with ISBN: 978-93-82829-87-4.

2. P. Ravi Kumar, K.Srinivasa Rao, V.V.Kondaiah, “**Effect of EGR on Characteristics of Diesel Engine Fueled with Corn Bio Diesel**”, in Proceedings of National Conference on Emerging Trends in Mechanical and Chemical Engineering (NCETMCE) organized by Anurag Group of Institutions, Telangana on 24th & 25th January 2019 with ISBN : 978-93-85101-96-0.
3. P.Ravi Kumar, Gibin Joseph, A.Srujana, P.Yeshpal Reddy, A.Ajay kumar, “ **Aero thermodynamic analysis of hypersonic Reentry Vehicle**” in Proceedings of 1st National Conference on Innovative approaches in Mechanical Engineering (NCIAME-17) organized by St.Martins College of Engineering, Secunderabad from 22-23 September 2017 with ISBN : 978-93-85101-96-0.
4. P.Ravi Kumar,K.Vijay Kumar,T.Pavan kumar,B.Manikanta Srinivas ,“**Comparison Of PVC And Poly Urethane Sandwich Bumpers**” in Proceedings of National Conference on Advances in Mechanical Engineering (NCAME 2014),Organized by CMR College of Engineering & Technology,Hyderabad,Andhra Pradesh,India from 24-25, January 2014.
5. P.Ravi kumar ,Dr.M.Ramalinga Reddy,“**Empirical Model For Prediction Of Surface Roughness In Turning Operation**” in Proceedings of National Conference on Advances in Mechanical Engineering (NCAME 2014),Organized by CMR College of Engineering & Technology,Hyderabad,Andhra Pradesh,India from 24-25, January 2014.
6. P. Ravi Kumar, Dr.G.Krishna Mohana Rao, D.Ajay ,M.Sarat Chandra “**Experimental Evaluation Of Tool Wear In Milling**” in Proceedings of 4th National Conference on Advances in Mechanical Engineering (AIM 2013) organized by Vasavi College of Engineering, Ibrahimbagh, Hyderabad, A.P., India from 7th -8th November 2013. (ISBN : 978-93-82570-16-5)
7. P.Ravi Kumar*, Dr.G.Krishna Mohana Rao, D.Ajay, “**Surface Finish Comparison For Different Metals In Milling**” in Proceedings of National Conference on role of civil and mechanical engineer in the development of society (RCMS 2K13) P.No.62-67,organized by Malla Reddy Engineering College, Maisammaguda, Secunderabad, A.P, from 20th – 21st September 2013.
8. P.Ravi Kumar, M.Sarath Chandra, G.Tejaswini,“ **Effect Of Fossil Fuels On Pollution, Climate Change And Environment** ” in Proceedings of National Conference on Green Business and Sustainable Development, organized by Sagar group of Institutions, Chevella, Hyderabad, A.P., India on 15th September 2012.
9. M. Sarath Chandra, P. Ravi Kumar, J. Kasibabu, P. Sridhar, A. Bhagyasri, “**Performance Evaluation Of Diesel Engine With Diesel And Bio-Diesel Blends**” in Proceedings of National Conference on Advances in Mechanical Engineering, organized by Vasavi College of Engineering, Ibrahimbagh, Hyderabad, A.P., India from 10th- 11th October 2012.
10. M. Sarath Chandra, P. Ravi Kumar, D. Ajay, K.Prashanth Reddy,“**Performance Characteristics Of A Diesel Engine Operating With Animal Tallow Oil Blended With Diesel** ” in Proceedings of National Conference on Recent trends in Mechanical Engineering, organized by Shadan College of Engineering and Technology, Hyderabad, A.P., India from 18th October 2012.

11. P.Ravi Kumar,K.Kantha Rao *,Dr.K.Jayathirtha Rao,A.G.Sarwadi **“Thermal Protection Systems For Space Missions And Hypersonic Vehicles”** in Proceedings of National Conference on Advances in Mechanical Engineering (AIME 2012),P.No.149-156 ,organized by Department of Mechanical Engineering, Kamala Institute of Technology and Science ,Singapur,Huzurabad,Karimnagar,A.P, India on 18th February 2012.
12. P.Ravi Kumar*,Dr.G.Krishna Mohana Rao, Dr.M.Ramalinga Reddy, G.Kavitha Reddy **“A Review On Tool Breakage Detection System In Milling Process”** in Proceedings of National Conference on Advances in Mechanical Engineering (NCME 2011) , ,Organized by Sona College of Technology ,Salem,Tamilnadu from 26th-27th Aug 2011.(ISBN: 978-81-906270-9-2)
13. P.Ravi Kumar*,Dr.G.Krishna Mohana Rao, Dr.M.Ramalinga Reddy, G.Kavitha Reddy **“A Review On Surface Roughness In Milling Process”** in Proceedings of one Day National Conference on Latest trends in Mechanical Engineering (NCLTME-11) ,P.No.127-134 ,Organized by Vignan Institute Of Technology and sciences, Hyderabad on 6th Aug 2011.
14. P.Ravi Kumar*, M.Rajani,P.Chandra Shekar,D.Narendhar Singh, **“Power Optimization Using Embedded Systems”** in Proceedings of AICTE & DRDO Sponsored 3-Day National Conference on signal Processing and embedded systems Applications (SPESA-2011) ,P.No.737-742 ,Organized by CMR College of Engineering & Technology, Hyderabad from 8th to 10th July 2011.
15. P.Ravi Kumar*, Dr.M.Ramalinga Reddy, **“Study Of Shape Characteristics Of Burnished Surfaces”** in Proceedings of National Conference on Recent Advances in Mechanical Engineering & technology (RAMET-2011) P.No. 81-88, Organized by Department of Mechanical Engineering,VNRVJIET, Hyderabad from 10-11 Jan’2011.
16. P.Ravi Kumar*, Dr.M.Ramalinga Reddy, **“Study Of Surface Characteristics Of Burnished Surfaces”** in Proceedings of National Conference on Advances in Mechanical Engineering (AIM-2010) P.No.85-91, Organized by Department of Mechanical Engineering Vasavi College of Engineering, Hyderabad from 18-19 Nov 2010.
17. P.Ravi Kumar*, Dr.N.N.Ramesh, Dr. K.Mallikarjuna Rao, **“Reduction Of Stresses In Gears”** in Proceedings of National Conference on Aerospace Engineering (NCAE-2009) ,P.No.139-146,organized by Department of Aeronautical Engineering, Malla Reddy College Of Engineering & Technology, Maisammaguda, Dhulapally, Secunderabad, A.P., from 4th –5th December 2009.
18. P.Ravi Kumar*, Dr.N.N.Ramesh, Dr.M.Ramalinga Reddy, **“Influence Of Process Parameters On EDM Surface”** in Proceedings of National Conference on Excellence in New Technologies in Mechanical Engineering (ENTIME-2009) P.No.308-318,organized by Malla Reddy Engineering College for Women and Department of Mechanical Engineering, Malla Reddy Engineering College, Maisammaguda, Secunderabad, A.P, from 12th –13th December 2009.
19. P.Ravi Kumar*, Dr.G.Krishna Mohana Rao,Dr.N.N.Ramesh,**“Modelling And Chatter Control In Milling ”** Proceedings of National Conference On State of the Art of The Technologies in Mechanical Engineering (NCSAME-2009) P.No.35,organized by Department Of Mechanical engineering, JNT University Hyderabad College Of Engineering, Hyderabad, A.P. from 20th –21st August 2009.

