

Name of Faculty Ms. V. SANDHYA  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 29-10-2008  
 E-mail vsandhya\_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy	Pursuing
PG	M. Tech. (Production Engineering)	First with Distinction
UG	B. Tech. (Mechanical Engineering)	First with Distinction

Work Experience

Teaching	15 Years
Research	04 years
Industry	--
Others	--

Area of Specialization Production Engineering

Professional Memberships --

Responsibilities held at Institution Level Co-Incharge for the Entrepreneurship Development Cell

Responsibilities held at Department Level  
 1. Member, Course Expert Group from June 2020 to till date  
 2. Incharge, Machine Tools Lab from 2019

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Metal Cutting & Machine Tools, Operations Research, Metal Casting and welding, Optimization Techniques, Intellectual Property Rights, Prime Movers & Pumps, Product Design and Process Planning

No. of Papers Published National Journals – Nil International Journals – 07

National Conference – Nil International Conference – 02

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details --

- Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).
1. Completed an online 5 weeks non-credit course "Materials Science: 10 Things Every Engineer Should Know" authorized by University of California, Davis and offered through Coursera.2020
  2. A National level two day workshop on "Interface of Statistical Analysis using R" CBIT, Hyderabad. 9th and 10th February, 2018
  3. A Two day National level Workshop on "Applied Numerical Methods, Optimization Techniques & Learning" (ANMOL-2018) MVSREC, Hyderabad. 19th- 20th JANUARY, 2018.
  4. Advances in Research & Innovations in Mechanical Engineering MJCET, Hyderabad 30 Jan – 01 Feb,2017
  5. One week Faculty Development Programme on "Materials Processing and Optimization" organized by NITTR, Chandigarh

- from 06-07-2020 to 10-07-2020
6. One week Online FDP on "Industry 4.0- A Vision of Design & Manufacturing", organized by CBIT(A), Hyderabad during 16-06-2020 to 20-06-2020
  7. One week Online FDP on "Data Science using R programming" organized by Mahaveer Institute of Science and Technology in association with Webtek labs from 12<sup>th</sup> to 17<sup>th</sup> June, 2020.
  8. 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
  9. One week Faculty Development Programme on "Recent Advances in Material Characterization" organized by NITTR, Chandigarh from 23-05-2020 to 28-05-2020
  10. "One week FDP on "Outcome Based Education: A Step Towards Excellence" conducted by Govt.Engineering college, Karad,Maharashtra from 11-05-2020 to 15-05-2020.
  11. A Two Week FDP on "Contemporary Advances in Materials & Manufacturing Engineering (CAMME-+017)" Sponsored by AICTE. 30th October to 10th November, 2017. JNTU KAKINADA
  12. Organized IMPRESARIO-2020" The Entrepreneurial Diversity", Tech-Entrepreneurship fest during 6<sup>th</sup> -7<sup>th</sup> March,2020
  13. Organized a one day workshop titled 'Nurturing Holistic Lifestyle Among Professionals'on 12<sup>th</sup> February,2020
  14. Organized a two day workshop on "Augmented Reality" in collaboration with T-Hub start-up, Hyderabad during 25<sup>th</sup> -26<sup>th</sup> October , 2019
  15. Organized IMPRESARIO-" The Entrepreneurial Culture", Tech-Entrepreneurship fest during 18<sup>th</sup> -19<sup>th</sup> February,2019
  16. Organized a seminar / discussion session for study abroad aspirants on 01-03-2019 in collaboration with Gyandhan, Sri Jainesh Sinha was the guest speaker
  17. organized a student information session for III Sem students on "Technology Enterpreneursip programme (TEP) 2.0" by Ekta Chowdary, ISB, Hyderabad and Mallesh Tallapally, TASK, Hyderabad on 13-08-2018.
  18. Organised a Boot Camp on "E Summit 2.0" on 19-07-2018
  19. organized a seminar on " Manufacturing, supply chains-Trends and research scope" and "scope of graduate studies and research studies at Binghamton University" by Prof Nagendra Nagarur, Industrial Engineering, Binghamton University on 09-01-2018
  20. Organized a one day workshop on "Jobs Vs Higher Studies Vs Entrepreneurship" on 17.01.2018
  21. Conducted a Pep talk on 'The key role & Importance of entrepreneurship for a successful career in the present era' by Dr. Nikhil Chadwani on 26.07.2017.
  22. Organized an awareness programme on 'National Entrepreneurship Network' on 17.08.2017
  23. Organized IMPRESARIO tech-entrepreneurship fest conducted by E-Cell CBIT in February,2017 20-02-2017 to 22-02-2017

#### **International/National Journals from the Year 2017**

1. Varimadugu Sandhya, Jyothirmayi narne, Manufacturing and testing of composite rod for replacement of mild steel for construction purpose, International journal of mechanical and production engineering research and development. vol. 10, issue 3, Jun 2020, 2853-2864
2. V. Sandhya, M. Vamsi krishna, S. Sai kiran & Ch. Satish,The multi objective optimization of mechanical properties and bead geometry in MIG welding.International journal of mechanical and production engineering research and development. vol. 9, issue 3, Jun 2019, 1785-1792
3. Venkata Sushma Chinta, Y.Nagini, V.Sandhya, E.Hima Nandini, Shaheen, J.Suteja(June 2018). Investigation of Mechanical Properties of Bidirectional Carbon/ Glass Reinforced Epoxy Hybrid Composites, International Journal of Mechanical and Production Engineering Research and Development, ISSN(P):2249-6890,ISSN(E):2249-8001,Scopus Indexed, pages 449-456, Vol 8., Issue 3
4. Jyothirmayi Narne, Varimadugu Sandhya, Nagini Yarramsetty, V.Jaipal Reddy(2018). Experimental and Numerical Investigations on Crack Propagation in Titanium Alloys, International Journal of Current Engineering and Technology, ISSN(P):2347-5161, ISSN(E):2277-4106, pages 922-927, Vol 8., Issue 4