

Name of Faculty Chintireddy Sharath Reddy
 Designation Assistant Professor
 Nature of Job/Appointment Contract
 Date of Joining 24 – 06 – 2019
 E-mail csharathreddy_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (ME)	Pursuing
PG	M. Tech. (ME)	Distinction
UG	B. Tech. (ME)	Distinction

Work Experience

Teaching	5 Years 8 Months
Research	--
Industry	--
Others	--

Area of Specialization Machine Design, Additive Manufacturing

Professional Memberships --

Responsibilities held at Institution Level Member, Technical Committee of Web Branding Committee.

Responsibilities held at Department Level Coordinator of Web Branding Committee.

Research Guidance --

Courses Handled at Under Graduate / Post Graduate Level. Engineering Exploration, Engineering Graphics, Engineering Graphics and Design, Finite Element Methods, Automobile Engineering, Operations Research.

No. of Papers Published National Journals – 00 International Journals – 09
 National Conference – 00 International Conference – 00

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker (Few Important/Prominent)

1. Guest Lecture talk on "3D Printing Technology" at J.B. Institute of Technology), 22 – 01 – 2018.

No. of Books/Chapter Published with details

1. 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.
2. 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.
3. 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.
4. Chintireddy Sharath Reddy, Assistant Professor of Chaitanya Bharathi Institute of Technology (A) participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (**Attended and/or Organized**).

FDP on "3D Printing & Design" from 23/08/2021 to 27/08/2021 at MURUGAPPA POLYTECHNIC COLLEGE.

5. 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 Gudlavalleru Engineering College (Autonomous), Gudlavalleru.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. A One Week Faculty Development Program on "Industry 4.0 – A Vision of Design and Manufacturing" at Chaitanya Bharathi Institute of Technology (A) during 16-06-2020 to 20-06 -2020.
12. A One Week Faculty Development Program on "MOODLE Learning Management System" at JNTUH College of Engineering Sultanpur in association with Spoken Tutorial IIT Bombay during 10-06-2020 to 15-06 -2020.
13. A One Week Faculty Development Program on "Open Source Tools for Research" at Ramanujan College, University of Delhi during 08-06-2020 to 14-06 -2020.
14. A One Week Faculty Development Program on "Disruptive Technologies In Mechanical Engineering" at Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad, during 08-06-2020 to 13-06 -2020.
15. A One Week Faculty Development Program on "Outcome Based Education and NBA Accreditation Process – (UG)" at Chaitanya Bharathi Institute of Technology (A) during 28-05-2020 to 01-06 -2020.
16. A One Week Faculty Development Program on "SCILAB – An Open Source Substitute for MATLAB" at JNTUH College of Engineering Sultanpur in association with Spoken Tutorial IIT Bombay during 25-05-2020 to 30-05 -2020.
17. A One Week Faculty Development Program on "Arduino" at Sou. Venutai Chavan Polytechnic, Pune in association with Spoken Tutorial IIT Bombay during 25-05-2020 to 29-05 -2020.
18. A One Week STTP on "Advanced Optimization Tools & Techniques for Researchers & Engineers" at SKN SINHGAD College of Engineering during 23-05-2020 to 27-05-2020.
19. A One Week Faculty Development Program on "Technical Teacher's Training" at VIDYAVARDHINI INSTITUTE OF TECHNOLOGY, PAL during 22-05-2020 to 27-05-2020.
20. A One Week Faculty Development Program on "Online Teaching Etiquette and Best Practices" at Santhiram Engineering College, Nandyal in collaboration with Talentio Solutions India Pvt. Ltd., Hyderabad during 10-05-2020 to 15-05-2020.
21. A One Week Faculty Development Program on "OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE" under Margdarshan Scheme of AICTE, New Delhi at Government College of Engineering, Karad during 11-05-2020 to 15-05-2020.

22. A One Week Certification Course on “Finite Element Methods for Beginners” at CHITKARA UNIVERSITY during 20-04-2020 to 24-04-2020.
23. A One Week TEQIP Workshop on “3D Bioprinting and Biofabrication Technologies and their Applications” at IIT Hyderabad at during 09-12-2019 to 14-12-2019.
24. A One Week STTP on “3D Printing in Modern Engineering” at ICFAI Foundation for Higher Education, Hyderabad during 22-04-2019 to 26-04-2019.
25. A Three Day National Level Workshop on “Teaching, Learning and Evaluation Online with Moodle MOOC Platform and Open Education Resources” at JNTUH College of Engineering Sultanpur during 26-02-2019 to 28-02-2019.
26. A One Week Faculty Development Program on “Medical Image Processing for Biomedical Applications and Additive Manufacturing using MAGICS and MIMICS” at IIITDM Jabalpur during 27-08-2018 to 31-08-2018.
27. A Three Day Faculty Development Program on “Effective Teaching Methodology” at Joginpally BR Engineering College during 03-07-2018 to 05-07-2018.
28. A One Week Faculty Development Program on “Engineering Drawing with Auto CAD” at JB Group of Educational Institutions during 28-06-2018 to 04-07-2018.
29. A Three Week Faculty Induction Training Programme at IIITDM Kancheepuram during 07-05-2018 to 31-05-2018.

Details of Journal Publications/
Conferences (National and
International)
International Journal

1. Kaleru Aparna, Chintireddy Sharath Reddy, Development of efficient compressor wheel for turbocharger by varying number of blades, *Materials Today: Proceedings*, Volume 62, Part 1, 2022, Pages 198-202, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2022.02.617>.
2. Basavaraju, S., Kaleru, A., Chintireddy, S.R. (2021). Heat transfer analysis of gas turbine blade by varying number of cooling holes and at suitable coolant speeds using CFD. *International Journal of Heat and Technology*, Vol. 39, No. 3, pp. 858-866. <https://doi.org/10.18280/ijht.390320>
3. Seelam Ravinder & Chintireddy Sharath Reddy, Optimization of 3D Printing Parameters on Surface Roughness by Taguchi Method, *International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)*, ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 10, Issue 3, Jun 2020, 14413-14420.
4. Reddy, S., Madhava, V., & Reddy, C. S. (2017). 3D Printing Technologies and Processes—A Review. *IOSR Journal of Engineering*, 7(9), 01-14.
5. Vikas, B., Hussain, D.M., & Reddy, C.S. (2019). Optimization of 3D Printing Process Parameters of Poly Lactic Acid Materials by Fused Deposition Modeling Process.
6. Reddy, C.S., & Kumar, J.J. (2016). Displacement Analysis and Output Force Estimation of A Compliant Robotic Microgripper. *International journal of scientific research in science, engineering and technology*, 2, 91-96.
7. Reddy, C.S., Reddy, K.S., & Kumar, C.A. (2019). FABRICATION AND OPTIMIZATION OF DELTA COORDINATE-FUSED DEPOSITION MODELLING MACHINE. *Journal of Emerging Technologies and Innovative Research (JETIR)* 6 (1), 197-206.
8. CSR, CHINTHAKINDI VINOD (2018). 3D printing Modern Medical Applications: Review 3D printing has brought a revolution in Medical field. *INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS - IJCRT* 6 (1), 60-64.
9. CHSR, Chinthakindi Vinod, P. Chandra Kumar (2017). Design and Dynamic Analysis of Hydraulic Press Machine for Sheet and Pipe bending Operations. *International Journal of Engineering Technology Science and Research (IJETSR)* 4 (12), 1106-1113.