Text Book Publications:

- Author of **A Text Book of Engineering Thermodynamics** published by The Hi Tech Publishers, Hyderabad, 1st Edition 2000 and 2nd Edition 2003.

NPTEL Online Certifications Awarded:

1. Engineering Drawing and Computer Graphics (September – December 2020)
2. Concepts of Thermodynamics (July-October 2019)
3. Basics of Finite Element Analysis-I with Elite Certification (January - April 2019)
4. Strength of Materials with Elite Certification (July – October 2018)

Coursera Courses Completed:

1. Introduction to Artificial Intelligence
2. What is Data Science
3. Digital Manufacturing & Design
4. Digital Thread: Components
5. Digital Thread: Implementation
6. Advanced Manufacturing Process Analysis
7. Intelligent Machining
8. Advanced Manufacturing Enterprise
9. Cyber Security in Manufacturing
10. MBSE: Model-Based Systems Engineering
11. Roadmap to Success in Digital Manufacturing & Design
12. Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading
13. Introduction to Engineering Mechanics
14. Material Processing
15. Material Behaviour.
16. Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Prep.
17. Introduction to Thermodynamics: Transferring Energy from Here to There.
18. Autodesk Certified Professional: Inventor for Mechanical Design Exam Prep.
19. Autodesk Fusion 360 Integrated CAD/CAM/CAE.
20. Introduction to Digital Manufacturing with Autodesk Fusion 360
21. Spreadsheets for Beginners using Google Sheets
22. Predict Sales Revenue with scikit-learn
23. Facial Expression Recognition with Keras
24. Logistic Regression with NumPy and Python
25. Linear Regression with NumPy and Python

Conferences Conducted:

1. International Conference on Advances in Mechanical Engineering (ICAME 2018) from 21-22 December 2018 at CMR College of Engineering & Technology ,Hyderabad, Telangana State, India.

2. National Conference on Advances in Mechanical Engineering (NCAME 2014) from 24-25 January 2014 at CMR College of Engineering & Technology ,Hyderabad, Andhra Pradesh, India.
3. National Conference on Advances in Mechanical Engineering (NCAME 2013) from 24-25 January 2013 at CMR College of Engineering & Technology ,Hyderabad, Andhra Pradesh, India.
4. National Conference on Advances in Mechanical Engineering (NCAME 2012) from 24-25 January 2012 at CMR College of Engineering & Technology ,Hyderabad, Andhra Pradesh, India.
5. National Conference on Advances in Mechanical Engineering (NCAME 2011) from 24-25 January 2011 at CMR College of Engineering & Technology ,Hyderabad, Andhra Pradesh, India.

Workshops Conducted:

1. One Week faculty Development Program on **Latest Advancements in Mechanical Engineering (LAME 2020)** at CMR College of Engineering & Technology, Hyderabad from 13th to 17th July 2020.
2. Two week FDP on **Recent Advances in Mechanical Engineering (RAME 2020)** organized by Department of Mechanical Engineering, CMR College of Engineering & Technology, Hyderabad from 20th to 30th April 2020 .
3. One day Invited Lecture on **Current Trends in Precision Engineering** at CMR College of Engineering & Technology, Hyderabad on 7th September 2018.
4. Two Week Faculty Development Program On “**Computer Aided Design and Analysis**” held during 4th – 18th June 2018 Conducted by Department of Mechanical Engineering, CMR College of Engineering & Technology in association with MECHENG, Hyderabad.
5. One week Faculty Development Program on **AUTODESK Inventor** from 22nd to 27th January 2018 at CMR College of Engineering & Technology, Hyderabad in association with ICT Academy, Chennai.
6. **SAEISS Student Conventions TIER-II** conducted by Mechanical Department at CMR College of Engineering & Technology on 30th December 2017.
7. One week Faculty Development Programme on **Engineering Graphics** from 24th to 29th July 2017 at CMR College of Engineering & Technology, Hyderabad.
8. Two week Faculty Development Program on **Current trends in Materials and Manufacturing** from 15th May 2017 to 27th May 2017 at CMR College of Engineering & Technology, Hyderabad.
9. One Day Work shop on **Effective Teaching** at CMR College of Engineering & Technology, Hyderabad on 26-07-2011.

10. One day Seminar on **Latest trends in Design and Manufacturing** at CMR College of Engineering & Technology, Hyderabad on 16-03-2011.
11. Faculty Development Programme on **Advances in CAD/CAE/CAM** at CMR College of Engineering & Technology, Hyderabad from 29th -30th Dec'2010.
12. Two day Workshop on **Advances in Thermal Engineering** at CMR College of Engineering & Technology, Hyderabad from 13th -14th Aug '2010.
13. Three Day Workshop on **Engineering Drawing** at CMR College of Engineering & Technology, Hyderabad from 28th to 30th December 2009.

Workshops/FDPs/ Conferences Attended:

1. AICTE Sponsored one week online Short-Term Training Program (STTP - Phase-III) on **"Innovations and Challenges in Industry 4.0 Automation and Smart Manufacturing"**, organized by Department of Mechanical Engineering, Kallam Haranadhareddy Institute of Technology, Guntur, Andhra Pradesh from 26th July 2021 to 31st July 2021.
2. **ISTE Sponsored** one-week Online Faculty Development Programme (FDP) on **"Emerging Trends In Advanced Materials & Manufacturing Processes"** (ETAMMP-2021) from 12/07/2021 to 16/07/2021 organized by Department of Mechanical Engineering, Kakatiya Institute of Technology & Science, Warangal, Telangana.
3. AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on **"Classical Optimization Techniques in Manufacturing systems"** from **2021-07-05 to 2021-07-09** at **Guru Nanak Institutions Technical Campus Telangana**.
4. Online Training program on **NBA Accreditation Process for UG and PG programs** by National Institute of Technical Teachers' Training and Research, Chennai from 21st June 2021 to 25th June 2021.
5. One day online workshop on **Basics of Software Vulnerabilities** organized under Information Security education and awareness (ISEA) project phase-II, Ministry of Electronics and Information Technology, Government of India on 21st May 2021.
6. AICTE Sponsored One Week Online Short Term Training Program on **Design of Experiments (DOE) and Optimization Techniques** organized by the Department of Mechanical Engineering, Vemu Institute of Technology, Andhra Pradesh from 18th January 2021 to 23rd January 2021.
7. AICTE Sponsored one week STTP on **Exergy and Exergoeconomic Evaluation of Thermal Power plants** organized by Department of Mechanical Engineering, Pragati Engineering College, Andhra Pradesh from 21st to 26th December 2020.
8. AICTE AQIS Short Term Training Program on **Moral, Ethics, Values in Education** organized by Department of information Technology, Govt. Polytechnic, Nagpur conducted from 7th – 12th December 2020.

