

1	Name of Faculty	I.PRANAV	
2	Designation	Asst. Professor	
3	Nature of Job/Appointment	Regular	
4	Date of Joining	21-08-2006	
5	E-mail	ipranav_eee@cbit.ac.in	
6	Education Qualifications	<b>Name of the Degree</b> Ph. D Pursuing PG M. Tech. (ICE.) UG B. E. (EEE)	<b>Class</b> ----- First Second
7	Work Experience	Teaching 19 Years and 04 months till date Research -- Industry 06 Months Others --	
8	Area of Specialization	Instrumentation and Control Engineering. (ICE)	
9	Professional Memberships	Member, ISTE. Membership No. LM 95059	
10	Responsibilities held at Institution Level	1. Worked as Co-Convener for Disiplinary Committee at Shruthi- 2020. 2. ITK Subject Classes Incharge.	
11	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 for various Audits 13. Co-ordinator for Students offline Feedback System. 14. Mentor for III-Sem (EEE-D2)(2025-26 Batch Students).	
12	Research Guidance	--	
13	Awards Received	--	
14	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)	
15	No. of Papers Published	National Journals – NIL International Journals – 01 National Conference – NIL International Conference – 01	
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).	<ol style="list-style-type: none"> <li>1. Participated in an online AICTE recognized NITTTR(Chandigarh)- FDP on "Power Quality and FACTS" from 17-11-2025 to 21-11-2025(one week) conducted by Electrical Engg. Dept.</li> <li>2. Participated in an online AICTE recognized NITTTR(Chandigarh)- FDP on "IOT and Embedded Systems" from 15-9-2025 to 19-9-2025(one week) conducted by ECE Dept. with CBIT as Recognized Remote Center.</li> <li>3. Participated in an online one-week FDP "Applications of Artificial Intelligence and Machine Learning in Electrical Engineering" held from 30-07-2025 to 04-07-2025 organized by Heritage Institute of Technology, Kolkata in association with AIMEE Association.</li> <li>4. Participated in an online AICTE recognized NITTTR(Chandigarh) on "Applications of IOT- Project Based" from 10-2-2025 to 14-2-2025(one week) conducted by Information Management and Emerging Engg. Dept. with CBIT as Recognized Remote Center.</li> <li>5. Successfully Completed Self-Paced Online Course on "MATLAB Fundamentals" on 05-03-2025 organized by MathWorks Pvt. Ltd.</li> <li>6. Participated in a MHRD-Sponsored INDO-US International Workshop on "IoT and ML based Microgrid and Energy Management "organized by Dept. of EEE during 19-02-2024 to 23-02-2024.</li> <li>7. Participated in "National level one-week FDP (hybrid mode) on "National Education Policy 2020 – Challenges in Implementation in Higher Education "organized by EEE, IT and Physics Depts., CBIT, in association with IEEE Education Society Student Branch Chapter CBIT and IEEE Young Professionals from 18-03-2024 to 23-03-2024.</li> <li>8. Attended a Seminar on "MATLAB Master Class- Teaching Mathematics with MATLAB and Curriculum Support "on 28-09-2024 in online Platform via WebEx.</li> <li>9. Completed an Online Workshop on "Project -Based Learning with Low-Cost Hardware using MATLAB Online" on 13-11-2024 and 14-11-2024 at MATLAB Expo-2024 Event organized by MathWorks Pvt. Ltd.</li> <li>10. Attended "MATLAB Expo-2024" on 13-11-2024 and 14-11-2024 in online mode organized by MathWorks Pvt. Ltd.</li> <li>11. Participated in a 5-Day FDP on "High Impact Publications and Funding Opportunities" organized by Centre for Data Analytics and Research (CEDAAR), Chennai from 25-11-2024 to 29-11-2024.</li> <li>12. Participated and Completed ATAL-FDP on "Soft Computing Techniques applied to Power Systems" in online mode at Vasavi College of Engg. held from 16-12-2024 to 21-12-2024.</li> <li>13. Attended a one week online FDP on "Quality Education through OBE" organized by CBIT in association with IEEE</li> </ol>

Education Society Student branch Chapter,CBIT from 22-01-2024 to 27-01-2024.

14. Attended an AICTE recognized FDP (online) on “Energy Efficient and Decarbonisation Technologies “organized by NITTTR, Chandigarh from 05-06-2023 to 09-06-2023.
15. 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.
16. 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.
17. Attended a Webinar on “Motor Selection and Modelling using MATLAB “organized by ISIE India on 08-03-2023.
18. 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.
19. Participated in a Webinar titled “Hybrid Electric Vehicle Technology---- Basics” organized by Toyota Kirloskar Motors Pvt Ltd on 25-10-2022.
20. Participated in a Webinar titled “Introduction to EV Control Systems” organized by ISIE India on 04-09-2022.
21. Successfully completed a Self-Paced training course on “Simscape on Ramp” organized by Mathworks, Makers of MATLAB, on 12-08-2022.
22. 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.
23. 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.
24. 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.
25. 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.
26. Attended a Webinar on “Integrating Scopus in Research Workflow” organized by Elsevier on 14-07-2021.
27. 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.
28. 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.
29. Attended a one-day webinar on "Overview of Vedic Mathematics" organized by KPR Institute of Engg. And Technology, Coimbatore on 26-9-2020
  30. Participated in "Substation Virtual Visit" organized by Hyderabad Institute of Electrical Engineers (HIEE) on 2-8-2020.
  31. Attended a one-day webinar on "Application Challenges in Bus bar Implementation" organized by Meggar-India on 1-8-2020
  32. Attended a short course(online) on "Learn to design your own Solar Home System" organized by Energy Swaraj Foundation on 29-7-2020
  33. Successfully Completed an online AICTE free course "SIMULINK on RAMP" conducted by MATHWORKS on 13-7-2020.
  34. Participated and Successfully completed an AICTE Sponsored one-week FDP(online) on "AI Techniques to Electrical Engineering" organized by UGC-HRDC, JNTU, HyderabadHeld from 6-7-2020 to 10-7-2020.
  35. Attended a one day webinar on "Magnetic Levitation and High-Speed Trains" organized by MGIT,Hyd on 1-7-2020.
  36. Attended a one-day webinar on "Publishing Research Articles in Scopus Indexed Journals" organized by SMS Dept,CBIT on 24-6-2020.
  37. 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.
  38. 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.
  39. 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.
  40. 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.
  41. Successfully Completed an online AICTE free course "MATLAB on RAMP" conducted by MATHWORKS on 16-5-2020.
  42. Attended a webinar on "Challenges in conducting Online exams and Practical Solutions to overcome it" organized by uniPariksha on 15-5-2020.
  43. 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.



44. 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.
45. Attended a webinar on "Electromagnetic and Thermal simulation of PMSM (IPM) Motor" by Altair Webinar (ANZ ASEAN India) online on 7-5-2020.
46. 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.
47. 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.
48. Successfully completed a 12-week online course with ELITE grade on "Fundamentals of Electrical Engineering" by NPTEL during July-October 2018.
49. Successfully completed a 12-week online course on "Control Systems" by NPTEL during Jan-April 2018.
50. 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.
51. Attended a 2-day introductory Faculty Development Workshop conducted by Teaching Learning Center at IIT-Hyderabad during 16-12-2017 to 17-12-2017.
52. Attended a 1-day workshop "Maplesoft Product Overview-Level1" with Maplesoft and Binary Semantics during June 2017
53. 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.

22 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, 27<sup>th</sup>-29<sup>th</sup> Nov-2020, held at Sree Vidyanikethan Engg. College(A), Tirupathi.