

1 Name of Faculty M AMARNATH
 2 Designation Assistant Professor
 3 Nature of Job/Appointment Regular
 4 Date of Joining 24-06-2019(Regular)
 03-10-2013(Contract)
 5 E-mail amaranth_maths@cbit.ac.in



6 Education Qualifications	Name of the Degree	Class
Ph. D	Pursuing	
PG	M.sc(Mathematics)	First Class
UG	B.Sc(M.P.C)	First Class

7 Work Experience

Teaching	12 Years
Research	
Industry	--
Others	--

8 Area of Specialization Mathematics

9 Professional Memberships -

10 Responsibilities held at Institution Level **1.Member in College Annual Day Function.**

11 Responsibilities held at Department Level **1. Member in course Expert group.
2. Time table in charge.**

12 Research Guidance No

13 Awards Received -

14 Courses Handled at Under Graduate / Post Graduate Level. Differential equations and Numerical Methods, Transform theory and complex Analysis, Calculus
 Differential equations and Transform theory, Vector Calculus and Differential equations, Applied Mathematics. Mathematics-1, Mathematics-2, Engineering Mathematics-1, Engineering Mathematics-2, Engineering Mathematics-3,

15 No. of Papers Published National Journals – 00 International Journals – 05
 National Conference – 00 International Conference – 00

16 Projects Carried out -

17 Patents -

18 Technology Transfer -

19 Invited Speaker -

20 No. of Books/ Chapter Published with details .

21 Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (Attended and/or Organized).

WS/ Seminars/ Conferences/ STTPS/ FDPs Attended

1) M Amarnath of Chaitanya Bharathi Institute of Technology (A), Hyderabad, has participated in One week online FDP on "Quality Education through OBE" organized by Chaitanya Bharathi Institute of Technology (Autonomous), Gandipet, Hyderabad-500 075, Telangana, India., in association with IEEE Education Society Student Branch Chapter CBIT during 22nd - 27th January 2024

2) M AMARNATH Asst professor, attended a one week Faculty Development Programme on National level FDP on "Recent Trends in Mathematics" organized by Department of Mathematics

and Statistics under DBT-Star college scheme from 14-02-2022 to 18-02-2022.

3) M AMARNATH Asst professor participated in One Week Faculty Development Programme on **“Recent Trends in Applications of Mathematics (RTAM)”** organised by Department of Freshman Engineering, Chadalawada Ramanamma Engineering College (Autonomous), Tirupati from 12th - 17th July 2021.

4). Participation in one week online Faculty Development Programme on **“MATHEMATICS FOR A BETTER WORLD”** held during 21st-26th March, 2022.

5). Participated 40-Hour Online FDP on **“Mathematical Relevance to Artificial Intelligence and Machine Learning”** organized by E&ICT Academy, NIT Warangal and CMR Engineering college(A) Hyderabad from 7th-17th February, 2022

6). Participated One Week Online International Faculty Development Programme on **“THE ROLE OF LINEAR ALGEBRA IN MACHINE LEARNING, ARTIFICIAL INTELLIGENCE & DATASCIENCE”**, organized by Departments of Mathematics and Humanities, Computer Science Engineering and Information Technology, Mahatma Gandhi Institute of Technology, Hyderabad from 29-11-21 to 03-12-21.

7) M AMARNATH Asst professor, attended a one week Faculty Development Programme on **e-learning: managing online classes & creating content** organized by IQAC Cell, Anuradha Engineering College held during 8th to 12th June, 2020.

8) M AMARNATH Asst professor, attended a one week online Faculty Development Programme on **“Outcome Based education and NBA Accreditation process -UG”**, from 28th MAY-1ST JUNE, 2020, organized by CBIT, Hyderabad.

9) M AMARNATH Asst professor, attended a Short term training programme on **“MATLAB based Teaching-Learning in Mathematics, Science & Engineering”**. organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd. Mumbai during 18th to 22nd May 2020.

10) Attended **“2-Day Rural Immersion Training Programme on Swachhatha Action Plan and community Engagement”** held on 14th and 15th November 2019, organized by Mahatma Gandhi National Council of Rural Education, Hyderabad collaboration with CBIT, HYD.

11) Attended 4th International Vedic Mathematics Conference held at Chaitanya Bharathi Institute of Technology, Hyderabad from 29th, AUG to 31st AUG, 2019.

12) M AMARNATH Asst professor, attended a one week Faculty Development Programme on **“Data Science”** E & ICT Academy, NIT, Warangal at CBIT(A), HYD, from 5th-10th August, 2019.

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

1. P.Ramulu, C Gangadhar,M.Amarnath and G.L.Reddy(2021) "On The Location of Zeros of Polynomials with Different Complex Coefficients", Advances in Dynamical Systems and Applications (ADSA),volume 16,number2,2021.ISSN 0973-5321.
2. B R Sreedhar,K.Muthyalappa,**M.Amarnath** (2020)"A Stochastic Study on Different Oil Seeds Using DEA Approach", International Journal of Scientific Research in Mathematical and Statistical Sciences, Volume -7, Issue- I pp. 086-091,February(2020).
3. P Muralikrishna, B Satyanarayana,KRajagopal,**M Amarnath** (2019) "Thermodynamic And Transport Properties of Binary Liquid Mixtures of Sulfolane With Some organic solvents at 308.15K", International Journal Recent Scientific Research, Vol. 10 Issue 05(B) pp. 32254-32257,May(2019).
4. PSuresh,HariKrishna,B.Mahaboob,**MAmarnath**, P.V Janardhar Reddy(2019)"Heat transfer and stagnation point flow of non-newtonian cassin fluid over stretching surface", International Journal of Modern Engineering and Research Technology, Volume 6, Issue 2 pp. 033-039.
5. K.Muthyalappa, B R Sreedhar,**M.Amarnath**(2023)Forecast Analysis of Yearly Groundnut Productivity in India Using Auto Regression Integrated Moving Averages Model.NOVI MIR Research Journal.ISSN NO: 0130-7673

