

Name of Faculty M. NAGARAJU
 Designation Assistant Professor
 Nature of Job/Appointment Regular



Date of Joining 18 – 06 - 2018

E-mail mnagaraju_eee@cbit.ac.in

Education Qualifications	Name of the Degree	Class
Ph. D	Registered (2017)	Pursuing
PG	M. Tech. (Power & Industrial drives).	First
UG	B. Tech. (EEE)	First

Work Experience

Teaching	07 Years
Research	02 years
Industry	2 years 7 months
Others	-----

Area of Specialization Power & Industrial drives, Multilevel inverters, Electrical machines

Professional Memberships --

Responsibilities held at Institution Level

1. Member, Photography committee – CBIT, from 01-07-2020 to till date.

Responsibilities held at Department Level

1. Incharge - Department Library.
2. Incharge – NIRF
3. Incharge - ARIIA
4. Incharge- Collecting and maintaining faculty professional activities (achievements)
5. Member – Fit India

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Electrical Machines-I, Electrical Machines-II, Electrical Machines-III, Control Systems, Basic Electrical Engineering, Electrical Machine Design

No. of Papers Published National Journals – -- International Journals – 06

National Conference – -- International Conference – 01

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. **M.Nagaraju** attended a six day STTP titled "Electric Vehicle Evolution - Impact on Power Grid" organized by Sri Venkateswara College of Engineering Sriperumbudur, Tamil Nadu from **8th Feb, 2021 to 13th Feb, 2021**.
2. M. Nagaraju, attended a five-day faculty development programme on "Renewable Energy Application in Smart Grid, Micro Grid and EVs (REASGMGEV-2020)" conducted by GMRIT, Rajam during 13-07-2020 to 17-07-2020
3. Dr.T.Murali Krishna as a coordinator Dr.N.Vasantha Gowriand **M.Nagaraju** as a co coordinators organized a short term training program (STTP) Phase-1 titled "Trends & Challenges of Hybrid Electric Drive Utilities in Transport Sector" at CBIT, Hyderabad from **3rd Aug, 2020 to 8th Aug, 2020**.

4. Dr.T.Murali Krishnaas a coordinator **M.Nagaraju** and Dr.N.V.Phanendra Babuas a co coordinators organized a short term training program (STTP) Phase-2 titled “Trends & Challenges of Hybrid Electric Drive Utilities in Transport Sector” at CBIT, Hyderabad from **2nd Nov, 2020 to 7th Nov, 2020**.
5. Dr G. Suresh Babu as a convener, Mr M.Nagaraju as a coordinator conducted a seven day refresher course on “Bharateeya Chaitanyam” at Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad (online) during 29-06-2020 to 05-07-2020.
6. Mr M. Nagaraju participated and completed the five day faculty development program on “Outcome Based Education and NBA Accreditation Process-(UG) “, organized by Chaitanya Bharathi Institute of Technology(A), Hyderabad during 28th May to 01st June 2020.
7. M. Nagaraju participated and completed the five day faculty development program on “Recent Advances in Power electronics Applications with Matlab Simulations” organized by dept of Electrical Engineering, NIT Patna under E&ICT academy during 25th – 30th May, 2020.
8. Mr M. Nagaraju, attended one day webinar on “Digital Productivity” during 15th May, 2020, organized by Storm Overseas.
9. Mr M. Nagaraju, attended one day webinar on “Digital Transformation” during 12th May, 2020, organized by Storm Overseas.
10. Mr M. Nagaraju, attended one day webinar on “Safe management of covid waste in India.” during 30th Apr, 2020, organized by CIPS.
11. Mr M. Nagaraju, attended one day webinar on “Permanent Magnet Machines for Industrial and Strategic Applications” during 26th Apr, 2020, organized by IEEE CBIT.
12. Mr M. Nagaraju, attended one day webinar on “NAAC Accreditation Management System” during 17th Apr, 2020, organized by In Pods Ed-tech.
13. M Nagaraju, attended a six-day faculty development program on “Integration of Renewable Energy Sources” at NIT-Warangal, conducted by Electronics & ICT academy during 3rd to 8th June, 2019.
14. M.Nagaraju, attended a One-day workshop on “Significance of MATLAB in Applications of Emerging Technologies” at ChaitanyaBharathi Institute of Technology (CBIT), Hyderabad on 26th June, 2019.
15. M Nagaraju, attended a five-day faculty development program conducted by In-House Training Centre of ChaitanyaBharathi Institute of Technology (CBIT) during 26th to 30th Nov, 2018.

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

International Journal

1. **M. Nagaraju**, N.V. Phanendrababu “DC Side Controllers for Grid Connected Hybrid Renewable Energy Sources” AEGAEUM JOURNAL, Vol. 9, Issue 5, pp. 308-321, May-2021, ISSN: 0776-3808, Impact factor: 6.2, DOI: 16.10089.AJ.2021.V915.285311.4349 **(UGC Care)**.
2. N.V. Phanendrababu, **M. Nagaraju** “Selection of Optimal Locations for Phasor Measurement Units (PMUs) using Analytical Hierarchy Process (AHP)” AEGAEUM JOURNAL, Vol. 9, Issue 5, pp. 269-273, May-2021, ISSN: 0776-3808, Impact factor: 6.2, DOI: 16.10089.AJ.2021.V915.285311.4345 **(UGC Care)**.
3. **M Nagaraju**, M Kirankumar, “Analysis of series/parallel multi-level inverter with symmetrical and asymmetrical configurations”, International Journal of power electronics and drives systems (IJPEDS), Vol. 10, Issue. 1, pp: 300-306, **Mar-2019**, ISSN: 2088-8694, **Scopus Indexed, DOI: 10.11591/ijpeds.v10.i1. SNIP:1.088, SJR: 0.304, H-Index:13**
4. **M Nagaraju**, M Kirankumar, “Comparison of seven level inverter topologies with reduced number of switch count” Journal of advanced research in dynamical and control systems (JARDCS), vol 10, special issue 04, pp:531-543, MAY 2018, ISSN 1943-023X, **SCOPUS INDEXED**