



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)**

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in



Faculty Achievements

Academic year 2022-23

FDP/STTP/Workshops/Guest Lectures organized by the department:

1. Dr P Prabhakar Reddy & Mrs. V Sandhya as part of EDC organised "World Entrepreneurs Day" jointly organized along with IIC-CBIT during 21 Aug - 24th Aug 2022
2. A Guest Lecture by Sri KISHORE was organized by Dr. B V S Rao on the occasion of World Entrepreneurship Day celebrations on 23/08/2022

Conferences Presented / attended by the faculty:

1. KIRAN KUMAR AMIREDDY presented a paper titled "Heat Transfer Enhancement Study with Rectangular and Trapezoidal Fins using Finite Volume Method" in 2nd GEAST Global Conference on Energy, Environment & Climate Change (EECC-2022) organised by CIIR, Noida and TMU, Moradabad on 10th Sept' 2022

FDPs/ Workshops/STTPs/Seminars attended by the faculty:

1. Dr Ranjith Singh attended a Two week FDP on "Recent Trends in robotics / Smart Materials Processing and Applications" jointly organised by IIT Roorkee, MNIT Jaipur, NIT Patna and PGPM IIITDM Jabalpur during July 4-15, 2022
2. Dr. Ch Indira Priyadarsini attended a Two week FDP on "Recent Trends in robotics / Smart Materials Processing and Applications" jointly organized by IIT Roorkee, MNIT Jaipur, NIT Patna and PGPM IIITDM Jabalpur during July 4-15 2022
3. Dr. Ch Indira Priyadarsini attended 5-Day Faculty Development Programme on "Enhancing Research Eco-system in the Campus" organized by Research & Development Cell, Mall Reddy college of Engineering during 22nd to 26th August 2022.
4. Dr. MD. ALEEM PASHA attended AICTE Recognized Faculty Development Programme On Smart Materials Processing and Applications organised by Applied Science Department, NITTR, at CBIT, Gandipet, Hyderabad during 25/07/2022 to 29/07/2022
5. Sri P Kiran Kumar attended Two week FDP on "Recent Trends in robotics / Smart Materials Processing and Applications" organized by IIT Roorkee, MNIT Jaipur, NIT Patna and PGPM IIITDM Jabalpur during July 4-15 2022
6. Mr. CHINTIREDDY SHARATH REDDY attended AICTE Recognized Faculty Development Programme On Smart Materials Processing and Applications organized by Applied Science Department, NITTR, at CBIT, Gandipet, Hyderabad during 25/07/2022 to 29/07/2022
7. Mr. K. Yasoda Sreeram attended AICTE Recognized Faculty Development Programme On Smart Materials Processing and Applications organized by Applied Science Department, NITTR, at CBIT, Gandipet, Hyderabad during 25/07/2022 to 29/07/2022
8. Mrs. K N V Sreedevi attended 2 week Entrepreneurship course organized by Turnip Innovations during 13 July - 26 July 2022
9. Mrs. K N V Sreedevi attended a 2 week Patent course by Turnip Innovations during 26 Aug - 4 Sept 2022
10. Mr D Ravi attended ATAL - FDP on Signaling and Automatic Train Protection - KAVACH for Faculty Members of Engg. Colleges organised by Indian Railways Institute of Signal Engg and Telecommunications(IRISSET) during 5/9/22 - 16/9/22
11. Mr D Ravi attended a Two week FDP on "Recent Trends in robotics / Smart Materials Processing and Applications" organized by IIT Roorkee, MNIT Jaipur, NIT Patna and PGPM IIITD Jabalpur during July 4-15 2022
12. Dr Rahul attended ATAL - FDP on Signaling and Automatic Train Protection - KAVACH for Faculty Members of Engg. Colleges organised by Indian Railways Institute of Signal Engg and Telecommunications(IRISSET) during 5/9/22 - 16/9/22
13. Mr P Surender Reddy attended ATAL - FDP on Signaling and Automatic Train Protection - KAVACH for Faculty Members of Engg. Colleges organised by Indian Railways Institute of Signal Engg and Telecommunications(IRISSET) during 5/9/22 - 16/9/22
14. Dr Y S Kannan attended ATAL - FDP on Signaling and Automatic Train Protection - KAVACH for Faculty Members of Engg. Colleges organised by Indian Railways Institute of Signal Engg and Telecommunications(IRISSET) during 5/9/22 - 16/9/22
15. Dr. B V S RAO, participated in AICTE Training And Learning (ATAL) Academy Offline FDP on "Smart Manufacturing" from 20/07/2022 to 26/07/2022 at SHRI G.S. INSTITUTE OF TECH. & SCIENCE .

Guest Lectures delivered / Resource Person:

1. Dr Kiran Kumar A was a Peer reviewer for a paper titled "High Resolution ITSS as an Adjunctive Imaging tool in the evaluation of treatment Process" Radiology Editorial Committee, MRA, European Society of Medicine on April 26, 2022
2. DR RANJIT SINGH was awarded the certificate for reviewing a paper in the journal, Cleaner Materials, Elsevier in February 2022.
3. Dr N V Srinivasulu was a member of Jury in Poster Competition on Entrepreneurship in World Entrepreneurs Day Organised by IIC & EDC, CBIT during 21 Aug - 24th Aug 2022

Contribution to the outside world:

1. Dr A Kiran Kumar is Mentoring the project for ACIC, CBIT, Hyderabad

Awards received by the faculty:

1. Dr P Ravinder Reddy received the prestigious award - Mokshagundam Vishweshwaraiah Award for his outstanding contribution in the field of engineering by the Govt. of Telangana and the Institution of Engineers(India), Telangana on the occasion of 55th Engineer's Day Celebrations held at Visvesvaraya Bhavan, Hyderabad on 15th Sept 2022.
2. Dr A Kiran Kumar received the Best Teacher Award in the recognition of contribution in the field of R&D by CBIT, Hyderabad

Industry Visits:

1. Dr. B.V.S Rao, Dr. Ashutush Sahu, and Dr. A.Kiran Kumar visited Non Ferrous Materials Technology Development Centre to get acquainted with the industrial process and enhance knowledge in the areas of powder metallurgy and non ferrous alloys on 3/8/2022
2. Dr. B.V.S Rao, Dr. Ashutush Sahu, Dr. Ch Indira Priyadarsini, Mrs.Ch V Sushma, Mrs. Jyotirmayi, Ms Navaneeta and Dr. A.Kiran Kumar visited PENNAR INDUSTRIES ON 3/8/2022 FOR COLLABORATIVE WORKS .

Mechanical Engineering Department – Research projects

S. No.	Name of the Project (File no.)	Name of the Principal Investigator (PI) / Co-Investigator	Name of the funding agency	Date of sanction	Term of the project	Total Grant-in-aid (Rs.)
1	Thermo-structural studies on RCC structures for impact analysis	Dr. N. Janardhan	ASL-DRDO	*approved		950000/-
2	Development of ceramic coated diesel engine fuelled with CNG and biodiesel blended (9-242/IDC/MODROB/Policy-1)	Dr. M.V.S. Murali Krishna	AICTE-MODROB	20.07.2020	2020-22	947325/-
3	Experimental and numerical investigations on friction stir welding of Aluminium and Magnesium alloys (MRP-6749/16 GEN)	Dr. P. Ravinder Reddy	UGC-SERO	15.03.2018	2018-20	270000/-
4	Design and development of components of artificial heart	Dr. P. Ravinder Reddy	CBIT	16.03.2017	2016-21	5000000/-
5	Implementation of composite materials wind blades in wind mill (WOS-A-ET-1092/2015)	Mrs. Ramayee L & Dr. P. Ravinder Reddy	DST	26.10.2015	2015-19	2779000/-
Grand Total						9946325/-