9. AICTE sponsored online six days Short Term Training Program on **Finite element analysis Using ANSYS** during 23rd to 28th November 2020 organized by Department of Mechanical Engineering, ABES Engineering College, Ghaziabad..
10. One Week AICTE sponsored Short Term Training Program on **Design of Experiments in Engineering** during 16th to 21st November 2020 organized by Department of Mechanical Engineering, B.V.Raju Institute Of Technology, Medak District, Telangana.
11. International Conference on **AI, Robotics and Automation** organized by ICT Academy on 14th October 2020 organized by ICT Academy of Tamilnadu.
12. International Conference on Advances in Sensors, Energy and Hybrid Vehicles organized by ICT Academy on 16th October 2020 organized by ICT Academy of Tamilnadu.
13. International Conference on Advances in IOT, High Performance and Edge Computing organized by ICT Academy on 18th October 2020 organized by ICT Academy of Tamilnadu.
14. AICTE Sponsored Phase-III Short Term Training Programme on **Writing and Publishing High Impact Research Publications and Scientific Documents** organized by Department of Information Technology, Rajalakshmi Engineering College from 19th to 24th October 2020 in online mode.
15. AICTE Training & Learning ATAL Academy online FDP on **Systems Engineering** organized by Department of Mechanical Engineering, Maulana Azad National Institute of Technology, Bhopal from 28th September to 2nd October 2020.
16. One Week Online Short Term Training Program STTP on **Automation Technologies in FMCG Sector** organized by Department of Mechanical Engineering, NIE institute of Technology, Mysuru in association with MSME Development Institute, Bengaluru, Ministry of MSME, Govt. of India from 28th September to 3rd October 2020.
17. AICTE Training & Learning ATAL Academy online FDP on **Developing Consciousness Transcendental Meditation** organized by JNTU, Hyderabad from 21st September to 25th September 2020.
18. AICTE sponsored six days STTP on **Innovative Techniques for Sustainable Energy Development through Modeling of Mechanical Processes** organized by Department of Mechanical Engineering, K.L.N.College of Engineering, Sivagangai District, Tamilnadu from 14th to 19th September 2020.
19. AICTE Sponsored Six Days Online Short Term training Program on **Internet of Things (Every Thing) - Future** organized by Department of Computer Science & Engineering , B S Abdur Rahman Crescent Institute of Science and Technology, Chennai from 7th to 12th September 2020.
20. AICTE Sponsored One Week Online Short Term training Program on **Advanced Techniques in Modeling & Analysis for Structural and Thermal Applications** organized by Department of Mechanical Engineering, VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad from 31st August to 5th September 2020.

21. AICTE Sponsored One Week Short Term Training Program (STTP) on **Recent Advancements on Micro electro Mechanical System (MEMS), Mechatronics and their applications for future challenges** organized by Department of Mechanical Engineering (Mechatronics), Mahatma Gandhi Institute of Technology, Hyderabad from 24th to 29th August 2020.
22. One week Faculty Development Program on **Innovative Product design, Precision Engineering and Optimization (IPDPEO-2020)** organized by Department of Mechanical Engineering, Vasavi College of Engineering, Hyderabad from 10th – 14th August 2020.
23. Three Day Faculty Development program on **How to handle online classes in an effective way** organized by Internal Quality Assurance cell (IQAC) and HRD Cell , Knowledge Institute of Technology, Chennai on 4th , 5th & 7th August 2020.
24. AICTE Sponsored One Week Online Short Term Training Program on “**Recent Advances in Materials and Manufacturing: Part I**” conducted by the Department of Mechanical Engineering, Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam, from 3rd to 8th August, 2020.
25. AICTE Sponsored One week Short Term Training Program on **Non Traditional algorithm: Efficacious for multi objective optimization** conducted by the Department of Mechanical Engineering, PARK College of Engineering & Technology, Tamilnadu from 3rd to 8th August, 2020.
26. One Week AICTE Sponsored Short Term Training Program on **Nanotechnology and Functional Materials** organized by Department of Mechanical Engineering SV College of Engineering, Tirupati from 27th July – 1st August 2020.
27. One day workshop on **Additive Manufacturing** organized by Department of Mechanical Engineering, Mandsaur University, Madhya Pradesh in association with M Cube 3D Printing Pvt Ltd on 25th July 2020.
28. Five day online Faculty Development program on **Frontiers of research in Mechanical Engineering-FORME2020** organized by Department of Mechanical Engineering, Satya Institute of Technology and Management, Vizianagaram, Andhra Pradesh from 22nd to 26th July 2020.
29. One Week online faculty Development program on **Recent advances in Renewable Energy & Energy efficiency Technologies** organized by Department of Mechanical Engineering, Mahatma Gandhi Institute of Technology, Hyderabad from 21st – 25th July 2020.
30. One Week online faculty Development program on **Lost Foam Castings** organized by Department of Mechanical Engineering, Sree Chaitanya College of Engineering, Karimnagar from 20th – 25th July 2020.
31. Two Day Faculty Development Program on **Automotive Noise, vibration and Non linear Finite Element Analysis and software Application** organized by Department of Mechanical Engineering, Visvesvaraya College of Engineering & Technology, Hyderabad from 24th to 25th July 2020.

32. AICTE Sponsored A one week online Short Term Training Programme on **Failure and damage Mechanics of High Performance Engineering Materials** organized by Department of Mechanical Engineering, Anil Neerukonda Institute of Technology & Sciences, Andhra Pradesh from 13th - 18th July 2020.
33. Six Days AICTE Sponsored online Short Term Training Programme on **Smart Manufacturing-Opportunities & Challenges** organized by Department of Mechanical Engineering, St.Joseph's College of Engineering, Chennai from 13th - 18th July 2020.
34. A Five Day National Level online faculty development Program on **Research Innovations in Mechanical Engineering** organized by Department of Mechanical Engineering, Sasi Institute of Technology & Engineering, Tadepalligudem, Andhra Pradesh from 13th - 17th July 2020.
35. One Day online workshop on **NAAC- Assessment & Accreditation Step by step Process and Procedure** organized by VB Academy, Chennai on 12th July 2020.
36. One week online faculty development Program on **Recent Developments in Mechanical Engineering** organized by Department of Mechanical Engineering, Kakatiya Institute of Technology and Science, Warangal from 7th – 11th July 2020.
37. Online FDP cum workshop on **Future of Engineering Education and work in post Covid-19 world** conducted by Chouksey Group of Colleges, Bilaspur, Chattisgarh from 6th -11th July 2020.
38. Five days online faculty development Program on **Contemporary Issues of Biofuels and applications (CIBFA-2020)** organized by Department of Mechanical Engineering, St.Ann's College of Engineering & Technology, Chirala, Andhra Pradesh from 6th - 10th July 2020.
39. One Week online faculty Development program on **Recent advances in Mechanical Engineering: A research perspective** organized by Department of Mechanical Engineering, Mahatma Gandhi Institute of Technology, Hyderabad from 6th – 10th July 2020.
40. One week faculty development Program on **Recent Innovations and Futuristic scope for research in Internal Combustion Engines** organized by Department of Mechanical Engineering, St.Joseph's College of Engineering, Chennai from 29th - 4th July 2020.
41. One week faculty development Program on **Advanced Materials & Manufacturing** organized by Department of Mechanical Engineering, Kakatiya Institute of Technology and Science, Warangal from 29th -3rd July 2020.
42. One week online faculty development Program on **Emerging research areas in Mechanical Engineering** organized by Department of Mechanical Engineering, CMR Technical Campus, Hyderabad from 29th -3rd July 2020.
43. One week online faculty development Program on **Technological Advancements in Mechanical Engineering** organized by Department of Mechanical Engineering, Balaji Institute of Technology & Science, Warangal from 29th -3rd July 2020.

