

Name of Faculty Dr. A. CHANDRAKANTH
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 20 – 10 - 2016
 E-mail chandrakanth_mech@cbit.ac.in



| Education Qualifications | Name of the Degree | Class |
|--------------------------|-----------------------------------|---------|
| Ph. D | Doctor of Philosophy (Mechanical) | Awarded |
| PG | M. Tech. (Mechanical) | First |
| UG | B.E. (Mechanical) | First |

Work Experience

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|--|---|--|
| Teaching | 08 Years | |
| Research | -- | |
| Industry | 03 Years | |
| Others | -- | |
| Area of Specialization | Production Engineering | |
| Professional Memberships | Member of Institute NBA Committee | |
| Responsibilities held at Institution Level | -- | |
| Responsibilities held at Department Level | 1. Department Placement Coordinator from 2022 to till date 2. Member, Informatics committee from 2020 to till date | |
| Research Guidance | -- | |
| Awards Received | 1. Received Professor Abid Ali Memorial Award from UCEOU, Hyd. | |
| Courses Handled at Under Graduate / Post Graduate Level. | Additive Manufacturing, Dynamics of Machines, Entrepreneurship, Metal cutting and Machine tool Engineering, Non Destructive Testing and Evaluation. | |
| No. of Papers Published | National Journals – Nil International Journals – 10 | |
| Projects Carried out | National Conference – 03 International Conference – 13 | |
| Patents | -- | |
| Technology Transfer | -- | |
| Invited Speaker | Resource person for a workshop on “Machine drawing and Machining”, held at HCU, Hyderabad during 20-25 Aug 2018 | |
| No. of Books/Chapter Published with details | -- | |

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

1. One-week Faculty Development Programme on "Outcome based education and NBA accreditation process-UG" organized by CBIT from 28.05.2020 to 01.06.2020.
2. One-week Faculty Development Programme on "Computer Integrated Manufacturing & CNC (CIM/CNC)" organized by NITTTR, Chandigarh from 25.05.2020 to 29.05.2020.
3. One-week Faculty Development Programme on "Modeling and simulation using MATLAB" organized by NITTTR, Chandigarh from 18/05/2020 to 22/05/2020.
4. Two days online workshop on "Intellectual Property Rights" organized by Pandit Deendayal Petroleum University, Gandhinagar on 10th and 11th April, 2020.
5. Three days of video lectures and hands on work on Effective and Efficient Online Teaching in the Age of Corona, A hands on Workshop (24 May 2020) by IIT Bombay.
6. Two weeks course in "Digital Transformation in Teaching and learning" from 6th to 22nd April, 2020, by IITB and NPIU funded by MHRD
7. Organized one week workshop on "Machine drawing and Machining" from 20.08.2018 to 26.08.2018 at school of physics HCU, Hyderabad
8. Attended one-week short term course on "Impact and blast: modelling and prediction" from 25th - 30th Mar, 2019 at IITM, Madras.

Details of Journal Publications/
Conferences (**National and International**)
International Journal from the year 2017

1. T.N Aditya, Dr Md Aleem Pasha, A. Chandrakanth, Dr Manowar Hussain Evaluation of tensile strength of friction stir processed Al 6063 with SiC reinforcement. ISSN no. 2231-3990, vol 9 issue 5, May 2020
2. Dr Md Aleem Pasha, T.N Aditya, A. Chandrakanth, Dr Manowar Hussain, Evaluation of optimum input process parameters and theoretical optimum response parameters of FDM. ISSN no. 2231-3990, vol 9 issue 5, May 2020.
3. Chandrakanth, T.N Aditya, Dr Md Aleem Pasha, A study on effect of process parameters on abrasive water jet machining. ISSN no. 2231-3990, vol 9 issue 5, May 2020
4. T N Aditya, A. Chandrakanth, M Elangovan "A study on Effect of process parameters on quality using low cost 3D printer" published in International Journal of Engineering and Technology
5. Satyanarayana, M. Krishna, A. Chandrakanth, R. Pradyumna "Influence of LASER CMM Process Parameters on Dimensional Inspection of Standard Spheres".
6. Performance evaluation of machine tool probe for in-process inspection of 2d and 3d geometries, C Achelker, NS Rao, R Rajendra, A Krishaniah, Procedia Technology, <https://doi.org/10.1016/j.protcy.2014.08.032>