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Krashana D. Nirde, M.Tech (COEP Technological University)

1. **Full Name:** Krashana Dnyanoba Nirde
2. **Date of Birth**: July 18, 1990
3. **Designation:** Research Scholar
4. **Academic Record:**

Institute/ University	Degree	Academic Year	Field of Specialization
COEP Technological University, INDIA.	M.Tech	July 2017	Mechatronics
SGGSIE&T, INDIA.	B. Tech	May 2014	Electronics and Telecommunication Engineering
Dr. Babasaheb Ambedkar Marathwada University Aurangabad, INDIA.	HSC	June 2008	Science
Dr. Babasaheb Ambedkar Marathwada University Aurangabad, INDIA.	SSC	June 2006	General

5. **Professional Appointments/Employment:**

University/College	Designation	Period		Teaching/Research/ Industry Experience
		From	To	
Government college of Engineering, Karad, INDIA.	Assistant Professor	02/07/2017	31/05/2019	Teaching
SGGSIE&T, Nanded, INDIA.	Research Scholar	22/07/2019	Till Date	Research
			Total Experience:	6Years and 09 Months

6. **Teaching Areas/ Courses Prepared to Teach:**

- **At the undergraduate level:**
  i.   Basics Electronics
  ii. Linear Integrated Circuits
  iii. Digital Electronics
  iv. Network theory

7. Research Publications:

Papers Published in Journals:

[1]	Gunda Manasa, **K D Nirde**, Suhas S Gajre, Ramachandra R Manthalkar,"signal-based classification of mental tasks using a one-dimensional ConvResT model". Neural Comput & Applic (2024). https://doi.org/10.1007/s00521-024-09550-z

Papers Published in Book Chapters:

[1]	**Nirde, K. D,** Gunda, M., Manthalkar, R.R., Gajre, S.S. (2023). Attention and Classification of Arithmetic Operation Tasks by Using Machine Learning Algorithm. In: Ray, K.P., Dixit, A., Adhikari, D., Mathew, R. (eds) Proceedings of the 2nd International Conference on Signal and Data Processing. CSDP 2022. Lecture Notes in Electrical Engineering, vol 1026. Springer, Singapore. https://doi.org/10.1007/978-981-99-1410-4_10
[2]	Manasa, G., **Nirde, K.D.,** Gajre, S.S., Manthalkar, R. (2023). Assessing the Effect on Cognitive Workload Index, EEG Band Ratios, and Band Frequencies Using Band Power and Implementing Machine Learning Classification. In: Triwiyanto, T., Rizal, A., Caesarendra, W. (eds) Proceeding of the 3rd International Conference on Electronics, Biomedical Engineering, and Health Informatics. Lecture Notes in Electrical Engineering, vol 1008. Springer, Singapore. https://doi.org/10.1007/978-981-99-0248-4_5

Papers Published in Conferences:

[1]	**K.D. Nirde,** PS Muley, UM Chaskar (2017). IoT based solid waste management system for smart city. Published in: 2017 International Conference on Intelligent Computing and Control Systems (ICICCS).Madurai, India, DOI: 10.1109/ICCONS.2017.8250546
[2]	**K.D. Nirde**, Gunda, M., Manthalkar, R.R., Gajre, S.S. (2023). EEG mental arithmetic task levels classification using machine learning and deep learning algorithms. Published in: 2023 3rd International conference on Artificial Intelligence and Signal Processing (AISP).Vijayawada, India. DOI: 10.1109/AISP57993.2023.10135014

8. Short-Term Courses/ Workshop Participation:

Sr. No.	Name of the Program	Organized By	Sponsored by	Duration	Dates
1	Two Days National Level Workshop on "Implementation of National Education Policy 2020: Industry-Institute Linkage" in association with SPPU under QIP	Department of Computer Engineering, RMD Sinhgad School of Engineering, Warje, Pune.	TEQIP	Two Days	14-15 Feb 2023

2	National Workshop on Virtual Lab	ABV- Indian Institute of Information Technology and Management Gwalior Madhav Institute of Technology and Science Gwalior and Shiksha Sanskriti Utthan Nyas, Madhya Bharat Prant.	IIITM Gwalior	One Days	21 August 2021
3	Signal image & Video Processing: A Practical approach	Government College of Engineering, Karad.	TEQIP-III	One Week	26-30 May 2020
4	One Week Workshop on "Deep Learning: Concept and Application"	SGGSIE&T, Nanded.	TEQIP-III	One Week	16-21 Dec 2019

9. Participation in Coursera Courses:

Sr No	Title of the Course	Course Offered by	Duration	Completion Date	% Marks Obtained
1.	Introduction to Programming with MATLAB	The University of Vanderbilt	Four Weeks	6 Nov 2020	86%
2.	Machine Learning with Python	IBM Developer Skills Network.	Two Weeks	4 Nov 2020	80%
3.	Python 101 for Data Science	IBM Developer Skills Network.	Two Weeks	4 Nov 2020	82%

10.References:

1. Dr. R. R. Manthalkar

Professor, (Ph.D. Supervisor)

Department of Electronics and Telecommunication Engineering, SGGSIE&T, Nanded -431606(Maharashtra) INDIA.

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2. Dr.D.D. Doye

Professor,

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3. Dr. M. V. Bhalerao

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