

# CURRICULAM VITAE



**Dr. Dinesh Kumar Kotary**  
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## **Career Objective:**

To excel in the professional world using my talent and nurturing the organization with fullest dedication.

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## **Education Qualifications:**

Course	Specialization/Subject	Institute/board	Year	Grade/ Percentage
Ph.D	Electronics & Communication	MNIT Jaipur	2021	-
M.Tech	Communication System & Networks	NIT Hamirpur	2012	7.8
B.Tech	Electronics & Communication	UPTU	2010	65.3
12 <sup>th</sup>	Mathematics	UP Board	2006	69.0
10 <sup>th</sup>	Science	UP Board	2004	76.8

**Present Position:** Working as an Assistant Professor in Electronics and Communication Department at IET Lucknow from 18-Sep-2021 to till date.

## **Experience:**

Three and half year Working Experience as An Assistant Professor in Electronics and Communication Department in IEC University, Baddi, H.P. ( From 2-July 2012 to 4-January-2016).

### **Computer Skills and Technical skills :**

- Operating Systems: -WINDOWS
- Languages: -C.
- Software: - MATLAB, COMMSIM, OPTSIM.

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### **Area of interest:**

- Artificial Intelligence
- Optimization
- Digital Signal Processing
- Adaptive signal processing
- Signals and Systems
- Wireless Communication
- Digital Communication

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### **Ph.D Thesis Title:**

- Distributed Data Clustering using Density Based Approaches and Nature Inspired Algorithms for Wireless Sensor Networks.

### **Dissertation topic in M.tech:**

- Energy efficient cluster head selection for minimization of energy consumption in Wireless Sensor Networks.

**Foreign Visits:** Bari, Italy to present IEEE Conference paper from 6-9 October 2019

### **Publications:**

#### **Journals:**

- Dinesh Kumar Kotary, and Satyasai Jagannath Nanda. "Distributed robust data clustering in wireless sensor networks using diffusion moth flame optimization." Engineering Applications of Artificial Intelligence 87 (2020): 103342.(SCI)[Impact factor-6.2]
- Dinesh Kumar Kotary, and Satyasai Jagannath Nanda. "Distributed clustering in peer to peer networks using multi-objective whale optimization." Applied Soft Computing 96 (2020): 106625. (SCI)[Impact factor-6.7]
- Dinesh Kumar Kotary, Satyasai Jagannath Nanda and Rachana Gupta "A Many-objective Whale Optimization Algorithm to Perform Robust Distributed Clustering in Wireless Sensor Network" Applied Soft Computing110 (2021) :107650(SCI)[Impact factor-6.7]
- Dinesh Kumar Kotary, and Satyasai Jagannath Nanda ``A Distributed Neighbourhood DBSCAN Algorithm for Effective Data Clustering in Wireless Sensor Networks'' Wireless Personal Communication Springer 2021. (SCI) [Impact factor-1.6]

- Bhardwaj, Munish, S. Soni, and Dinesh. Kumar Kotary. "Comparative analysis of energy efficient routing protocol for wireless sensor network." IJCA Special Issue on Wireless Communication and Mobile Networks 14, (2012), 65-69

#### **Conferences:**

- Dinesh Kumar Kotary and Satyasai Jagannath Nanda, "A Point Symmetry Distance Based K-Means Algorithm for Distributed Clustering in Peer to Peer Networks", IEEE International Conference on System Man and Cybernetics (SMC-2019), Bari, Italy, 6-9 October, pp. 3573-3579, 2019.
- Dinesh Kumar Kotary and Satyasai Jagannath Nanda, "Automatic Determination of K in Distributed K-Means Clustering, ICRTAC 2019, VIT Chennai, pp. 556-564, 2019. (Proceeding published in Procedia Computer Science)
- Dimple Km, Dinesh Kumar Kotary, and Satyasai Jagannath Nanda. "An Incremental RLS for Distributed Parameter Estimation of IIR Systems Present in Computing Nodes of a Wireless Sensor Network." ICACC-2017, Kochi, India, August 22-24, pp 699-706, 2017.(Proceeding published in Procedia Computer Science)

#### **Book Chapter**

- Dimple Km, Dinesh Kumar Kotary, and Satyasai Jagannath Nanda. "Diffusion Least Mean Square Algorithm for Identification of IIR System Present in Each Node of a Wireless Sensor Networks." Computational Intelligence in Data Mining. Springer, Singapore, 2019. 709-720.

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#### **Short term course attended**

- Attended one week Global NKN Summer Faculty Development Program on "Advancements in Signal Processing and Optimization Techniques" from 03-06-2019 to 07-06-2019.
- Attended one week Faculty Development Program on "Signal Processing and Data Mining Techniques for Research using MATLAB" from 27-03-2019 to 31-03-2019.
- Attended one week Global NKN Summer Faculty Development Program on "AI and Machine Learning" from 04-06-2018 to 08-06-2018.
- Attended two week Global NKN Summer Faculty Development Program on "Fundamentals of Analog and Digital Communication Systems" from 13-05-2017 to 22-05-2017.

#### **Strengths:**

- Quick learner, highly motivated.

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#### **Hobbies:**

- Music, Cricket.

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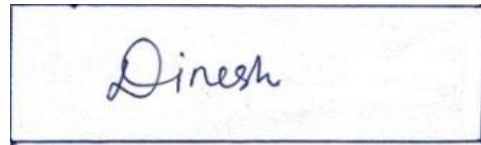
#### **Personal Details:**

Name : Dinesh Kumar Kotary  
Father's Name : Mr. Gulab Chandra  
Sex : Male  
Marital Status : Single  
Nationality : Indian  
Permanent Address : House No-3, Barethiya, Post-Kanti  
Distt.: Prayagraj (U.P), Pin- 212107  
Phone No : 8278666027, 09882712104  
Date of Birth : 20-03-1989

**Declaration:-**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Signature:

A rectangular box containing a handwritten signature in blue ink that reads "Dinesh".

Name: Dinesh Kumar Kotary

## References

1. Dr. Satyasai Jagantah Nanda

Assistant Professor

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2. Dr. Ravi Kumar Maddila

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2. Dr. Amit Mahesh Joshi

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