Mechanical Engineering Department – List of Patents

S. No.	Title of the invention	Name of inventors	Application No.	Status	Publication Date	Date of filing
1	An apparatus and method for joining of weldable or non-weldable Materials	Dr. P. Ravinder Reddy & TATA Technologies PTE Ltd.	1550/MUM/2013	Granted (27.11.2020)	20.03.2015	29.04.2013
2	Tribological behavior of hybrid fiber reinforced friction material	Dr. P. Ravinder Reddy, K B Jagadeeshgouda & Dr. K. Eshwaraprasad	201641028876	Published	02.09.2016	24.08.2016
3	Flame-retardant poultry-feather-fiber-non-woven-sheet and process for the making same	Dr. P. Ravinder Reddy & K B Jagadeeshgouda	201641032709	Published	07.10.2016	26.09.2016
4	A composite material extrusion and method of manufacturing thereof	Dr. P. Ravinder Reddy, Dr. Ishtiaq Ahmed Khan, Mr. Aleem Pasha & Mr. P.V. Kaulgud	201741015659	Granted	12.05.2017	03.05.2017
5	Blood pump impeller (*design patent)	Dr. P. Ravinder Reddy & T Rugveda	305590	Published	24.12.2021	06.01.2018
6	Magneto blood pump (*design patent)	Dr. P. Ravinder Reddy & T Rugveda	306263	Published	08.04.2022	14.05.2018
7	CNG/Natural gas kit design for two wheelers	Dr. Rakesh Kumar Yadav, Dr. Arti Vaish, Mr. Amardeep, Mr. Dushyant Mishra, Dr. S. Narasimha Kumar & Dr. B. Subbaratnam	202011030786	Published	28.08.2020	20.07.2020
8	Machine learning based ball throwing machine	Dr. G. Sailaja, Dr. B.V.S. Rao, Dr. Raju Muthyala, Dr. G. Prasanna Kumar, Dr. Akash Kumar Bhoi, Dr. Pradeep Kumar Mallick, Dr. Ranjit Panigrahi, Dr. Priya Brata Bhoi, Arshad Mohammed & Dr. Mahaboob Shaik,	202041040702	Published	01.10.2020	21.09.2020
9	Design and development of two-wheeler mud guard using glass and jute	Dr. A. Raveendra, Dr. P. Badari Narayana, Dr. S. Narasimha Kumar & Mr. P. Govinda Reddy	202141008703	Published	12.03.2021	02.03.2021
10	Deep learning-based adaptive windmill compensation system and method thereof	Sailaja G, Dr. B.V.S.Rao, Dr. Prasanna Kumar, Mohd Hasham Ali, Satti Satheeswara Reddy, NBV Lakshmi Kumari & Arshad Mohammed	202141042314	Published	01.10.2021	18.09.2021
11	Control on pollution levels of petrol engine with low-cost catalytic converter	Dr. M.V.S. Murali Krishna, Mrs. Ipsita Mohanty, Dr. Ch. Indira Priyadarshini & Dr. S. Narasimha Kumar	202141044968	Published	05.11.2021	04.10.2021
12	Control of exhaust emissions of auto rickshaw engine run with diesel fuel	Dr. M.V.S. Murali Krishna, Dr. T. Ratna Reddy, Dr. K. Kishor & Dr. Y. Nagini	202141044969	Published	05.11.2021	04.10.2021
13	Insulated partially adiabatic diesel engine operated with methanol and vegetable oil	CBIT (A)	202141044970	Published	05.11.2021	04.10.2021
14	Smart blind stick (*design patent)	Mr. Narasimha Kulkani, Dr. Rahul, Mr. Nitin Kamitkar, Mr. Satish Kumar & Mr. L. Ranganath	352891-001	Published	14.01.2022	10.11.2021
15	Wobbling free magnetic coupled body-fluid pumping apparatus	Dr. P. Ravinder Reddy & T Rugveda	202141061650	Filed		30.12.2021
16	Wind turbine duct having exit fold and shallow slots	L. Ramayee, Dr. P. Ravinder Reddy & Dr. K. Supradeepan	202241004270	Filed		25.01.2022

Academic year 2021-22

FDP/STTP/Workshops/Guest Lectures organized by the department:

1. Dr.P.Prabhakar Reddy, Professor, Department of Mechanical Engineering, organized an Awareness programme on NITTR module2- Professional ethics and sustainability on 27th December 2021.
2. Dr. P Prabhakar Reddy, Dr. S Solomon Raj have organized 3 virtual awareness programmes on NITTR:
 - a. Module 6 – “Student assessment and Evaluation” on 30/04/22.
 - b. Module 7 – “Creative Problem Solving and Meaningful R&D” on 30/05/22
 - c. Module 8 – “The Institutional Management and Administrative Procedures” on 25-06-22
3. Dr P. Prabhakar Reddy & Mrs. V. Sandhya organized a three-day FDP on “Establishment and Management of Business Incubation” during 10-12 March 2022 in association with NI-MSME, (National Institute of Micro, Small and Medium Enterprises) Ministry of MSME Govt. of India.
4. Dr. P. Prabhakar Reddy & Mrs. V. Sandhya organized a two-day Students National Event “E-CON-2022” (Entrepreneurship Conclave- 2022) under EDC, CBIT on 31 st March - 1 st April 2022.
5. 5.A Guest lecture (Keynote address) on” Disruptive Technologies in Defense and Aerospace Applications” by Dr. J John Rojario Jegaraj Scientist-F, DRDL was organized on the occasion of Mechanica-22 on 23-3-2022. Dr G Chandra Mohan Reddy arranged the talk.
6. Prof Mangilal Agarwal from IUPUI addressed students of Final Year and Pre-Final Year on the “Prospects of Higher Education, Research Assistantship, Current projects” undertaken at IUPUI, Indianapolis on 07-03-2022. He also made a detailed presentation on projects being undertaken at his center. Dr G Chandra Mohan Reddy arranged the Talk.
7. Dr. BVS Rao organized a guest lecture on "Supply Chain Technology Enabling Modern Retail" on 30-09-2021 between 10.30 am to 12 Noon (ONLINE MODE). It was delivered by Sri. Vikas Jain, Vice President, Reliance Industries Limited, Mumbai.

Conferences Presented / attended by the faculty:

1. Dr G ChandraMohan Reddy attended the 35th National Convention of Production Engineers and National Conference on the theme “Emerging Technologies for Sustainable Manufacturing” Organized by Durgapur Local Center of the IEI in Virtual mode during 30-31 October 2021.
2. Dr. N Janardhan has presented a paper entitled “Analysis of Pitta Imbalance in young Indian adults using Machine Learning Algorithm” in 2nd International Conference on Intelligent Technologies (CONIT 2022) during 24th to 26th June 2022.
3. Dr. Rahul, has presented a paper entitled, “Effect of Grade 5 Titanium Interlayer on Microstructure and Pitting Corrosion Behaviour of AA110/A36 Explosion Welds” (K. Sri Ram Vikas, Rahul, Ch. Kishore Reddy, VSN Venkata Ramana, Priyadarsini Morampudi, Ch. Prasad), in Material TECH 2022 (Second International Conference on Materials and Technologies), National Institute of Technology Raipur, 28th –29th January, 2022. MT2022-M21.
4. Dr. Rahul has presented a paper entitled, “Development of B4C Particulate Reinforced AA7075 Composite by Friction Stir Welding: Evaluation of Microstructure and Mechanical Properties” (Kishore Reddy, K. Sri Ram Vikas, VSN Venkata Ramana, Rahul, P. Naga Vishnu), in Material TECH 2022 (Second International Conference on Materials and Technologies), National Institute of Technology Raipur, 28th –29th January 2022. MT2022-MM14.
5. Dr. Rahul has presented a paper entitled, “Physical, Mechanical and Corrosion Properties of Powder Metallurgy Processed Al6061/ZrB2 Metal Matrix Nano Composites” (Priyadarsini Morampudi, V.S.N. Venkata Ramana, K. Sriram Vikas, Rahul, Chitrada Prasad), in Material TECH 2022 (Second International Conference on Materials and Technologies), National Institute of Technology Raipur, 28th –29th January 2022. MT2022-MM38.
6. Dr. Rahul has presented a paper entitled, “Enhancing Wear Properties of Al6061 Metal-Matrix Composites by Reinforcement of ZrB2 Nano Particles” (Priyadarsini Morampudi, V.S.N. Venkata Ramana, K. Sriram Vikas, Rahul, Chitrada Prasad), in Material TECH 2022 (Second International Conference on Materials and Technologies), National Institute of Technology Raipur, 28th –29th January 2022. MT2022-MM39.
7. Venkata Sushma Chinta presented the research paper entitled “The Effect of Stacking Sequence on the Tensile Properties of Jute Fibre Reinforced Hybrid Composite Material for Axial Flow Fan Blades: An Experimental and Finite Element Investigation” in the 2021 at Third International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2021) held at the Department of Mechanical Engineering, D Y Patil College of Engineering and Technology, Kolhapur, Maharashtra, India.
8. Venkata Sushma Chinta presented the research paper entitled “Experimental Investigation of High cycle fatigue life of Jute Fibre Reinforced Hybrid Composite Material for Axial Flow Fan Blades” in the 2021 Third International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2021) held at the Department of Mechanical Engineering, D Y Patil College of Engineering and Technology, Kolhapur, Maharashtra, India.
9. Pallela Ramalakshmi , P Ravinder Reddy and Nakshatram Sarthak , “Finite element analysis on MWNT reinforced S-glass composite”, presented at First International Conference on Advances in Mechanical Engineering and Material Science ICAMEMS organized by Vellore Institute of Technology, AP Campus from January 22 – 24 , 2022
10. Pallela Ramalakshmi , Pinninti Ravinder Reddy and Nakshatram Sarthak, “Finite element analysis on MWNT reinforced S-glass composite”, Materials Today: Proceedings 56 (2022) 1364–1368, Available online from 9 December 2021, <https://doi.org/10.1016/j.matpr.2021.11.427>, Page 1364 -1368
11. Ch.Indira Priyadarsini, Dr.T.Ratna Reddy, P.Anjani Devi, “Design and Performance Analysis of Automotive Radiator using Computational Fluid Dynamics”, International Multidisciplinary Conference on Research, Technology & Engineering [ImCReTE-2022] organized by KJEl’s Trinity Academy of Engineering, Pune in Collaboration with IARDO, ISBN:978-93-91535-28-5 and published in Scopus Journal International Journal of Mechanical Engineering.
12. P. Anjani Devi, , Ch. Indira priyadarsini, Chandu Avvari, “Design of folded wing mechanism for Unmanned Aerial Vehicle (UAV)”, Volume 62, Part 6, 2022, Pages 4117-4125, <https://doi.org/10.1016/j.matpr.2022.04.660>, Materials Today: Proceedings International Conference on Materials, Processing & Characterization (13th ICMPC)
13. Dr. L Suresh Kumar has presented a FLP length paper with the title SMARTAI _ THE INVESTMENTS PORTFOLIO in the International Conference on Intelligent Computing & Networking (IC-IC-2022) organized during February 25th and 26th 2022 at Thakur College of Engineering and Technology,Kandivali, Mumbai
14. Ms V.Sandhya presented a paper titled “Influence of Welding Speed, voltage, and beam current on the Microstructure and Mechanical Properties of Electron Beam-Welded Titanium radial joints” at International Conference on Advanced Materials

for Innovation and Sustainability- ICAMIS-2022 during 18 th -19 th Feb, 2022 organized by MLR Institute of Technology, Hyderabad.

FDPs/ Workshops/STTPs/Seminars attended by the faculty:

1. Dr N V Srinivasulu, Professor, Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad, has successfully completed One Week Online Faculty Development Programme on Recent Trends in Robotics (RTR-2021) organized by Department of Mechanical Engineering, Vasavi College of Engineering from 06th to 10th December 2021
2. Dr. Md. Aleem Pasha, Associate Professor participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Advanced FDP on “3D Printing & Design” from 14/12/2021 to 18/12/2021 at NIT Warangal
3. Dr. Md. Aleem Pasha, Associate Professor, has successfully completed One Week Online Faculty Development Programme on Recent Trends in Robotics (RTR-2021) and Team-based Online Project (TOP) organized by Department of Mechanical Engineering, Vasavi College of Engineering from 06th to 10th December 2021
4. Dr. Md. Aleem Pasha, Associate Professor, has successfully completed One Week AICTE-ISTE orientation/ refresher programme on NanoTechnology applications in Mechanical Engineering organized by Department of Mechanical Engineering, MJ College of Engineering from 10th to 16th December 2021
5. Dr L. Suresh Kumar Completed one week FDP programme organized by Vasavi College of engineering sponsored by AICTE. “Recent trends in robotics from 06 th Dec 2021. To 10 th Dec 2021
6. Mr. D Ravi, participated in the FDP conducted on “Advances in Thermal Engineering”, organized by the Department of Mechanical Engineering. JNTUH from 20-12-2021 to 22-12-2021.
7. Y.Nagini attended three days FDP on Advances in Thermal Engineering organized by Department of Mechanical Engineering, JNTUH College of Engineering, Hyderabad from 20/12/21 to 22/12/21.
8. Mr P.Radhakrishna Prasad has attended Faculty Development Program on “Recent trends on Robotics” organized by Department of Mechanical Engineering ,Vasavi College of Engineering, Hyderabad
9. Dr. NVSrinivasulu has attended a 5-day SERB online international workshop on ‘Recent Advancements in Modelling Analysis of Porous Material’ organized by department of Mechanical Engineering, NIT Suratkal from 28-2-22 to 4-3-22
10. Dr. K Kishor has attended a 5-day SERB online international workshop on ‘Recent Advancements in Modelling Analysis of Porous Material’ organized by department of Mechanical Engineering, NIT Suratkal from 28-2-22 to 4-3-22
11. Mr.P Surender Reddy has attended a 5 day SERB online international workshop on ‘Recent Advancements in Modelling Analysis of Porous Material’ organized by department of Mechanical Engineering, NIT Suratkal from 28-2-22 to 4-3-22
12. Dr. Y. S. Kannan has attended a 5-day SERB online international workshop on ‘Recent Advancements in Modelling Analysis of Porous Material’ organized by department of Mechanical Engineering, NIT Suratkal from 28-2-22 to 4-3-22
13. Dr. N V Srinivasulu has attended 1-week National level FDP on “Renewable Energy for Sustainable Development” from 1st – 5th March 2022 organized by Bharatratna College of Engineering, Solapur.
14. Dr P PRABHAKAR REDDY has participated in the One Week Short Term Training Programme on “Cyber Security” jointly organized by Department of Computer Science & Engineering and Department of Information Technology, Chaitanya Bharathi Institute of Technology (Autonomous) during 16-20 May 2022
15. Dr P PRABHAKAR REDDY has participated in 7-day National level Online FDP on “Computational Tools for Applied Mathematics” organized by the department of Mathematics, Kumaraguru College of Technology, Coimbatore during 15th to 21st July 2021
16. Dr P PRABHAKAR REDDYhas participated in Sambhav, e-National Level Awareness Programme organised in October-November 2021 by Ministry of MSME for promoting Entrepreneurship.
17. Dr P PRABHAKAR REDDY has participated in the 5 Day International Short Term Training Programme on “Block Chain or Digital Transformation” organized by Department of Computer Science & Engineering, Chaitanya Bharathi Institute of Technology (Autonomous) during 12-16 August 2021
18. 18.
19. Mr T N Aditya has participated in 5-day National level Online FDP on “Polymer Composites for Industry 4.0” organized by the department of Mechanical Engineering, VNR Vignana Jyothi Institute of Engineering of Technology, Hyderabad during 13th to 17th June 2022
20. Dr. Hari Krishan Yadav attended an FDP: Smart Materials Processing and Applications
21. Sri P Radha Krishna Prasad had participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 26th July 2021 to 30th July, 2021.
22. Mrs. N Jyothirmayi had participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 26th July, 2021 to 30th July, 2021.
23. Dr. Hari Krishan Yadav had participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from
24. Mrs. D S Madhuri had participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 26th July, 2021 to 30th July, 2021.
25. Mrs. D S Madhuri had participated in one week faculty development program (FDP) on “Research Practices in Thermo-Fluid and Renewable Energy Systems” organized by Department of Mechanical Engineering, Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad, Telangana 501301, from 28/06/2021 to 03/07/2021.
26. D S Madhuri attended three days FDP on “Advances in Thermal Engineering” organized by Department of Mechanical Engineering, JNTUH College of Engineering, Hyderabad from 20/12/21 to 22/12/21.
27. D S Madhuri attended a seminar on “Scope for Interdisciplinary Research ” on 6th May 2022 organized by Research & Development Centre and Deptt of Information Technology, CBIT.
28. D S Madhuri attended five days National Level Online FDP on Emerging Trends in Automotive and Energy Systems held from 23-08-21 to 27-08-21 organized by Department of Mechanical Engineering, Sree Vidyanikethan Engg college(A), Tirupati.
29. Mrs KNV Sreedevi attended a 1-hour World IP Day Seminar on” IP and Youth – Innovating for a better future” Facilitated by Dr Anindya Sircar on 26th April 2022 conducted by Turnip Innovations
30. Mrs KNV Sreedevi participated in the FDP conducted on “Advances in Thermal Engineering”, organized by the Department