44. 6 Days Online faculty development Program on **Research areas in Mechanical Engineering** organized by Department of Mechanical Engineering, CMR Institute of Technology, Bangalore from 28th -3rd July 2020.
45. 6 days Online faculty Development Program on **Automation and Robotics** organized by Malla Reddy college of engineering, Secunderabad from 24th to 30th June 2020 in association with Indian Society for Technical Education (ISTE) and MHRD Institution's Innovative Council (MIC).
46. International Virtual Conference on **Wearable Technologies & Applications: Emerging Trends and Innovations** organized by Center for Wearable Technology and Applications, School of Electronics Engineering, Vellore Institute of Technology, Vellore on 26th and 27th June 2020.
47. One week faculty development Program on **Advancement's in science and its applications in Engineering** organized by Hyderabad Institute of Technology & Management, Hyderabad from 22nd -26th June 2020.
48. National level one week online faculty Development program on **Recent advancements in Mechanical Engineering** (RAME 2020) organized by Department of Mechanical Engineering, Bharat Institute of Engineering & Technology, Hyderabad from 22-26, June 2020.
49. National level one week online faculty Development program on **advancements in Manufacturing and optimization techniques** (AMOT 2020) organized by Department of Mechanical Engineering, Jayamukhi Institute of Technology & Sciences, Narsampet, Warangal, Telangana from 22-26, June 2020.
50. Faculty Development program on role of **latex in scientific writing** organized by Department of mathematics, Babu Banarasi Das Northern India Institute of Technology, Lucknow from 19-21, June 2020.
51. One day Virtual workshop on **Electronic control systems of Two wheeler (FI System)** conducted by Skyy Rider Institutions, Odisha on 21st June 2020.
52. Faculty Development Programme on "**Industry 4.0 A Vision of design & Manufacturing**" organized by Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad (Autonomous), Hyderabad from 16th – 20th June 2020.
53. One Week National Level Webinar series on **Emerging trends in Mechanical Engineering** organized by Department of Mechanical Engineering, Bharat institute of Engineering & Technology, Hyderabad from 16th to 20th June 2020.
54. Five Days online Faculty Development program on **Manufacturing, Machining and testing of composites** organized by Department of Mechanical Engineering, Sri Sai Ram Institute of Technology, Chennai from 15-19, June 2020.
55. One week Faculty Development program on **Advanced Materials Research** Organized by Department of Science & Humanities, Bharat institute of Engineering & Technology, Hyderabad and Indian Ceramic society from 15th to 19th June 2020.

56. National Level Five day Faculty Development program on **Scilab** organized by Department of science & Humanities, St. Peters Engineering College, Hyderabad in association with IIT, Bombay (Remote Learning through Spoken tutorial) from 15th to 19th June 2020.
57. Three day online Faculty Development program on **Metrology and Measurements** conducted by Department of Mechanical Engineering, Meenakshi College of Engineering, Chennai from 16th – 18th June 2020.
58. One Week National Level Faculty Development program on **Moodle Learning Management System** organized by JNTUH College of Engineering, Sultanpur in association with Spoken Tutorial Project, IIT, Bombay from 10th to 15th June 2020.
59. One day Virtual workshop on **BS-VI Emission control Technology** conducted by Skyy Rider Institutions, Odisha on 14th June 2020.
60. Three Day Faculty Development program on **Mechanical behavior of Bio & Composite Materials** organized by Department of Mechanical Engineering, Andhra Loyola Institute of Engineering & Technology, Vijayawada from 11th – 13th June 2020.
61. Webinar Series on **Technological solution of Covid and post covid challenges in society** Organized by Department of electronics & Communications engineering, Bharat Institute of Engineering & Technology, Hyderabad from 8th to 12th June 2020
62. Five Day Online FDP on **Emerging Trends in Mechanical Engineering** organized by Department of Mechanical Engineering, St. Peters Engineering College, Hyderabad from 2nd to 6th June 2020.
63. Webinar Series on **recent revolutions in Mechanical Engineering** Organized by Department of Mechanical Engineering, J.B. Institute of Engineering & Technology, Hyderabad from 2nd to 6th June 2020.
64. One week online Faculty Development program on **the effective techniques of teaching and e commerce** organized by Saraswati Institute of Technology, Maharashtra from 1st to 5th June 2020.
65. Three day Online Faculty Development program on **The Role of Artificial Intelligence and Machine Learning in Robotics and Automation** Organized by Science and Technology Innovation Center, Anurag University, Hyderabad from 1st to 3rd June 2020.
66. National level three day online workshop on **the role of industry and academia in building Institutions and innovations** Organized by Industry Institute Interaction Cell, Anurag University, Hyderabad from 28th to 30th May 2020.
67. Online Faculty Development program on **Interactive session on growing Integrally** organized by Department of Mechanical Engineering, CMR Technical Campus, Hyderabad in association with Trust Eager to Forge Ahead, Hyderabad on 15th, 16th, 22nd, 23rd, 30th May 2020.
68. One Week Faculty Development Program on **Advanced NDT Techniques & Applications in Industry** organized by Indian Society for Non Destructive Testing,

Hyderabad Chapter in association with Department of Mechanical Engineering, QISCET, Ongole, Andhra Pradesh from 25th to 29th May 2020.

69. Five Day Online Faculty Development program on **Artificial Intelligence** organized by Department of Information Technology, Sir CR Reddy College of Engineering, Andhra Pradesh in association with National youth council of India and Brain O Vision Solutions India Pvt Ltd. from 22nd to 26th May 2020.
70. One week Faculty Development Program on **Modeling and Optimization Techniques for materials and manufacturing processes** organized by Lakireddy Balireddy College of Engineering, Andhra Pradesh from 18th to 22nd May 2020.
71. Faculty Development Program on **Advances in Mechanical Engineering & Manufacturing Processes** organized by Department of Mechanical Engineering, CMR Institute of Technology, Telangana from 11th to 13th May 2020.
72. One Week Online FDP on **Additive Manufacturing: 3D Printing ,It's Role in Fight Towards Covid-19** organized by Department of Mechanical Engineering, CMR Technical Campus, Hyderabad, Telangana from 4th – 9th May 2020.
73. Two week FDP on **Recent Advances in Mechanical Engineering** organized by Department of Mechanical Engineering, CMR College of Engineering & Technology, Hyderabad from 20th to 30th April 2020 .
74. One Day National Workshop on “**Impact of Autonomy in Higher Education Institutions**” on 27th July 2019 organized by JNT University Hyderabad, under TEQIP-III at UGC Human Resource Development Centre, JNT University Hyderabad, Kukatpally, Hyderabad.
75. Awareness workshop on "**Collaborative Research**" on 23rd July 2019 at UGC-HRDC auditorium, JNTU Hyderabad.
76. **IUCEE Leadership Summit** from 11th – 13th July 2019 organized by Indo Universal Collaboration for Engineering Education (IUCEE) at International Centre, Goa, India.
77. **ABET Accreditation seminar** on 11th July 2019 organized by Indo Universal Collaboration for engineering Education (IUCEE) at International Centre, Goa, India.
78. Two week DST sponsored Faculty Development Program on **Metaheuristic Optimization Algorithms in Engineering** organized by E & ICT Academy, National Institute of Technology Warangal, Telangana State from 6th to 15th May 2019 at CMR College of Engineering & Technology, Hyderabad.
79. Two week DST sponsored Faculty Development Program on **Entrepreneurship Development** organized by SR Engineering College, Warangal, Telangana State from 26.11.2018 to 08.12.2018.
80. Two day National level Workshop on **Additive Manufacturing Technology** organized by Department of Mechanical Engineering, CMR Institute of Technology on 26th & 27th October 2018.

