

Personal Profile



Mr. Maibam Sanju Meetei
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Educational Profile

Ph.D.	NERIST, NIRJULI, ARUNACHAL PRADESH; PURSUING Supervisor: Dr. Aheibam Dinamani and Dr. Swanirbhar Majumder
M.Tech	Tezpur University, Napaam, Assam; 2011-2013 Subject: Electronics Design and Technology Specialization: Artificial Intelligence and Embedded System
B.Tech	NIT Raipur, Raipur, Chhattisgarh; 2005-2009 Subject: Electronics and Telecommunications Engineering

Professional Experience

Assistant Professor , Department of Electronics and Communication, Rajiv Gandhi University, Arunachal Pradesh, India	10 th August, 2015- till date
Assistant Professor , Department of Electrical and Electronics Engineering, NIT Mizoram, Mizoram, India	Feb, 2014- Aug, 2015

Administrative Experience

Head of Department, Department of Electronics and Communication, Rajiv Gandhi University, Arunachal Pradesh, India	1 st Sept, 2020- till date
Assistant Examination Incharge, NIT Mizoram, Mizoram, India.	July, 2014- Aug, 2015

Awards & Honours

1. Qualified UGC-NET for Assistant Professor, in Dec, 2014
2. Qualified GATE in 2011 and 2013.

Membership of Professional Bodies

1. Member of Technical and Scientific Publisher for International Journal Of Advanced Engineering And Management, India (2017-till date)

Research Interests

- MEMS
- Artificial Intelligence
- Embedded System

Research Publications

1. A novel design approach for beam bridge structure pressure sensor base on PZT-5A piezoelectric: Meetei, S. M.; Singh, A.D.; Majumder, S.; *Journal of Engineering Science and Technology Review*, **2021**, 14(1), 193-199.
2. A novel design and optimization for beam bridge piezoelectric pressure sensor: Meetei, S. M.; Singh, H. S.; S, A Dinamani.; Majumder, S.; *International Journal of Advanced Research in Engineering and Technology*, **2020**, 11(12), 2687-2701.
3. A mathematical modelling and 3D simulation of ZNO piezoelectric base cantilever for pressure sensing: Meetei, S. M.; Singh, A. D.; Majumder, S.; Moyom, O.; *International Journal Of Scientific & Technology Research*, **2020**, 9(09), 37-41.
4. A mathematical modelling and 3D analysis of PZT-5H piezoelectric base bridge pressure sensor: M, S Maibam.; Singh, A. D.; Majumder, S.; *International Journal of Mechanical Engineering and Technology*, **2019**, 10(11), 407-415.
5. A systematic approach for designing a neural network using existing algorithms to detect H₂, CH₄, and CO gases: Meetei, S. M.; Chamuah, A.; Yuto. Y.; Singh, A. D.; *International Journal of Engineering & Technology*, **2018**, 7(4.22), 182-185.
6. Quantitative recognition of flammable and toxic gases with artificial neural network using metal oxide gas sensors in embedded platform: Mandal. B.; Meetei, S. M.; Das, J.; Saha, H.; *Engineering Science and Technology an International Journal*, **2015**, 1-6.
7. Forecast and analysis of short term electric load of new south wales region using ANN: Kumar, S.; Meetei, S. M.; *International Journal of Engineering Research & Technology*, **2014**, 3(6), 1669-1671.

Course/Conference/Workshop organized

1. Faculty Development Program on Digital Signal Processing by Department ECE and CSE , Rajiv Gandhi University, Arunachal Pradesh, India in collaboration with E&ICT, IIT Guwahati.

Duration: 30 April-05 May, 2018.

Role: Coordinator.

2. Webinar on Recent Trends in Artificial Intelligence by Department ECE and CSE , Rajiv Gandhi University, Arunachal Pradesh, India

Duration: 18 June-19 June, 2020

Role: Coordinator.

Course/Conference/Workshop etc. attended

1. Delivered an oral presentation talk in 'An Engineering Approach for Modeling and Design of a Diaphragm Based Comb Drive Capacitive Pressure Sensor', an 5th International Conference on Information & Management Skills 2019' held at Department of ECE, NERIST, Nirjuli, India during 15 Dec-16 Dec, 2019.

Title of the presentation: An Engineering Approach for Modeling and Design of a Diaphragm Based Comb Drive Capacitive Pressure Sensor

2. Delivered an oral presentation talk in 'A Novel Design and Modeling of Beam Bridge structure Piezoelectric Pressure Sensor base on ZnO', an 5th International Conference on Information & Management Skills 2019' held at Department of ECE, NERIST, Nirjuli, India during 15 Dec-16 Dec, 2019.

Title of the presentation: A Novel Design and Modeling of Beam Bridge structure Piezoelectric Pressure Sensor base on ZnO.

3. Delivered an oral presentation talk in 'Qualification of H₂, CH₄, CO using Neural Network and Micro Gas Sensor', an 1st International Conference on Emerging Trends in Engineering and Applied Sciences 2013' held at Rajasthan College of Engineering for Women, Jaipur, India during 27 Dec-28 Dec, 2019.

Title of the presentation: Qualification of H₂, CH₄, CO using Neural Network and Micro Gas Sensor.