of Mechanical Engineering. JNTUH from 20-12-2021 to 22-12-2021.

31. Mrs KNVSreedevi completed NPTEL online certification course on Introduction to fluid mechanics from Jan-Apr 21
32. Mrs KNVSreedevi attended seminar on 'Scope of interdisciplinary research' held on 6-5-22 by R and D and IT department, CBIT.
33. Mrs KNVSreedevi completed 2-week entrepreneurship course by Turnip innovations from 13-Jul to 26 Jul 2022
34. Mrs KNVSreedevi completed online NPTEL course on conduction and convective heat transfer from Jan to Apr 22
35. Mrs KNVSreedevi attended AICTE-ISTE approved program on Design Thinking and Innovations from 7-1-22 to 13-1-22 organised by NRI Institute of Technology
36. Mrs KNVSreedevi attended One week FDP on post covid green and sustainable development practices in manufacturing industries organized by CVR college from 17 to 21 -1-22
37. Mrs KNVSreedevi attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Alternative fuels: Biofuels" from 04/10/2021 to 08/10/2021 at P D A College of Engineering Kalaburagi.
38. Mr. T N Aditya attended a Webinar on "Micro credentials for Macro learning" conducted by GEDC Industry Forum on 15-06-22.
39. Mr. T N Aditya attended a Webinar on "Dealing with Digital Credentials in Higher Education Institutions and their Potential". Conducted by TUTI on 08-06-22
40. Dr. A. Kiran Kumar attended CNDE Webinar on 16th June 2022 on "Ultrasonic NDT using dispersion compensated Guided Wave Measurements" conducted by IOWA State University
41. Mrs. Ipsita Mohanty, attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Alternative fuels: Biofuels" from 04/10/2021 to 08/10/2021 at P D A College of Engineering Kalaburagi.
42. Mrs. Ipsita Mohanty attended ISTE Approved One Week STTP on, Advances in Materials and Manufacturing Techniques (AMMT) organized from 1st to 7th July 2021.
43. Mrs. Ipsita Mohanty participated in the one week faculty development program (FDP) on "Research Practices in Thermo-Fluid and Renewable Energy Systems" organized by department of mechanical engineering, Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad, Telangana 501301, from 28/06/2021 to 03/07/2021.
44. Mr. Yasoda Sreeram Kalluri successfully completed the 12-week NPTEL-AICTE Faculty Development Programme on Fundamentals of Manufacturing Processes with a consolidated score of 90% during July to October 2021.
45. Mr. P Surendar Reddy has successfully completed 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.
46. Mr. P Surendar Reddy has successfully completed one-month online internship in RESEARCH TRAINING from 05.07.2021 to 05.08.2021 (weekdays only) organized by MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC).
47. P Surendar Reddy attended, participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Novel Materials" from 01/11/2021 to 05/11/2021 at RAVENSHAW UNIVERSITY.
48. P Surendar Reddy attended Online Elementary FDP on "Finite Element Method (with applications to solid mechanics, heat transfer and fluid mechanics)" from 17/08/2021 to 21/08/2021 at M.B.M Engineering College, Faculty of Engineering and Architecture, Jai Narain Vyas University, Jodhpur.
49. P Surendar Reddy attended SERB sponsored five days online workshop on 'Recent advances in manufacturing processes for industrial applications from Feb 21-25, 2022, organized by NIT surathkal, Karnataka.
50. Mr. Yasoda Sreeram Kalluri successfully completed the 08-week NPTEL-AICTE Faculty Development Programme on Fluid Dynamics and Turbomachines with a consolidated score of 60% during July to September 2021.
51. Dr. Y. S. Kannan has attended a One-week Faculty Development Programme on 'Application of Artificial Intelligence and Machine Learning in Mechanical Engineering (AAIME-2021)' organized by department of Mechanical Engineering, Maturi Venkata Subba Rao (MVSR) Engineering College from 18-10-21 to 23-10-21.
52. Sri. P. Kiran Kumar has attended One week FDP on "Vibration and Condition Monitoring (VACM-2021) organized by department of Mechanical Engineering, Vasavi College of Engineering from 20/09/2021 to 24/09/2021.
53. Sri. P. Kiran Kumar has attended One week ATAL-FDP on "Novel Materials" organized by University College at Engineering Osmania University from 22/11/2021 to 26/11/2021.
54. Sri. P. Kiran Kumar has attended One week ATAL-FDP on "3D Printing & Design" organized by University college at Engineering, Osmania University from 25/10/2021 to 29/10/2021.
55. Sri. P. Kiran Kumar has attended 5 days SERB online International Workshop on "Recent Advance in Modelling Analysis at Porous Material", organized by NIT-Surathkal from 28/02/2022 to 04/03/2022.
56. Sri. P. Kiran Kumar has attended 5 days SERB sponsored online workshop on "Recent Advanced in Manufacturing Processing for Industrial Applications" organized by NIT-Surathkal from 21/02/2022 to 25/02/2022.
57. Dr.S.Narasimha kumar attended three days FDP on Advances in Thermal Engineering organized by Department of Mechanical Engineering, JNTUH College of Engineering, Hyderabad from 20/12/21 to 22/12/21.
58. Chintireddy Sharath Reddy, Assistant Professor of Chaitanya Bharathi Institute of Technology (A) participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Medical Image Processing and 3D Applications" from 2021-07-05 to 2021-07-09 at University College of Engineering.
59. Chintireddy Sharath Reddy, Assistant Professor, from Chaitanya Bharathi Institute of Technology (A) has completed 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.
60. Chintireddy Sharath Reddy, Assistant Professor of Chaitanya Bharathi Institute of Technology (A) participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "3D Printing & Design" from 08/11/2021 to 12/11/2021 at University college of engineering, Osmania University.
61. Chintireddy Sharath Reddy, Assistant Professor of Chaitanya Bharathi Institute of Technology (A) participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "3D Printing & Design" from 23/08/2021 to 27/08/2021 at MURUGAPPA POLYTECHNIC COLLEGE.
62. Chintireddy Sharath Reddy, Assistant Professor of Chaitanya Bharathi Institute of Technology (A) participated in a Five-Day Faculty Development Program on "Recent Trends in Thermal Engineering" held from 06-09-2021 to 10-09-2021 organized by Department of Mechanical Engineering, Seshadri Rao Gudlavalluru Engineering College (Autonomous), Gudlavalluru.
63. Mr. Chintireddy Sharath Reddy from Chaitanya Bharathi Institute of Technology (A) has successfully participated in AICTE