81. One Day invited lecture on **Current Trends in Precision Engineering** by Prof. V C Venkatesh, University of Nevada, Las Vegas, USA on 7th September 2018, organized by Department of Mechanical Engineering, CMR College of Engineering & Technology, Hyderabad.
82. Faculty Development Program on **adoption of FOSS for Effective Teaching and Learning in Engineering** from 18th to 23rd June 2018 at CMR College of Engineering & Technology, Hyderabad.
83. One week short term training program on **Advancements in Thermal Engineering** (ATE-2018) organized during 19th – 24th February 2018 by the Department of Mechanical Engineering, Gokaraju Rangaraju Institute of Engineering & Technology (Autonomous), Hyderabad, Telangana State, India.
84. Two-week Faculty Development Programme on **Rapid Casting Techniques** conducted by Department of Mechanical Engineering from 27th November to 9th December 2017 at Gurunanak Institute of Technology, Hyderabad.
85. One week Faculty Development Programme on **Engineering Graphics** from 24th to 29th July 2017 at CMR College of Engineering & Technology, Hyderabad.
86. Two-week Faculty Development Program on **Current trends in Materials and Manufacturing** from 15th May 2017 to 27th May 2017 at CMR College of Engineering & Technology, Hyderabad.
87. IEEE Authorship Workshop on **How to Publish a Technical paper with IEEE** at Vignana Bharathi Institute of Technology, Hyderabad on 22nd December 2016.
88. One week Faculty Development Program on **Numerical Methods and Optimization Techniques in Engineering Research** from 14th -20th December 2016 at CMR Engineering College, Hyderabad.
89. One week Faculty Development Program on **Hyper-works & Computational Fluid Dynamics** from 5th –10th December 2016 at St.Martin's Engineering college, Dhulapally, Secunderabad.
90. One week Faculty Development Program on **Applications of CFD in Thermal –Fluids Engineering** from 29th Feb – 2nd March 2016 at CMR Engineering college, Hyderabad.
91. One week Faculty Development Programme on **Finite Element Analysis and Practices through ANSYS** from 30th Nov-5th Dec 2015 at Geetanjali College of Engineering & Technology, Hyderabad.
92. Two day national level workshop on **Materials Characterization** from 30th -31st August 2013 at CMR Institute of Technology, Hyderabad.
93. Three Day workshop on **teaching Engineering using LAB VIEW** conducted by Indo-US Engineering Faculty Leadership Institute from 22nd -24th June, 2011 at CMR College of Engineering & Technology, Hyderabad.
94. Three Day Workshop on **Practical HR** Conducted by Indian HR Street and CMR College of Engineering & Technology, Hyderabad from 9th to 11th December 2010.

95. One day National Seminar on **Advanced Manufacturing systems** at Osmania University, Hyderabad, A.P. on 30th July 2009.
96. Two Day National Seminar on **Precision Engineering** at JNTU College of Engineering, Hyderabad, AP, from 10th – 11^h July 2009.
97. Three Day **Entrepreneurship Awareness Programme** at CMR College of Engineering & Technology, Hyderabad from 25th to 27th September 2008
98. **Back To Basics Workshop on Mechatronics** at CMR College of Engineering & Technology, Hyderabad from 1st to 2nd September 2008.
99. Short Term Training Programme (STTP) on **MECHATRONICS** conducted by Institution of Engineers, AP State center, Hyderabad from 16th to 20th June 2008.
100. Training Programme in **Instructional Design & Delivery** conducted by National Institute of Technical Teachers Training & Research, Chennai at CMR College of Engineering & Technology, Hyderabad from 15th to 20th July 2005.
101. AICTE Sponsored **Technical Teachers Induction Training Programme** at JNTU College of Engineering, Kakinada, AP, from 22nd May – 9th June 2000.

Webinars Attended:

1. National Webinar on “**Recent Advances in Aluminium Alloys Technology and failure Analysis of Industrial Components**” organized by Department of Mechanical Engineering, VFSTR (Deemed to be University), Guntur Dt. Andhra Pradesh on 19th June 2021.
2. One day workshop on “**Smart Manufacturing: Connected Factories**” on 17th June 2021, organized by The Institution of Engineers(India), Telangana State Centre in Association with Department of Mechanical Engineering, CBIT, Hyderabad-75.
3. One day Virtual Webinar on “**Need and Importance of variety reduction industries**” Organized by Mechanical Engineering Department, Mandsaur University on 29th May 2021.
4. National Webinar on “**Effective and Efficient Writing of Research Papers for the Web of Science, Scopus Indexed Journal and Conference Papers Using Typeset Research Studio**” conducted by Sushant University, Gurugam on 29th May 2021.
5. A Webinar on **Additive Manufacturing : Application, Challenges and Future Scope** organized by the Department of Mechanical Engineering, Vignan Institute of Technology and Science, Deshmukhi, Yadadri Bhuvanagiri Dt. on 22nd May 2021.
6. Webinar on **Intellectual Property Rights (IPR) & Patent process** organized by Internal Quality Assurance Cell (IQAC) of KCE Society's, College of Engineering and Management, Jalgaon, in association with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM), Nagpur on **2nd February 2021**.

7. One Day Virtual Training on **Advanced high pressure fuel pump with common rail Technology by Bosch** conducted by Skyy Rider Institutions, Odisha on 22nd January 2021.
8. One day Global Webinar on **Trends and Developments in Robotics** organized by Department of Mechanical and Automobile Engineering, School of Engineering & Technology, CHRIST (Deemed to be University), Bangalore, India on 23rd October 2020.
9. Webinar on **Applications of Augmented Reality (AR) & Virtual Reality (VR) in Mechanical Engineering** organized by Department of Mechanical Engineering, Anurag University, Hyderabad in association with SNAGGER India on 30th September 2020.
10. First ever Digital Campus Placement Summit – **College to Corporate** held on 26th September 2020 organized by APLI, Mumbai.
11. Webinar on **National Education Policy -2020** organized by Mahatama Gandhi Institute of Technology, Hyderabad on 26th September 2020.
12. National Seminar on **Advances in Machining** organized by NITTR Kolkata in collaboration with Knowledge Partner SPIU, Uttar Pradesh held on 26th September 2020.
13. One Day National Webinar on **3D Printing Design and Application** organized by Department of Mechanical Engineering, Anantrao Pawar College of Engineering & Research, Pune in association with 3D exter Education Pvt.Ltd, Delhi on 24th September 2020.
14. International Webinar on **Skills on Data Analytics for a Modern Day Engineer** organized by Department of Mechanical Engineering, SSN College of Engineering, Chennai on 20th September 2020.
15. International Webinar on **Ethical leadership** organized by Department of Mechanical Engineering, SSN College of Engineering, Chennai on 20th September 2020.
16. One Day Global Webinar on **Redefining the service Robots after COVID 19: Shift in Enhancing service to Essential Service** organized by Department of Mechanical and Automobile Engineering, School of Engineering & Technology, CHRIST (Deemed to be University), Bangalore, India on 19th September 2020.
17. International Webinar on **Selectivity of Porous Composite for fuelcell in Aerospace Applications** organized by Department of Mechanical Engineering, SSN College of Engineering, Chennai on 19th September 2020.
18. Webinar on **Strategies for writing good research article – part II** organized by Department of Commerce, Manipal Academy of Higher Education in association with Indian Bureau of Administrators and Technocrats on 13th September 2020.
19. One Day Global Webinar on **Latest Trends in Research and Publication in Manufacturing Engineering** organized by Department of Mechanical and Automobile Engineering, School of Engineering & Technology, CHRIST (Deemed to be University), Bangalore, India on 12th September 2020.

