

Name of Faculty I.PRANAV
 Designation Asst. Professor
 Nature of Job/Appointment Regular
 Date of Joining 21-08-2006
 E-mail ipranav_eee@cbit.ac.in



Education Qualifications	Name of the Degree	Class
PG	M. Tech. (ICE.)	First
UG	B. E. (EEE)	Second

Work Experience

Teaching	17 Years and 05 months till date
Research	--
Industry	06 Months
Others	--

Area of Specialization Instrumentation and Control Engineering.(ICE)

Professional Memberships Member, ISTE. Membership No. LM 95059

Responsibilities held at Institution Level

1. Worked as Co-Convener for Disiplinary Committee at Shruthi-2020.
2. ITK Subject Classes Incharge.

Responsibilities held at Department Level

1. News Letter In-Charge
2. Website and Branding Committee In-Charge
3. Member, Course Expert Group
4. Member, Disciplinary Committee
5. Microprocessors & Microcontrollers Lab In-Charge
6. Class Teacher for IV-SEM(EEE-D1) (2019-20 Batch Students)
7. Class Teacher for IV-Sem(EEE-D2)(2020-21 Batch Students)
8. NBA-Sub-Criteria-4.5 Incharge
9. Mentor for Batch-3 Students of VII/VIII-Sem EEE-2 Students.
10. Mentor for Batch-3 of IV/V-Sem EEE-2 Students(2022-23 & 2023-24)
11. Students Affairs Incharge.
12. Internal Academic Auditor

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level.

Electrical Measurements & Instruments, Linear Control Systems, Power Systems-1, Microprocessors & Microcontrollers, Electrical Circuits & Machines, Electrical Machines & Microcontrollers, Basic Electrical Engineering, Electrical Machine Design, Advanced Control Systems, Simulation Techniques in Electrical Engg., Microcontrollers and Applications and Digital Control Systems (PG)

No. of Papers Published

National Journals – NIL International Journals – 01

Projects Carried out

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Patents

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Technology Transfer

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Invited Speaker

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No. of Books/Chapter Published with details

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

1. Attended a one week online FDP on "Quality Education through OBE" organized by CBIT in association with IEEE Education Society Student branch Chapter,CBIT from 22-01-2024 to 27-01-2024.
2. Attended an AICTE recognized FDP (online) on "Energy Efficient and Decarbonisation Technologies "organized by NITTTT, Chandigarh from 05-06-2023 to 09-06-2023.
3. Participated in 2-Days hands-on Workshop on "Altair Flux – A Software Tool for Electromagnetic Modelling of Electrical Systems" organized by CBIT on 28-06-2023 and 30-06-2023.

4. Attended a 2-day Webinar on “New Generation Digital Substation” organized by TATA Power-Delhi Distribution Ltd. on 18-05-2023 and 19-05-2023.
5. Attended a Webinar on “Motor Selection and Modelling using MATLAB” organized by ISIE India on 08-03-2023.
6. Attended an AICTE recognized FDP (online) on “Big Data Applications in Electrical Engineering “ organized by NITTTR ,Chandigarh at CBIT from 20-02-2023 to 24-02-2023.
7. Participated in a Webinar titled “Hybrid Electric Vehicle Technology---- Basics” organized by Toyota Kirloskar Motors Pvt Ltd on 25-10-2022.
8. Participated in a Webinar titled “Introduction to EV Control Systems” organized by ISIE India on 04-09-2022.
9. Successfully completed a Self-Paced training course on “Simscape on Ramp” organized by Mathworks, Makers of MATLAB, on 12-08-2022.
10. Participated in a Webinar on “Basics of Research Methodology” organized jointly by Kanpur Institute of Technology, Kanpur and APTIKOM SULUT- Indonesia on 26-08-2022.
11. Participated in 2-Day Faculty –in House MATLAB training Programme on “ Machine Learning, Deep Learning and Image Processing “ organized by Depts. Of ECE and EEE, CBIT (A), HYD from 26-07-2022 to 27-07-2022.
12. Successfully completed online training Program on “Electrical Power System Analysis using ETAP (for Beginners) “organized by MSME-Technology Development Centre, Agra from 27-12-2021 to 29-12-2021.
13. Participated and Completed Successfully AICTE Training and Learning(ATAL) Academy Online Elementary Faculty Development Programme(FDP) on “ Artificial Intelligent Techniques applied to Power Systems” from 13-12-2021 to 17-12-2021 organized by Vasavi College of Engineering(A),HYD.
14. Attended a Webinar on “Integrating Scopus in Research Workflow” organized by Elsevier on 14-07-2021.
15. Successfully Completed STTP(Online) on “ Mathematical Modelling and Control System Design “ organized by Dept. of Electronics Engg., Ramrao Adik Institute of Technology, Navi Mumbai from 28-06-2021 to 03-07-2021.
16. Attended a two day (online) FDP on “Research Opportunities in Power Engineering” from 25-2-2021 to 26-2-2021 organized by M.Kumarsamy College of Engg. Karur, Tamil Nadu.
17. Attended a one-day webinar on “Overview of Vedic Mathematics” organized by KPR Institute of Engg. And Technology, Coimbatore on 26-9-2020
18. Participated in “Substation Virtual Visit” organized by Hyderabad Institute of Electrical Engineers (HIEE) on 2-8-2020.
19. Attended a one day webinar on” Application Challenges in Bus bar Implementation” organized by Meggar-India on 1-8-2020.
20. Attended a short course(online) on “ Learn to design your own Solar Home System” organized by Energy Swaraj Foundation on 29-7-2020
21. Successfully Completed an online AICTE free course “SIMULINK on RAMP” conducted by MATHWORKS on 13-7-2020.
22. Participated and Successfully completed an AICTE Sponsored one-week FDP(online) on “ AI Techniques to Electrical Engineering” organized by UGC-HRDC, JNTU, Hyderabad Held from 6-7-2020 to 10-7-2020.
23. Attended a one day webinar on “Magnetic Levitation and High Speed Trains” organized by MGIT, Hyd on 1-7-2020.
24. Attended a one day webinar on” Publishing Research Articles in Scopus Indexed Journals” organized by SMS Dept, CBIT on 24-6-2020.
25. Attended a one-week online Faculty Development Program on “Outcome Based Education and NBA Accreditation Process - (UG)”, by CBIT during 28-05-2020 to 1-06-2020.
26. Attended a webinar on “ State –of-Art Research in Power Systems and Drafting Research Articles” organized by Vaagdevi Engineering College, Warangal on 27-5-2020.
27. Successfully Completed “The Arduino Platform and C Programming” an online non-credit course authorized by University of California, Irvine and offered through Coursera on 22-05-2020.
28. Attended a 5-day online STTP on “MATLAB based Teaching-Learning in Mathematics, Science & Engineering” by