- Sponsored One Week Online Short Term Training Programme on “Advances in Manufacturing Systems” organized by Department of Mechanical Engineering, Madhav Institute of Technology & Science, Gwalior from September 20-25, 2021.
64. Chintireddy Sharath Reddy has attended a One-week Faculty Development Programme on ‘Application of Artificial Intelligence and Machine Learning in Mechanical Engineering (AAIME-2021)’ organized by department of Mechanical Engineering, Maturi Venkata Subba Rao (MVSR) Engineering College from 18-10-21 to 23-10-21.
 65. Chintireddy Sharath Reddy has Successfully completed the AICTE – ISTE approved orientation/ refresher program on “Additive Manufacturing in medical and emerging applications” held during 27.01.2022 to 02.02.2022 organized by Vasavi College of Engineering, Hyderabad, Telangana.
 66. Chintireddy Sharath Reddy participated in one week online Faculty Development Program on “Artificial Intelligence/ Machine Learning for Mechanical Engineering Problems” held from 21-03-2022 to 26-03-2022 organized by Department of Mechanical Engineering, Shri Vishnu Engineering College for Women (SVECW), Bhimavaram, W.G.Dist, Andhra Pradesh.
 67. Chintireddy Sharath Reddy, Assistant Professor of Mechanical Engineering, has attended a seminar on “Scope for Interdisciplinary Research” held on 06 May 2022 organized by Research & Development Centre and Department of Information Technology, Chaitanya Bharathi Institute of Technology (A), Hyderabad -500 0075, Telangana.
 68. Mrs N Jyothirmayi attended a 5-day faculty development program on "Progressive Trends in Mechanical Engineering" from 28th March to 1st April,2022 organized by Department of Mechanical Engineering, Andhra Loyola Institute of Engineering & Technology.
 69. Mrs N Jyothirmayi participated in AICTE recognized FDP on " Additive Manufacturing for Biomedical Applications" conducted by Mechanical Engineering Department, NITTTR, Chandigarh from 25/04/2022 to 29/04/2022.
 70. Mrs N Jyothirmayi attended one-month online internship in Research Training from 5-7-2021 to 5-8-2021 conducted by MSME- Technology Development Centre (PPDC)
 71. Mrs V.Sandhya attended one month online internship in Research Training from 5-7-2021 to 5-8-2021 conducted by MSME- Technology Development Centre (PPDC)
 72. Mrs V.Sandhya participated in AICTE recognized FDP on “Advancement in Manufacturing Technology “ conducted by School of Studies of Engineering and Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur from 17.01.2022 to 21.01.2022.
 73. Dr.V.V.R.Seshagiri Rao, Associate Professor successfully completed the 12 week NPTEL-AICTE Faculty Development Programme on ‘Non-Conventional Energy Resources’ with a consolidated score of 88% during Jan-Apr 2022 and stood Topper of the batch. This is equivalent to 1 ½ FDPs and 3 credits, as recommended by NPTEL.
 74. Dr.V.V.R.Seshagiri Rao, Associate Professor successfully completed the 12 week NPTEL-AICTE Faculty Development Programme on ‘Solar Energy Engineering and Technology’ with a consolidated score of 73% during Jul-Oct 2021. This is equivalent to 1 ½ FDPs and 3 credits, as recommended by NPTEL.
 75. Dr.V.V.R.Seshagiri Rao, Associate Professor successfully completed the 12 week NPTEL-AICTE Programme on ‘Applied Thermodynamics for Engineers’ with a consolidated score of 82% during Jul-Oct 2021 and stood Topper of the batch. This is equivalent to 3 credits, as recommended by NPTEL.
 76. Dr.R.P.Chowdary, Associate Professor successfully completed the 12 week NPTEL-AICTE Faculty Development Programme on ‘Non-Conventional Energy Resources’ during Jan-Apr 2022, which is equivalent to 1 ½ FDPs and 3 credits, as recommended by NPTEL.
 77. Dr.R.P.Chowdary, Associate Professor successfully completed the 12 week NPTEL-AICTE Faculty Development Programme on ‘Solar Energy Engineering and Technology’ during Jul-Oct 2021, which is equivalent to 1 ½ FDPs and 3 credits, as recommended by NPTEL.
 78. Dr.R.P.Chowdary, Associate Professor successfully completed the 12 week NPTEL-AICTE Programme on ‘Applied Thermodynamics for Engineers’ during Jul-Oct 2021, which is equivalent to 3 credits, as recommended by NPTEL.
 79. Venkata Sushma Chinta has participated in 5 day National level Online FDP on “Polymer Composites for Industry 4.0” organized by the department of Mechanical Engineering, VNR Vignana Jyothi Institute of Engineering of Technology, Hyderabad during 13th to 17th June 2022.
 80. Venkata Sushma Chinta, Assistant Professor of Chaitanya Bharathi Institute of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Recent Trends in Renewable Energy" from 31/01/2022 to 04/02/2022 at GOVERNMENT ENGINEERING COLLEGE.
 81. Venkata Sushma Chinta has completed One Week Short Term Training Programme through ICT Mode on Vibration Analysis using MATLAB organized by this Institute from 4th October to 8th October, 2021 successfully.
 82. Venkata Sushma Chinta has completed One Week Short Term Training Programme through ICT Mode on CAD/CAM organized by this Institute from 6th September to 10th September, 2021 successfully.
 83. Venkata Sushma Chinta has successfully completed ISTE approved Online/SF-STTP/FDP Programme on “Polymer Composite” held during 03.01.2022 to 07.01.2022 organized by St. Francis Institute of Technology, Mumbai, Maharashtra.
 84. Venkata Sushma Chinta has completed One week National level Intercollegiate Online Faculty Development Program on Outcome Based Education & Bloom’s Taxonomy organized by the Internal Quality Assurance Cell of Ramakrishna Mission Vivekananda Centenary College, Kolkata in association with ipsr solutions limited 08 November 2021 to 15 November 2021.
 85. Dr.S.Narasimha Kumar has completed AICTE Sponsored One Week Online Short Term Training Programme (Sttp) On"Machine Learning Applications In Mechanical Engineering"From 14th To 18th February, 2022.
 86. Dr P Ramalakshmi is a participant in AICTE – ISTE approved one week Orientation program / Refresher program on “Additive Manufacturing in Medical and Emerging Applications”, 27.01.2022 to 02.02.2022 organized by Vasavi College of Engineering
 87. Dr P Ramalakshmi attended one day webinar on Polygeneration an Innovative Method for Energy and Power Generation, organized by MED, CBIT(A) on 13th November 2021
 88. Dr. B.V.S. Rao, Assistant Professor (Coordinator for AICTE Idea Lab) , Dept. of Mech. Engg attended an advanced Faculty Development Programme organised by AICTE on Smart Manufacturing at Shri G.S.Institute of Tech. & Science, Indore (MP), between 20 to 26 July 2022
 89. Dr. B.V.S. Rao, Assistant Professor Dept. of Mech. Engg attended an 8 Day Faculty Development Programme on INDUSTRY 4.0 and Smart Manufacturing organised by NIT, Warangal between 19 to 26 Feb ,2022.
 90. Dr G ChandraMohan Reddy attended “3-DAY WORKSHOP ON ADVANCES IN MATERIALS PROCESSING –3D PRINTING AND OPPORTUNITIES” organized by the School of Mechanical Engineering (SMEC), VIT-AP University, Amaravati (AP), India during 24th to 26th July, 2021
 91. Dr G ChandraMohan Reddy attended IEI Technical Webinar on the theme AUTOMATING CONSTRUCTION THROUGH 3D PRINTING organized by The Institution of Engineers (India) under the aegis of Civil Engineering Division on 24/07/2021

from 16:00 hr to 18:00 hr.