20. Webinar on Hypersonic technology – Defence Research delivered by Mr, Pon Maa Kishan, Founder and President of Society of Aero organized by T.E.M.S. Era on 11th September 2020.
21. Webinar on **Introduction to Industrial designs, Filing Procedure and Registration** organized by Intellectual Property facilitation centre, MLR Institute of Technology, Hyderabad on 10th September 2020.
22. National Webinar on **Suicide Prevention** on the eve of World Suicide Prevention Day (10th September) jointly organized by Organization by Youth for Social Transformation and Environmental Recoup (O.Y.S.T.E.R.), a registered NGO : 442/09 & Hyderabad Psychological Association on 9th September 2020.
23. Webinar on **Digital Transformation- What, why & How** organized by Department of robotics and automation Engineering, Sri Ramakrishna Engineering College, Coimbatore on 9th September 2020.
24. Webinar on **WITNESS Horizon- Discrete Event Modeling, Simulation & Optimization Software for Advance manufacturing systems, Industrial Engineering, Production Planning & Control & Operations Research** organized by Indiasoft Technologies (P) Ltd., Pune on 8th September 2020.
25. International Webinar on **Nano Technology** organized by Department of Chemistry (H &S), Vignana Bharathi Institute of Technology, Hyderabad on 5th September 2020.
26. One day Global Webinar on **Manipulators in Robotics- Research Applications** organized by Department of Mechanical and Automobile Engineering, School of Engineering & Technology, CHRIST (Deemed to be University), Bangalore, India on 5th September 2020.
27. Webinar on **Everyone can do quality research- Talk 11: Optimization Tools for Productivity Enhancement** organized by Internal Quality Assurance cell (IQAC) and Research Forum , Knowledge Institute of Technology, Chennai on 3rd September 2020.
28. One Day Webinar on **Practical Implementation of Industry 4.0** organized by Department of Mechanical Engineering, Vasavi College of Engineering, Hyderabad on 2nd September 2020.
29. Webinar on **Strategies for writing good research article** organized by Department of Commerce, Manipal Academy of Higher Education in association with Indian Bureau of Administrators and Technocrats on 30th August 2020.
30. Two day webinar on **IoT Security (WISE)** during 28-29 August, 2020 organized by Centre for development of advanced Computing (C-DAC), Hyderabad and Society for Electronic Transactions & Security (SETS), Chennai in collaboration with Information Security Education Awareness (ISEA).
31. Webinar on **National Education Policy 2020 – Knowledge Series Transforming Higher Education : structure and Processes** on 27th August 2020 organized by The Associated Chambers of Commerce of India, ASSOCHAM, India.

32. Webinar on **Innovative 3 D Printing** conducted by Department of Mechatronics, SNS College of Engineering & Technology, Tamilnadu on 27th August 2020.
33. Webinar on **Everyone can do quality research- Talk 10: Topology Optimization** organized by Internal Quality Assurance cell (IQAC) and Research Forum , Knowledge Institute of Technology, Chennai on 27th August 2020.
34. Webinar on **Inter Disciplinary research on Cyber Security** conducted by Department of Mechatronics, SNS College of Engineering & Technology, Tamilnadu on 25th August 2020.
35. Webinar on **Role of industrial robots in Smart factories** conducted by Department of Mechatronics, SNS College of Engineering & Technology, Tamilnadu on 25th August 2020.
36. Webinar on **Biomass & the Conversion Technology** conducted by Department of Mechatronics, SNS College of Engineering & Technology, Tamilnadu on 21st August 2020.
37. Webinar on **Material Science and importance of developing Composite Materials** organized by Department of Science & Humanities, Sreenivasa Institute of Technology and Management Studies, Chittoor, Andhra Pradesh on 21st August 2020.
38. Webinar on **Everyone can do quality research- Talk 09: A Bird's Eye view on Empirical Research** organized by Internal Quality Assurance cell (IQAC) and Research Forum , Knowledge Institute of Technology, Chennai on 20th August 2020.
39. Two day Webinar on **Recent Developments in Manufacturing** Organized by Department of Mechanical Engineering, Anurag University, Hyderabad from 16th – 17th August 2020.
40. Webinar on **Advancement in Polymer nano composites (APNC 2020)** organized by Department of Mechanical Engineering, Parala Maharaja Engineering College, Berhampur, Odisha on 17th August 2020.
41. One day Online Webinar on **Revised Bloom's Taxonomy- a refresher approach** organized by Department of Mechanical Engineering, Narasimha Reddy Engineering College, Hyderabad on 16th August 2020.
42. Webinar on **Coal Fundamentals and utilization** organized by Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli, Tamilnadu on 15th August 2020.
43. Webinar on **Everyone can do quality research- Talk 08: My Research Journey** organized by Internal Quality Assurance cell (IQAC) and Research Forum , Knowledge Institute of Technology, Chennai on 13th August 2020.
44. Webinar on **Fundamentals of acoustics & Meta Materials** organized by Department of Mechanical Engineering, RISE Krishna Sai Prakasam Group of Institutions, Ongole, Andhra Pradesh on 7th & 8th August 2020.

45. Webinar on **Desalination by Solar Driven Interfacial Evaporation - A promising solution for fresh water scarcity** organized by Department of Mechanical Engineering, St.Joseph's College of Engineering, Chennai on 8th August 2020.
46. Webinar on **Challenges and Opportunities for Engineers in Electric Vehicle Design & Development** organized by Department of Mechanical Engineering, JAIN Deemed to be University, Bengaluru on 7th August 2020.
47. Webinar on **Material Thermodynamics: Fundamentals & its applications** organized by Department of Mechanical Engineering, Nadar Saraswati College of Engineering & Technology, Tamilnadu on 7th August 2020.
48. Webinar on **Everyone can do quality research- Talk 07: Insights on quality Research** organized by Internal Quality Assurance cell (IQAC) and Research Forum , Knowledge Institute of Technology, Chennai on 6th August 2020.
49. Webinar on **Development of TES Technology Solutions for Improvement of Solar Energy Systems Reliability** organized by Department of Mechanical Engineering, St.Joseph's College of Engineering, Chennai on 6th August 2020.
50. Webinar on **Fire and Safety Engineering** organized by Department of Mechanical Engineering, Kalasalingam Academy of Research and Education, Tamilnadu on 2nd August 2020.
51. Webinar on Entrepreneurship **Opportunities in Robotics** organized by Robotics Club of VIT Chennai on 2nd August 2020.
52. Webinar on **Electric Mobility & its Eco System** organized by Department of Automobile Engineering, SNS College of Engineering & Technology, Tamilnadu on 1st August 2020.
53. Webinar on **Data Mining Processes in Manufacturing System** organized by Department of Mechanical Engineering, Nadar Saraswati College of Engineering & Technology, Tamilnadu on 1st august 2020.
54. Webinar on "**How to Draft and File a Patent Application: Your First Step to Protection**" organized by Team LLAGT on 27th July 2020.
55. National Webinar on **Non Destructive Testing and its Industrial applications** organized by Department of Mechanical Engineering, SRM Institute of Science & Technology, Chennai on 26th July 2020.
56. Webinar on **Plastics Challenges- Processing & Recycling** organized by Department of Mechanical Engineering, Vignan Institute of Technology & Science, Telangana on 26th July 2020.
57. Webinar on **Deep Space Dreams** organized by Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli, Tamilnadu on 25th July 2020.
58. Webinar on **Development of bio Preservation and Manufacturing methodologies** for clinical applications organized by Department of Mechanical Engineering, St.Joseph's College of Engineering, Chennai on 25th July 2020.