- RamraoAdik Institute of Technology, Nerul, Navi Mumbai in collaboration with Design Tech Systems Pvt. Ltd during 18-5-2020 to 22-5-2020.
29. Successfully Completed an online AICTE free course “MATLAB on RAMP” conducted by MATHWORKS on 16-5-2020.
 30. Attended a webinar on “Challenges in conducting Online exams and Practical Solutions to overcome it” organized by uniPariksha on 15-5-2020.
 31. Completed an online Faculty Program on “NBA” with a passing score of 80%, organized by Bharathi Vidyapeeth College of Engg., Mumbai on 14-5-2020.
 32. Attended First-Leadership Talk webinar with Prof. D.P.Singh on “Challenges in conducting online classes and online exams in Higher Education” organized by MHRD Innovation Cell, on 9-5-2020.
 33. Attended a webinar on “Electromagnetic and Thermal simulation of PMSM (IPM) Motor” by Altair Webinar (ANZ ASEAN India) online on 7-5-2020.
 34. Successfully Completed “Electric Power Systems” an online non-credit course authorized by The State University of New York and offered through Coursera on 24-04-2020.
 35. Attended a one Week AICTE- sponsored STTP on “Introduction to Research Methodologies & MATLAB Programming for Optimization Techniques” at CBIT, Hyderabad, during 25-11-2019 to 30-11-2019.
 36. Successfully completed a 12-week online course with ELITE grade on “Fundamentals of Electrical Engineering” by NPTEL during July-October 2018.
 37. Successfully completed a 12-week online course on “Control Systems” by NPTEL during Jan-April 2018.
 38. Attended a one Week AICTE- sponsored STTP on “Recent Trends in Condition Monitoring of Power Apparatus and Systems” at IIT-Madras during 19-2-2018 to 24-2-2018.
 39. Attended a 2-day introductory Faculty Development Workshop conducted by Teaching Learning Center at IIT-Hyderabad during 16-12-2017 to 17-12-2017.
 40. Attended a 1-day workshop “Maplesoft Product Overview-Level1” with Maplesoft and Binary Semantics during June 2017
 41. Organized a TEQIP-III sponsored 3-day R&D Conclave on “Challenges & Opportunities in Research and Development for Power and Energy” at CBIT during 1-2-2017 to 3-2-2017.

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

1. Illinda Pranav, Kola Leleedhar Rao, “An Overview of Geothermal Energy in India”, International Journal of Emerging Technologies and Innovative Research (IJETIR), Volume: 6, Issue: 5, pp.309-312, May-2019.

International /National Conferences

1. Illinda Pranav, Kola Leleedhar Rao, “Geothermal Power Generation: Global Updates”, International E-Conference on Energy, Control, Computing and Electronic Systems (E-ICECCES)”, ISBN NO: 978-81-949879-4-9, 27th-29th Nov-2020, held at Sree Vidyanikethan Engg. College(A), Tirupathi.