92. Dr G ChandraMohan Reddy attended IEI Technical Webinar on the theme DRIVING BUSINESS PERFORMANCE AND GROWTH THROUGH DATA DRIVEN DECISION MAKING organized by Jharkhand State Centre of The Institution of Engineers (India) under the aegis of Production Engineering Division on 25/07/2021 from 17:00 hr to 19:00 hr
93. Dr G ChandraMohan Reddy attended AICTE - Sponsored Short Term Training Programme - One-week Online STTP on "3D Printing for Sustainable Development" held from 25/10/2021 to 30/10/2021 jointly organized by AICTE, New Delhi and Human Resource Development Centre, Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad, T.S., India
94. Dr G ChandraMohan Reddy attended TiE Pune Webinar – Technology Innovation Partnership Program on 8th Dec 2021
95. Dr G ChandraMohan Reddy attended 36th Indian Engineering Congress- Technical Sessions held in Virtual Mode during 15-16 Dec 2021 from 10.100 AM to 6.00PM(IST).
96. Dr G ChandraMohan Reddy attended "2-Day Online Workshop On Material Characterization Techniques (Rheology, XRD, Nano-Indentation, Scratch Testing)", organized by the School of Mechanical Engineering (SMEC), VIT-AP University, Amaravati (AP), India during 25th to 26th February, 2022
97. Dr G ChandraMohan Reddy attended IEI Technical Webinar on the theme ADVANCES IN PRODUCTION ENGINEERING organized by Tripura State Centre of The Institution of Engineers (India) under the aegis of Production Engineering Division on 05/04/2022 from 15:30 hr to 18:30 hr
98. Dr G ChandraMohan Reddy Attended a seminar on "Scope for Interdisciplinary Research" held on 06 May 2022 organized by Research & Development Centre and Department of Information Technology, Chaitanya Bharathi Institute of Technology (A), Hyderabad -500 0075, Telangana
99. Dr G ChandraMohan Reddy attended Elsevier Knowledge Hub - Publication Ethics and Research Integrity in Science -at APAC Knowledge Hub Workshop, on Wednesday 11 May, 2022 Presented by Nicholas Pak Senior Customer Consultant, Cheng Weiwei Senior Manager, Regional Marketing.
100. Dr G Chanmdra Mohan Reddy attended SAROJINI NAIDU VANIT A MAHA VIDYALAYA, Virtual National Workshop On "IDEAS TO IP: PRACTICAL APPROACH TO PATENTING" organized by IQAC & IPR Committee held on 28th May, 2022.
101. Dr G ChandraMohan Reddy attended IP Awareness/Training Program under National Intellectual Property Awareness Mission on 31st May 2022 organized by Intellectual Property Office, India.
102. Dr G Chanmdra Mohan Reddy Completed a Two Week Course – Awarded Certificate by ALISON in "Introduction to Automated System Design" 27th June 2022
103. Dr P.V.R.Ravindra Reddy participated in one week faculty development programme on "polymer composites for industry 4.0" organised by VNR vignanajothi college of engineering from 13th June to 17th June 2022
104. Dr P.V.R.Ravindra Reddy participated in one week faculty development programme on "polymer composites for industry 4.0" organised by VNR vignanajothi college of engineering, Hyderabad from 13th June to 17th June 2022.
105. Dr P.V.R.Ravindra Reddy participated in one week faculty development programme on "non linear and evolutionary optimisation techniques in Engineering" organised by Gayatri Vidya Parishad college of Engineering, Visakhapatnam from 13th June to 17th June 2022.
106. Dr.P.V.R.Ravindra Reddy participated in five day ATAL faculty development programme on "Green Technology and sustainability Engineering " organised by Bharathi Vidyapeet college of Engineering, Navi Mumabai from 16.07.2021 to 20.07.2021
107. Dr.P.V.R.Ravindra Reddy participated in one week ATAL faculty development programme on "Manufacturing : Hindsight of foresight" organised by Birla Institute of Technology and Science, Pilani from 16.07.2021 to 20.07.2021
108. Dr P.V.R.Ravindra Reddy participated in one week ATAL faculty development programme on "3D Printing and Design" organised by Dr Mahalingam College of Engineering and Technology from 06.07.2021 to 10.07.2021
109. Dr P.V.R.Ravindra Reddy participated in AICTE-ISTE approved Orinetaion/Refresher course on "Advanced Manufacturing Technology" organised by Sriramkrishna Polytechnic College, Coimbatore, Tamilnadu. from 24.01.2022 to 321.01.2022
110. MS. NAGINI YARRAMSETTY of CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY has successfully participated in IP Awareness/Training program under National Intellectual property awareness mission on January 06, 2022.
111. MS. NAGINI YARRAMSETTY of CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY has participated in one day webinar on Polygeneration an innovative method for energy and power generation on 13th November 2021 organised by CBIT, Hyderabad.
112. Mrs. Nagini Yarramsetty, Assistant Professor, Chaitanya bharathi Institute of technology has participated in the 5 Day Faculty Development Program on "PROGRESSIVE TRENDS IN MECHANICAL ENGINEERING" from 28th March to 1st April, 2022 organized by Department of Mechanical Engineering, Andhra Loyola Institute of Engineering & Technology, Vijayawada.
113. Mrs. Nagini Yarramsetty has successfully completed one month online internship in RESEARCH TRAINING from 05.07.2021 to 05.08.2021
114. Nagini Yarramsetty has successfully completed One Week Online Faculty Development Programme on Research Avenues in Thermal Engineering (RATE-2021)organized by Department of Mechanical Engineering, Vasavi College of Engineering from 26thJuly to 30thJuly 2021
115. Ms.Nagini Yarramsetty, Assistant Professor, Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Telangana has participated in One day National Workshop on "Recent Trends and Challenges in Block Chain Technology" organized by Department of Information technology, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana on 12th March 2022.
116. This is certified that Nagini Yarramsetty, Assistant Professor of Chaitanya Bharathi Institute of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "FDP on Guidance, Counselling and Mentoring" from 20/09/2021 to 24/09/2021 at Dr. Hari Singh Gour Vishwavidyalaya (A Central University) Sagar, MP.
117. Nagini Yarramsetty, Assistant Professor of Chaitanya Bharathi Institute of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "WASTE MANAGEMENT PRACTICES FOR FUTURE INDIA" from 13/09/2021 to 17/09/2021 at University College of Engineering Ramanathapuram.
118. Dr G Laxmaiah Attended AICTE one week Online Orientation Training Programme for Mentors Under National Initiative for Technical Teachers Training (NITTR) from 7th February to 11th February 2022.
119. Dr G Laxmaiah Attended 5 days SERB Online International workshop on Recent Advances in Modeling Analysis of Porous Materials (RAMAPM 2022) Organized by Department of Mechanical Engineering, National Institute of Technology, Karnataka Surathkal from 28.02.2022 to 04.03.2022

