

Name of Faculty IPSITA MOHANTY  
 Designation Assistant. Professor  
 Nature of Job/Appointment Contract (up to 31.05.2021)  
 Date of Joining 29-06-2019  
 E-mail ipsitamohanty\_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
PG	M. Tech. (Thermal Engineering)	Distinction
UG	BE (Mechanical Engineering)	First

**Work Experience**

Teaching	2 Years
Research	--
Industry	--
Others	

Area of Specialization Thermal Engineering

**Professional Memberships**

Responsibilities held at Institution Level ---  
 Responsibilities held at Department Level 1. Member – Informatics group

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Entrepreneurship, Material Science and Metallurgy, Thermodynamics.

No. of Papers Published National Journals – Nil International Journals – 2  
 National Conference – Nil International Conference – Nil

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. Participate in one-week FDP on Outcome based education and NBA during 28 May- 1st June by CBIT(A)
  2. Participated in one-week FDP on "Outcome based education: step towards Excellence " during 11th-15th May 2020 by GCE, Karad.
  3. One-week FDP on Recent advancement in material characterization during 23-28 May 2020 by NITTR Chandigarh.
  4. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28<sup>th</sup> April to 22<sup>nd</sup> May 2020.
  5. Successfully Completed "Materials Science: 10 Things Every Engineer Should Know an online non-credit course authorized by University of California, Davis and offered through Coursera on 14-05-2020.
  6. Successfully Completed "Entrepreneurship I: Laying the Foundation an online non-credit course authorized by University of Illinois at Urbana-Champaign and offered through Coursera on 14-05-2020.
  7. Participated in the India first Leadership Talk webinar with Mr. Shridhar Venkat, CEO (Akshaya Patra Foundation) held on 20th June 2020 by MHRD's Innovation Cell.
  8. Participated in the India First Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment) held on 13th June 2020 by MHRD's Innovation Cell.
  9. Participated in India First Leadership talk with Ms. Ashwini

Deshpande (Co-Founder & Director Elephant Design) held on 6th June 2020 by MHRD's Innovation Cell.

10. Participated the India First Leadership Talk Webinar with Mr. Mahesh Babu CEO Mahindra Electric Mobility Ltd., 23<sup>rd</sup> May 2020 conducted by MHRD's Innovation Cell.
11. Participated the India First Leadership Talk Webinar with Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited, 16<sup>th</sup> May 2020 conducted by MHRD's Innovation Cell.
12. Participated the India First Leadership Talk Webinar with Prof D. P. Singh, Chairman UGC, 9<sup>th</sup> May, 2020 conducted by MHRD's Innovation Cell.
13. Participated in the Webinar "Research opportunities in the field of technology" by Dr. DaulatRao Aher college of engineering, Karad Maharashtra on 27-5-20.
14. Participated in the Webinar on "Industry-4.0: A transformation in manufacturing" by ISIE -India on 26-05-20
15. Participated in the Webinar on "Advanced OBE-identifying weaker students and remedial actions" by INPODS 23-5-20.
16. Participated in the webinar on "Energy and innovation" by AISSMS college of engineering, Maharashtra on 27-05-20

#### **International Journal from the Year 2017**

1. Ipsita Mohanty, M.V.S Murali Krishna, M. Ravi Chandra (2020) "Butanol Blend Reduces Pollutants in Spark Ignition Engine", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol.10, Issue 2, pp.1031-1038
2. Ch. Indira Priyadarshini, M.V.S. Murali Krishna, Ipsita Mohanty, Y.Nagini, S.Narasimha Kumar, K.Kishor.(2018) "Control of exhaust emissions from copper coated spark ignition engine with Butanol blended gasoline with catalytic converter with different catalysts", Pollution Research. 37, Issue 4, pp 278-282.