

Name of Faculty B. SURYANARAYANA  
 Designation Associate Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 05-08-1987  
 E-mail bsuryanarayana\_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Mechanical Engineering)	Pursuing
PG	ME (Production Engineering)	First
UG	BE (Mechanical Engineering)	First

Work Experience

Teaching	33 years (Includes Research Experience)
Research	03 years
Industry	01 tear
Others	--

Area of Specialization Production Engineering, Composite Materials, Buckling

Professional Memberships ISTE – (Life Membership)

Responsibilities held at Institution Level --

Responsibilities held at Department Level Lab In-charge - Metallurgy Lab

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Metal Casting (MC), Material Science & Metallurgy (MSM) (Theory & Lab), Fluid Dynamics (FD), Modern Management Organization (MMO) (for CSE), Administration Management & Contracts (MAC), Organizational Behaviour (OB) (for MCA), Industrial Administration & Financial Management (IAFM), Entrepreneurship, Intellectual Property Rights (IPR), Principles of Management (POM), Human Values & Professional Ethics (HVPE), Human Rights & Legislative Procedure (HRLP).

No. of Papers Published  
 National Journals – 00 International Journals – 02  
 National Conference – 00 International Conference – 00

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. Attended One Week Online Refresher Course on “BHARATEEYA CHAITANYAM”, organized by GEERVANA BHARATHI of CHAITANYA SAMSKRUTHI, Chaitanya Bharathi Institute of Technology (CBIT), Gandipet, Hyderabad, from 29-06-2020 to 05-07-2020. .
2. Attended One Week Online Faculty Development Programme on “Advanced Materials and Manufacturing” organized by Department of Mechanical Engineering, Kakatiya Institute of Technology and Science, Warangal, from 29-06-2020 to 03-07-2020.
3. Attended One Week Online Faculty Development Programme on “Advancements in Manufacturing & Optimization Techniques” organized by Department of Mechanical Engineering, Jayamukhi Institute of Technological Sciences, Warangal, from 22-06-2020 to 26-06-2020.
4. Attended One Week Online Faculty Development Programme on “Industry 4.0 – A Vision of Design and Manufacturing” organized by Mechanical Engineering Department, Chaitanya Bharathi Institute of Technology (CBIT), Gandipet, Hyderabad, from 16-06-2020 to 20-06-2020.
5. Attended One Week Online Faculty Development Programme on “Outcome Based Education and NBA Accreditation Process” organized by Chaitanya Bharathi Institute of Technology (CBIT), Gandipet, Hyderabad, from 28-05-2020 to 01-06-2020.
6. Attended One Week Online Faculty Development Programme on “Drone View of Hotspots in Mechanical Engineering” organized by Department of Mechanical Engineering, St. Peter’s Institute of Higher Education and Research, Avadi, Chennai, from 25-05-2020 to 29-05-2020.
7. Completed Online 5 weeks non-credit course “Materials Science: 10 Things Every Engineer Should Know”, authorized by University of California, Davis, and offered through COURSERA, on 26-05-2020.
8. Completed an Online 4 weeks non-credit course “Ferrous Technology-I”, authorized by Pohang University of Science and Technology and offered through COURSERA, on 24-05-2020.

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

1. K. Kishor and B. Suryanarayana (2020), “Comparative FE Thermal Analysis of Copper Coated 2- Stroke SI Engine Components over Conventional Engine”, International Journal for Research in Engineering Application & Management (IJREAM), ISSN NO: 2454-9150, Volume 06, Issue 03, pp. 285-290. (Impact factor = 6.466)
2. B.S.R. Venu Madhav and B. Suryanarayana (2019), “Hot Deformation Behaviour Studies on 58Ni-39CR Nickel Super Alloy by Thermo-Mechanical Simulation and Finite Element Method”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN (P): 2249-6890; ISSN (E): 2249-8001, Volume 09, Issue 03, pp. 1085-1094. (Impact factor = 7.6197)