120. Dr G Laxmaiah Attended one week AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Novel Materials" from 22/11/2021 to 26/11/2021 at University college of Engineering, Osmania University, Hyderabad
121. Dr G Laxmaiah Attended one week AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "3D Printing and Design" from 25/10/2021 to 29/10/2021 at University College of Engineering, Osmania University, Hyderabad
122. Dr G Laxmaiah Attended one week online Short-Term Training Program (STTP) on "Vibration Analysis using MATLAB" organized by National Institute of Technical Teachers Training and Research (NITTTR), Kolkata from 4th -8th October 2021.
123. Dr G Laxmaiah Attended AICTE Sponsored one week online Short-Term Training Program(STTP-4) on "Innovations and Challenges in Industry4.0 Automation and Smart Manufacturing", organized by Department of Mechanical Engineering, Kallam Haranadha Reddy Institute of Technology, Guntur from 9th to14th August2021.
124. Dr S Solomon Raj attended one week SERB Sponsored online workshop on " Recent Advances in Manufacturing Processes for Industrial Applications", organized by Department of Mechanical Engineering, National Institute of Karnataka, Surathkal from February 21-25, 2022.
125. Dr S Solomon Raj attended AICTE Sponsored ATAL FDP on " 3D Printing and Design", from 25/10/2021 to 29/10/2021 at University College of Engineering, Osmania University, Hyderabad.
126. Dr S Solomon Raj attended AICTE Sponsored ATAL FDP on " Novel Materials", from 22/11/2021 to 26/11/2021 at University College of Engineering, Osmania University, Hyderabad.
127. Dr S Solomon Raj attended one week Short Term Training Programme on " Vibration Analysis using MATLAB", organized by the NITTTR kolkata from 4/10/2021 to 8/10/2021.
128. Dr S Solomon Raj attended one week Short Term Training Programme on " CAD/CAM ", organized by the NITTTR kolkata from 6/9/2021 to 10/9/2021.
129. Dr S Solomon Raj attended AICTE Sponsored ATAL FDP on " "Design and Analysis using CATIA/ANSYS ", from 20/09/2021 to 24/09/2021 at Dr Ambedkar Institute of Technology.
130. Dr S Solomon Raj Online FDP in association with AICTE on New & Emerging Technology organized by ARK infosolutions Pvt Ltd on " Using Simulation tools provided by technology partner Ansys software Pvt Ltd", from 28/06/2022 to 02/07/2022.
131. Dr S Solomon Raj attended AICTE Sponsored one week Short Term Training Programme on " Innovations and challenges in Industry 4.o automation and smart manufacturing", organized by Kallam Haranadhareddy institute of technology.
132. Mr. V Jaipal Reddy has successfully completed one-month online internship in RESEARCH TRAINING from 05.07.2021 to 05.08.2021 (weekdays only) organised by MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC).
133. Mr. V Jaipal Reddy has successfully completed ISTE Sponsored one week online STTP on "Advances in Materials and Manufacturing Techniques (AMMT)", organized by Department of Mechanical Engineering, ANNASAHEB DANGE COLLEGE OF ENGINEERING & TECHNOLOGY, Astha, Madya Pradesh from 1st July 2021 to 7th July 2021.
134. Dr. Inturi Vamsi has successfully completed a 7-day course on "Design Thinking" organized by Turnip Innovations from 16.05.2022 to 22.05.2022.
135. Dr. Inturi Vamsi has successfully completed an online short-term course on "Python Programming for Beginners" organized by NIT warangal, from 27.05.2022 to 31.05.2022.
136. Dr. Inturi Vamsi has participated in the faculty development program on "Scope for Sponsored Projects and its Implementation" organized by Department of Physics, SRM University on 11.05.2022.
137. Dr. Inturi Vamsi attended a seminar on "Scope for Interdisciplinary Research " organized by Research Development Centre and Department of Information Technology, CBIT (A) on 06.05.2022.

Guest Lectures delivered / Resource Person:

1. Prof. P. Ravinder Reddy Delivered a talk on Overview on FEA: its usefulness in solving real time problems on 27.12.2021, at AICTE-ISTE Refresher Program on FEA for Solving Real time Problems-27.12.2021 to 01.01.2022, organized by Dept. of Mechanical Engineering, NBKR Institute of Science & Technology, Vidyanagar-524413, SPSR Nellore District, Andhra Pradesh, India.
2. Prof. P. Ravinder Reddy Delivered a talk on Overview on Statics and Modal Analysis using Finite Element Analysis on 28.12.21 at AICTE-ISTE Refresher Program on FEA for Solving Real time Problems-27.12.2021 to 01.01.2022, organized by Dept. of Mechanical Engineering, NBKR Institute of Science & Technology, Vidyanagar-524413, SPSR Nellore District, Andhra Pradesh, India
3. Dr G ChandraMohan Reddy speaker for ASME-CBIT Webinar – on "3D Printing" Additive Manufacturing on 25th July 2021.
4. Dr G ChandraMohan Reddy Resource Person for UGC-Human Resource Development Centre, JNTUH One Week Online Short Course on "Robotics and its Applications" from 20-12-2021to 27-12-2021 on the Topic "Basics and Classification of Robots and Applications of Robots" from 11.45 Am to 1.15 Pm on 20-12-2021 (Monday).
5. Dr G ChandraMohan Reddy Resource Person for UGC-Human Resource Development Centre, JNTUH One Week Online Short Course on "Robotics and its Applications" from 20-12-2021to 27-12-2021 on the Topic "Robot Kinematics" from 3.45 Pm to 5.15 Pm on 21-12-2021 (Tuesday).
6. Dr G ChandraMohan Reddy Speaker on "Smart Digital manufacturing Practices for SME Sector in Global digitalization Era" on 10th February 2022 from 6.30PM to 8.00 PM organized by Hyderabad Management Association.
7. Dr. P. Prabhakar Reddy and Mr. P. Surendar Reddy, visited Ratnapuri Polytechnic College, Near Patancheru, Hyderabad and delivered an awareness and expert talk on "Framework for excellence in Diploma Level Education and Career Planning" on 7 th April 2022.
8. Dr. P Prabhakar Reddy was invited as a jury member for the graduation project external jury – 2022 conducted by F&LA Department, NIFT Hyderabad on 23rd and 25th March 2022.
9. Dr S Solomon Raj, delivered an expert lecture on " Module-8: Institutional Management and Administrative Procedures", at CBIT on 25/06/2022 Hyderabad.
10. Dr. Inturi Vamsi has contributed as a Speaker of Eminence at a five day online faculty development program on "Recent Trends in Mechanical Engineering" organized by IcfaiTech, ICFAI University, Jaipur during 20.07.2021 to 24.07. 2021.

Books Published/Chapter in a Book:

1. Dr N Janardhan and Dr. M V S MuraliKrishna published a book titled "Performance of a Semi Adiabatic Diesel Engine Fuelled with Jatropha Bio-diesel", Chapter 11, Print ISBN: 978-93-5547-480-3, eBook ISBN: 978-93-5547-492-6.
2. Dr.P.Badarinarayana, Dr.Asheesh kumar, Dr.Shantanu kumar das and Dr.S.Narasimha Kumar published a book titled "Hydrogen and storage technologies" by Horizons books ,ISBN No: 978-9391150-12-9
3. P.Ramalakshmi , T Rushyanth and P. Ravinder Reddy, "Estimation of instantaneous shear modulus in neat resin and multi walled nanotube reinforced carbon epoxy composites by finite element analysis ", "Recent Advances in Computational and

Experimental Mechanics, Vol - 1" Book by Springer Nature - Singapore, https://doi.org/10.1007/978-981-16-6738-1_8, online January 1st 2022, pp 97 – 109

4. R. Navaneetha a, , Ch. Indira Priyadarsini a, T. Ratna Reddy, "Study on Corrosion Resistant Materials for Centrifugal Pump Impeller", Print ISBN: 978-93-5547-670-8, eBook ISBN: 978-93-5547-671-5, DOI: 10.9734/bpi/rdst/v5/6135F, DOI: 10.9734/bpi/rdst/v5/6135F, Chapter Published in Research Developments in Science and Technology Vol. 5, May 2022.