59. Webinar on **Introduction of CFD** with applications organized by Department of Mechanical Engineering, Vaagdevi College of Engineering, Warangal on 25th July 2020.
60. Webinar on a **virtual approach of faculties in making students Industry ready during pandemic of COVID 19** organized by Department of Mechanical Engineering, JAIN Deemed to be University, Bengaluru on 25th July 2020.
61. Webinar on **Selection of Materials for Engineering Design** organized by Department of Mechanical Engineering, Kuppam Engineering College, Kuppam, Andhra Pradesh on 24th July 2020.
62. Webinar on **Research scope in Tribology** organized by Department of Mechanical Engineering, Vignan Institute of Technology & Science, Telangana on 21st July 2020.
63. Webinar on **Research Methodology** organized by Department of Mechanical Engineering, RISE Krishna Sai Prakasam Group of Institutions, Ongole, Andhra Pradesh on 21st July 2020.
64. Webinar on **Brake pad elastic properties and NVH Performance** presented by Dr. Donald E Yuhas, President, Industrial Measurement Systems Inc., Greater Chicago, USA organized by Department of Automobile Engineering, SRM Institute of Science & Technology, Chennai on 20th July 2020.
65. Webinar on **Advanced Machining Process** organized by Department of Mechanical Engineering, MIC College of Technology, Andhra Pradesh on 18th July 2020.
66. Webinar on **Everyone can do quality research- Talk 04: From Research & Technology Innovation to Entrepreneurship** organized by Internal Quality Assurance cell (IQAC) and Research Forum , Knowledge Institute of Technology, Chennai on 16th July 2020.
67. Webinar on **Art of Writing a Scientific Paper** organized by Department of Mechanical Engineering, Vignan Institute of Technology & Science, Telangana on 14th July 2020.
68. Webinar on **Innovative design by TRIZ Method** organized by Department of Mechanical Engineering, Narasimha Reddy Engineering College, Hyderabad on 13th July 2020.
69. Webinar on **IPR & Technology Transfer** organized by Institution's Innovative Council, RMK Engineering College, Tamilnadu on 12th July 2020.
70. India's First Leadership Talk with Shri Shashi Shekhar (CEO-Prasar Bharathi) held on 11th July 2020 by MHRD's Innovation cell.
71. Webinar on **Taguchi Techniques** organized by Department of Mechanical Engineering, Jayaraj Annapackiam CSI College of Engineering, Nazareth, Tamilnadu on 11th July 2020.
72. Webinar on **Importance of Ergonomics in Manufacturing** organized by Department of Mechanical Engineering, Mandsaur University, Madhya Pradesh on 11th July 2020.

73. Webinar on **Nano Fluids in Solar Energy Utilization** organized by Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli, Tamilnadu on 11th July 2020.
74. Webinar on **Fundamentals of Nano Fluids and heat transfer** organized by Department of Mechanical Engineering, Marthandam College of Engineering & Technology, Tamilnadu on 11th July 2020.
75. Webinar on **Sustainable Techniques in Metal Machining** organized by Department of Mechanical Engineering, Mahaveer Institute of Science & Technology, Hyderabad on 11th July 2020.
76. Webinar on From **Fluid Mechanics to Geophysical Fluid Dynamics: Pathway towards a career in Mechanical Engineering** organized by Department of Mechanical Engineering, St. Joseph's College of Engineering, Chennai on 10th July 2020.
77. Webinar on **Composites for Beginners** organized by Department of Mechanical Engineering, Vignan Institute of Technology & Science, Telangana on 9th July 2020.
78. Webinar on **Everyone can do quality research- Talk 03: A general prospective on CFD Research** organized by Internal Quality Assurance cell (IQAC) and Research Forum , Knowledge Institute of Technology, Chennai on 9th July 2020.
79. Webinar on **Application of PCM Nano fluids in Thermal power plants** organized by Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli, Tamilnadu on 8th July 2020.
80. Webinar on **Importance of FEA in product Design** organized by Department of Mechanical Engineering, Adi Shankara Institute of Engineering & Technology, Kerala on 8th July 2020.
81. Webinar on **Vehicle Control System** conducted by Department of Automobile Engineering, Madras Institute of Technology Campus, Anna University, Chennai on 8th July 2020.
82. Webinar on scope in Automotive Industry organized by Department of Mechanical Engineering, MVSR Engineering College, Hyderabad in association with Elite Techno Groups on 8th July 2020.
83. Webinar on **Shape Memory Alloys: Application & Research opportunities** organized by Department of Mechanical Engineering, Vignan Institute of Technology & Science, Telangana on 7th July 2020.
84. Webinar on **Application of CAE in Power Train Engineering** conducted by Department of Automobile Engineering, Madras Institute of Technology Campus, Anna University, Chennai on 7th July 2020.
85. Webinar on **Engine Technology and Emission trends** conducted by Department of Automobile Engineering, Madras Institute of Technology Campus, Anna University, Chennai on 6th July 2020.

86. Webinar on **Computer Vision and Deep Learning** organized by Robotics Club of VIT Chennai on 4th July 2020.
87. Webinar on **Current Trends in Automation** organized by Robotics Club of VIT Chennai on 4th July 2020.
88. Webinar on **Everyone can do quality research- talk 01: Instrumentation for research in Thermal Engineering** organized by Internal Quality Assurance cell (IQAC) and research Forum , Knowledge Institute of Technology, Chennai on 4th July 2020.
89. Webinar on **Strategy & Evolution of Green Automotive Environment** organized by Department of Mechanical Engineering, St.Joseph's College of Engineering, Chennai on 4th July 2020.
90. Webinar on **Engines, Hybrids, Electric Propulsion** organized by Department of Mechanical Engineering, St.Joseph's College of Engineering, Chennai on 4th July 2020.
91. Webinar on **Business Process Management** conducted by Department of Automobile Engineering, Madras Institute of Technology Campus, Anna University, Chennai on 4th July 2020.
92. Webinar on **Role of nanoparticle additives in Engine research** organized by Department of Mechanical Engineering, St.Joseph's College of Engineering, Chennai on 3rd July 2020.
93. Webinar on **Impact of Defence Sector Privitisation on Aerospace Industries** conducted by Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad on 3rd June 2020.
94. Webinar on **Reliable Automobile Design** conducted by Department of Automobile Engineering, Madras Institute of Technology Campus, Anna University, Chennai on 3rd July 2020.
95. Webinar on **Operations Management- An Over view** organized by Department of Mechanical Engineering, NRI Institute of Technology, Guntur, Andhra Pradesh on 3rd July 2020.
96. Webinar on **NAAC Assessment and Accreditation process** organized by UGC HRDC, JNTU Hyderabad on 3rd July 2020.
97. Webinar on **Role of Simulation in Power Train development** conducted by Department of Automobile Engineering, Madras Institute of Technology Campus, Anna University, Chennai on 2nd July 2020.
98. Webinar on **Diesel Engine Emission Control Technology** organized by Department of Mechanical Engineering, St.Joseph's College of Engineering, Chennai on 2nd July 2020.
99. Webinar on **Internet of things (IoT) and its applications** conducted by Lenora College of Engineering, Rampachodavaram, Andhra Pradesh on 2nd July 2020.

