

Name of Faculty Mr. T. N. Aditya  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 22 – 09 - 2016  
 E-mail tnaditya\_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Mech)	Pursuing
PG	M. Tech. (Engineering Design)	First
UG	B. E. (Mechanical)	First

#### Work Experience

Teaching	08 Year
Research	--
Industry	--
Others	--
Area of Specialization	Engineering Design, Biomedical Composites.
Professional Memberships	--
Responsibilities held at Institution Level	<ol style="list-style-type: none"> <li>1. Photography In charge from 01.07.2020 to till date</li> <li>2. Member Web branding committee.</li> <li>3. IUCEE coordinator</li> <li>4. Faculty coordinator CPC club</li> <li>5. Department Coordinator Coding School</li> </ol>
Responsibilities held at Department Level	<ol style="list-style-type: none"> <li>1. Co-Ordinator of MHRD Programs.</li> <li>2. Faculty Co-Ordinator, Web and Branding Committee</li> <li>3. Member Informatics committee I</li> </ol>
Research Guidance	--
Awards Received	--
Courses Handled at Under Graduate / Post Graduate Level.	Machine Design, Fluid Dynamics, Machine Drawing, Elements of Mechanical Engineering, Failure Analysis and Design, Engineering Graphics and Design, Non-Destructive Testing and Evaluation, Principles of Management, Computer aided Design and Drafting
No. of Papers Published	National Journals – Nil International Journals – 10
	National Conference – 03 International Conference – 13
Projects Carried out	--
Patents	Worked as Team Member in the following Technology Transfer
Technology Transfer	--
Invited Speaker	Guest Lecture on Additive Manufacturing and its Applications for one week Faculty Development Program on "Recent Trends in Mechanical and Industrial Engineering, RTMIE-2017.
No. of Books/Chapter Published with details	--

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

1. Completed 8 modules of NITTT (Teacher training course of AICTE) in February 2022.
2. FDP on Material Processing and optimization from 06-07-2020 to 10-07-2020 by Nitrr Chandigarh
3. Summer Faculty Research fellow program from 13-06-2020 to 31-07-2020 by IIT Delhi
4. Co-coordinator for AICTE sponsored FDP on Research Methodologies and Statistical Data Analysis organized by CBIT, Hyderabad during 16/11/2020 to 28/11/2020
5. Co-coordinator for AICTE sponsored FDP on Research Methodologies and Statistical Data Analysis organized by CBIT, Hyderabad during 14/12/2020 to 26/12/2020
6. FDP on Molecular Manufacturing from 19-10-2020 to 23-10-2020 by
7. Co-coordinator of FDP on Industry 4.0- A Vision of Design & Manufacturing, organized by CBIT, Hyderabad during 16/06/2020 to 20/06/2020.
8. ATAL Faculty development program on "3D printing "by NITW during 15-06-2020 to 19-06-2020.
9. FDP on Waste Management from 08-06-2020 to 12-06-2020 by Nitrr Chandigarh.
10. FDP on OBE and NBA Accreditation from 28-05-2020 to 01/06/2020, by CBIT hyd.
11. FDP on CIM/CNC from 25-05-2020 to 29-05-2020. By Nitrr Chandigarh.
12. FDP on modeling and simulation using MATLAB 18-05-2020 to 22-05-2020 by Nitrr Chandigarh
13. Successfully Completed "Introduction to Matlab Programming" an online non credit course authorized by Vander Bilt University offered through Coursera on 21/05/20.
14. 3 days of video lectures and hands on work on Effective and Efficient Online Teaching in the Age of Corona, A hands on Workshop (16 May 2020) by IIT Bombay
15. One week FDP on "Outcome Based Education : A Step Towards Excellence" conducted by Govt .College of Engineering, Karad, Maharashtra from 11-05-2020 to 15-05-2020
16. Successfully completed "Introduction to Engineering Mechanics" an online non credit course authorized by Georgia Institute of Technology offered through Coursera on 30/04/20
17. Successfully completed "Fundamentals of Management" an online non credit course authorized by UCI offered through Coursera on 26/04/20.
18. Successfully Completed "Mechanics of materials I fundamentals of stress and strain and axial loading" an online non credit course authorized by Georgia Institute of Technology offered through Coursera on 19/04/20.
19. Successfully completed "Digital manufacturing and design" an online non credit course authorized by State University of New York offered through Coursera on 14/04/20
20. Successfully completed "Material science; ten things every engineer should know" an online noncredit course authorized by UC DAVIS offered through Coursera on 11/04/20.
21. A One-week short term course on Engineering Research Methodology from 9-12-2019-13 -12-2019 by Osmania University
22. A one-week FDP on "Meeting the Challenges of Teacher in Modern Engineering Education" conducted by ITC CBIT from 12-06-2017 to 17-06-2017.

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

#### International Journal from the year 2017

1. T. N. Aditya, Md. Aleem Pasha, A. Chandrakanth, ManowarHussain (2020). Evaluation of Tensile Strength of Friction Stir Processed Al6063 with SiC Reinforcement. . Alochana Chakra Journal , Vol. IX, Issue V, 6234-6240.
2. Md. Aleem Pasha, T. N. Aditya, A. Chandrakanth, ManowarHussain (2020). Evaluation of Optimum Input Process Parameters and Theoretical Optimum Response Parameters of FDM. Alochana Chakra Journal , Vol. IX, Issue V, 7324-7332.
3. A. Chandrakanth, T. N. Aditya, Md. Aleem Pasha (2020).“A Study on Effect of Process Parameters on Abrasive Water Jet Machining”,Alochana Chakra Journal , Vol. IX, Issue V,8499-8504.
4. T. N. Aditya , A. Chandrakanth, M.Elangovan . “A study on effect of process parameters on quality using low cost 3D printer”, International Journal of Engineering and Technology, Vol7. No3.29 (2018).

#### International /National Conferences from the year 2017

1. Presented Paper titled “A study on effect of process parameters on quality using low cost 3D printer” at ICRAAESCCT -2018 International Conference held at BVRIT, NarsapurTelangana on 12-13 july 2018