Contribution to the outside world:

1. Dr G ChandraMohan Reddy Professor, Department of Mechanical Engineering, CBIT Hyderabad, service rendered as Moderator for IEI Technical Webinar on the theme "Advances in Design & Manufacture of Plastic Injection Moulds" organized by The Institution of Engineers (India), Telangana State Center under the aegis of Production Engineering Division Board on 05/05/2022 from 14:00 hrs to 18:00 hrs
2. Dr G ChandraMohan Reddy - Judge for National Event on Project Expo at National Science day on 28th Feb 2022 organized by MLRIT in Collaboration with AeSI.
3. Dr. P Prabhakar Reddy attended a BoS meeting at MGIT on 27th July 2022
4. .Ipsita Mohanty rendered her services as a member in the panel discussion titled "Entrepreneurship" on world Entrepreneurship Day held virtually during 21-24th August 2021,organized by IIC-CBIT(A) in association with EDC-CBIT(A).

Awards received by the faculty:

1. Dr P Ravinder Reddy received International Scientist Award (HISA 2021) on Engineering, Science and Medicine, 08 Aug. 2021 Pondicherry, India by VDGGOOD Professional Association
2. Dr G ChandraMohan Reddy received Engineer Seva Ratna Award from Engineers Elders Club on 6th Dec 2021 at IEI-TSC from the Chairman, HRC TS.
3. Dr. Rahul received a Best Paper Award under Material Science and Engineering category, for the paper entitled "Effect of Grade 5 Titanium Interlayer on Microstructure and pitting Corrosion Behaviour of AA110/A36 Explosion Welds", in Material TECH 2022 (Second International Conference on Materials and Technologies), National Institute of Technology Raipur, 28th –29th January, 2022.
4. Dr A Kiran Kumar was awarded INSC Young Researcher Award 2022
5. Dr. P Prabhakar Reddy was nominated as the Convenor, SUDHEE-2022
6. P Surendar Reddy successfully completed all the eight modules of NITTTR (National Initiative for Technical Teachers Training) and was awarded a certificate from NITTTR in Sep 2021
7. Dr. Rahul successfully completed all the eight modules of NITTTR (National Initiative for Technical Teachers Training) and was awarded a certificate from NITTTR in Sep 2021
8. Mr T.N.Aditya successfully completed all the eight modules of NITTTR (National Initiative fo Technical Teachers Training) and were awarded a certificate from NITTTR in March 2022

Other Achievements:

1. An MoU was made with Unacademy on 22.3.2022 which generated an amount of Rs.50000 by the efforts of Dr. N V Srinivasulu

Industry Visits:

1. Dr G ChandraMohan Reddy and Ms P Anjani Devi faculty, MED organized and accompanied 30 Students of Third Year Mechanical Engineering to RenewSys India Pvt Ltd, Fabcity, Tukkguda on 12th May 2022. The event Coordinated by Dr BVS Rao, MED
2. Dr. BVS Rao and Dr.Ch. Indira Priya Darshni faculty, MED organized and accompanied 60 Students of Third Year Mechanical Engineering to BHEL, RC Puram on 12th May 2022.
3. Dr. BVS Rao, Dr V.V. R. Seshagiri Rao, Dr.Ch. Indira Priya Darshni and Dr R. Peraiah Chowdary faculty, MED organized and accompanied 30 Students of Third Year Mechanical Engineering to RenewSys India Pvt Ltd, Fabcity, Tukkguda on 13th May 2022.
4. Dr. BVS Rao, Dr. A. Kiran Kumar and Ms. V. Sandhya faculty, MED organized and accompanied 45 Students of Third Year Mechanical and Production Engineering to Pennar Industries Limited, Patancheru on 19th May 2022.
5. Dr. Ashutush Sahu, Smt. D.S. Madhuri and Ms. R Navaneetha faculty, MED organized and accompanied 30 Students of Third Year Mechanical Engineering to Deccan Auto Limited, Patancheru on 19th May 2022.

Academic year 2020-21

- Total 139 number of Research papers were published by various faculty members in National and International Journals from Academic Year 2020-21.
- Total of 22 National/International conferences attended by various faculty members from Academic Year 2020-21.
- Total of 82 seminars/workshops attended by faculty from Academic Year 2020-21.
- Total number of 182 FDP'S attended by all the faculty members from Academic Year 2020-21.
- Total 6 Number of Faculty got Guideship in Osmania University to Guide Ph.D. Scholars recently.

Awards Received:

- Dr. P. Ravinder Reddy, Professor & Director R&D has won International Scientist Award (HISA 2021) on Engineering, Science and Medicine, 26 & 27 Feb. 2021 Hyderabad, India by VDGGOOD Professional Association.
- Dr. N.V. Srinivasulu Professor, has got Best Paper Award for the paper entitled "Influences of functionalized multiwalled carbon nano tube on the tensile and flexural properties of okra cellulose nano fibres/Epoxy nano composites" in the International conference on innovations in mechanical engineering (ICIME) on 26th and 27th Feb 2021.
- Dr B.V.SRao, Assistant Professor has published a Patent on Machine Learning based ball throwing Machine on 2nd Oct 2020.
- Dr. P. Ravinder Reddy, Professor & Principal has Participated in Indo American Artificial Heart Program (IAAHP), 25th - 29th January, 2020, on 25th Jan 2020 at AI Hospital, on 26th Jan 2020 at Laxven systems, on 27th Jan 2020 visit to Palamur and Sipra Labs, on 28th Jan 2020 to Vasantha and Karthik moulds, on 29th Jan. 2020 at Lumbini Lakeview, Hyderabad.
- Dr. Md. Aleem Pasha, Associate Professor Department of Mechanical Engineering, has been selected to Organise a 2 WEEKS FDP from AICTE in the Area of Research Methodology and Statistical Data Analysis worth Rs. 4,89,533.
- Dr. Ch. Indira Priyadarsini, Assistant Professor has successfully completed PhD defense from Osmania University and press note was released on 4-9-2020.
- Dr S. Narasimha Kumar, Assistant Professor has published a Patent on CNG/Natural gas kit design for two wheelers on 28/08/20.
- Dr. P. Ravinder Reddy, Professor & Principal has got Best Paper Award for the paper I'd AIP-46 entitled "Numerical Investigation of Cavitating Flows in the Step Nozzle" in the International Conference on Advancements in Aeromechanical Materials for Manufacturing (ICAAMM-2020) organized by Department of Aeronautical & Mechanical engineering, held on 24th & 25th July 2020, MLR Institute of Technology, Hyderabad, Telangana State, India
- Dr. N.V. Srinivasulu, Professor Department of Mechanical Engineering, has been selected to Organise a ATAL FDP from AICTE in the Area of Molecular Manufacturing.
- Dr. P. Ravinder Reddy, Professor & Principal has won NATA EXCELLENCE AWARD by North American Telugu Association (NATA) for outstanding services in Engineering on 6th July 2018 at Philadelphia convention centre, Philadelphia, USA and Distinguished leader award by Venus International Foundation for contribution and achievement in discipline of Engineering on 5th Jan 2019
- Dr. P. Ravinder Reddy, Professor & Principal is the Principal Investigator for the Development of the components of Artificial Heart-IndoUSA, in collaboration with Pittsburg University, USA, Cornell University, USA and ShareIndia.
- Dr. Rama Lakshmi won Best Prize in e-poster presentation and Rs. 5000/- cash Award at ADMAT (Advanced Materials and Process for Defense Applications) 2019 Conference Organized by DRDO Hyd, India at Marriott Hotel, Hyd from 23th - 25th September, 2019.