100. Webinar on **Material Developments for diesel particulate Filter** organized by Department of Mechanical Engineering, St. Joseph's College of Engineering, Chennai on 1st July 2020.
101. Webinar on **Project Management** conducted by Department of Automobile Engineering, Madras Institute of Technology Campus, Anna University, Chennai on 1st July 2020.
102. Three Days international Webinar on **New Approaches in Mechanical Engineering** organized by Department of Mechanical Engineering, JSS academy of Technical Education, Noida from 29th June to 1st July 2020.
103. Webinar on **Career Opportunities for Mechanical Students in Aeronautical Industries** organized by Panimalar institute of technology, Chennai on 30th June 2020.
104. Webinar on **Machine building Control system and SCADA** organized by Robotics Club of VIT Chennai on 27th June 2020
105. Webinar on **Manufacturing Execution Systems and IIOT** organized by Robotics Club of VIT Chennai on 27th June 2020
106. Webinar on **Entrepreneurial Avenues and opportunities: A Way Forward** organized by Panimalar Institute of Technology, Chennai on 27th June 2020.
107. Webinar on **Leadership talk** with Sri Dipendra Manocha (motivational speaker) organized by MHRD's Innovation Cell on 27th June 2020.
108. Webinar on **Functionally Graded Metal matrix composites** organized by Department of Mechanical Engineering, Vignan Institute of Technology & Science, Telangana on 27th June 2020.
109. Webinar on **Energy Conversion Technologies: Past, Present and Future** organized by Department of Mechanical Engineering, Nadimpally Satyanarayana Raju Institute of Technology, Visakhapatnam, Andhra Pradesh on 27th June 2020.
110. Six Days Webinar on **Modern Materials and Industrial Automation** conducted by Department of Mechanical Engineering, Sri Sai Ram Institute of Technology, Chennai from 20 -25, June 2020.
111. Two Day International Webinar on **Yoga for Public Health** organized by Shreshth Kala Sangam, Delhi, India and Institute of Advanced Sciences, Dartmouth, USA on 20th & 21st June 2020.
112. Webinar on **Emerging technologies in Manufacturing- An overview** organized by Department of Mechanical Engineering, Vemu Institute of Technology, Andhra Pradesh on 20th June 2020.
113. Webinar on **Enhancing Teaching Learning Experience using CAD Tools in Machine Drawing** organized by Department of Mechanical Engineering, CMR Technical Campus, Hyderabad on 19th June 2020.

114. Webinar on **Introduction to ANSYS Capabilities** organized by Department of Mechanical Engineering, Bharat institute of Engineering & Technology, Hyderabad on 18th June 2020.
115. Webinar on **Nano Filler based Epoxy Composites** organized by Department of Mechanical Engineering, Bharat institute of Engineering & Technology, Hyderabad on 17th June 2020.
116. Webinar on **Quality Audit Process in Academics** organized by Internal Quality Assurance Cell, KG Reddy College of Engineering & Technology, Telangana on 17th June 2020.
117. Webinar on **Ecological Footprint and its applications** organized by Department of Mechanical Engineering, Bharat institute of Engineering & Technology, Hyderabad on 16th June 2020.
118. Webinar on **The role of Management in Manufacturing post Covid** conducted by Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad on 16th June 2020.
119. Webinar on **Digital literacy on improving Class room dynamics** organized by Department of basic Science & Humanities, Vignan's Institute of Management & Technology for Women, Hyderabad on 10th June 2020.
120. Webinar on **Flownex, Thermodynamic design, Modeling, Simulation, Analysis & Optimization Software** organized by Indiasoft Technologies (P) Ltd. On 10th June 2020.
121. Webinar on **Being Sane during insane times** organized by M.Sc.Bioanalytic Sciences, Guru nanank Khalsa college of arts, Science and Commerce , Mumbai under the aegis of RUSA on 9th June 2020.
122. Webinar on **Tools for making Your thesis complete** by Usha Rama College of Engineering & Technology, Telaprolu, Andhra Pradesh on 7th June 2020.
123. Webinar on **Strengthening and retrofitting of structures** organized by Department of civil Engineering, Samarth Group of Institution College of engineering, Pune on 5th June 2020.
124. Webinar on **Relevance of IEEE standards in teaching, Learning, and Industry collaborations** organized by EBSCO Information Services India Pvt. Ltd. On 4th June 2020.
125. Webinar on **Cyber Security: Present and Quantum Era** organized by Information Security Education Awareness (ISEA), CDAC on 4th June 2020.
126. Webinar on **Emotional Well being at Work: Psychology of emotional Intelligence for Teaching faculty** organized by Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad on 4th June 2020.

127. Webinar on **Scope of Automobile Engineering 2020-2050** organized by Department of Automobile Engineering, Arasu Engineering College, Kumbakonam, Thanjavur, Tamilnadu on 3rd June 2020.
128. Webinar on **Role of Machine Learning in cyber security** organized by Information Security Education Awareness (ISEA), CDAC on 1st June 2020.
129. Webinar on **Writing a research paper for good indexed journals** by Dadi Institute of Engineering & Technology, Andhra Pradesh on 30th May 2020.
130. Webinar on **Evolution of Connected Factories (Industry 5.0)** organized by Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad on 30th May 2020.
131. Webinar on **Sustainable Construction Materials- An East African Perspective** organized by Department of Civil Engineering, SCAD College of Engineering & Technology, Tamilnadu on 30th May 2020.
132. Webinar on **Three E's of performing arts: Expression, Emotion and Experience** organized by Rizvi Educational Society in collaboration with MKLM's B.L. Amlani College of commerce and Economics and M.R.Nathwani's College of Arts, Mumbai on 30th May 2020.
133. Webinar on **Gyroscopic Instruments and their modern alternatives** organized by T.E.M.S. academy on 29th May 2020.
134. Webinar on **IC Engine Performance Enhancement Techniques** Organized by Department of Mechanical Engineering, J.B. Institute of Engineering & Technology, Hyderabad on 29th May 2020.
135. Webinar on **Being a digital entrepreneur** organized by Department of Electronics & Communications Engineering, SCAD College of Engineering & Technology, Tamilnadu on 29th May 2020.
136. Webinar on **Future of Library and LMS: Flexibility solutions for young Leraners and academicians** organized by Department of Library, People's Educational society's Siddharth college of Arts, science and commerce, Mumbai in association with National Child and Woman Development council, Maharashtra state and Edfly on 29th May 2020.
137. Webinar on **Effective Instructional skills for TVET Teachers** organized by Colombo Plan Staff College, Srilanka on 28th May 2020.
138. Webinar on **How to use CAD to enhance teaching learning experience in Kinematics of Machines** organized by Department of Mechanical Engineering, Methodist College of Engineering & Technology, Hyderabad on 28th May 2020.
139. Webinar on **Social Entrepreneurship** organized by Department of Bachelor of Management studies, KPB Hinduja College of commerce, Mumbai in association with Edfly on 28th May 2020.

140. Webinar on **Advanced Finite Element Analysis Concepts & Applications** organized by Department of Mechanical Engineering, AISSMS College of Engineering, Pune on 27th May 2020.
141. Webinar on **Technology and its implications on Economy in 21st Century** Organized by Department of Mechanical Engineering, Chebrolu Engineering College, Guntur, Andhra Pradesh on 27th May 2020.
142. Webinar on **Functionally Graded Metal matrix composites for Engineering Applications** organized by Department of Mechanical Engineering, Sri Indu College of Engineering & Technology, Hyderabad on 21st May 2020.

Memberships in Universities/Professional Societies:

1. Life Member of Tribological Society of India (LM # 5988)
2. Fellow of The Institution of Engineers (India) (**F 1241377**) / **29-06-2018**.
3. Life Member of The Institution of Engineers (India) (**M 1440548**) / **26-09-2011**.
4. Life Member of Indian Society of Technical Education, New Delhi (**LM 64745**)/**2009**.
5. Fellow of International Society for Research and Development (**ISRD**) (**F 3140900748**)
6. Member of Institute for Engineering Research and Publication (**IFERP**) (**PM12607348**)
7. Member of International Association of Engineers (**Member No. 201447**)
8. Life Member of Alumni Association of Osmania University, A.P.
9. Life Member of Alumni Association of JNTU, Kakinada, A.P.

OTHER ACHIEVEMENTS:

1. AUTOCAD 2012 Certified Associate (Certificate No. 00403212)