

## ***FACULTY PROFILE***

### **Vishnu Prakash Sharma**

Assistant Professor

Department of Computer Engineering

Government Engineering College Ajmer, Ajmer

Rajasthan

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### **Permanent Address**

46, Dr. Ambedkar Colony Ashok Pura Ajmer Road  
Sodala Jaipur Rajasthan  
India

### **Field of Research Interest:**

Image processing and Analysis

Biometric Authentication and verification

Nature inspired optimization algorithm

**Educational Details:** B.E. , M.TECH.

**Area of Specialization:** Computer Engineering

### **Professional Experience:**

**Assistant Professor**, Department of Computer Engineering Government engineering College  
Ajmer( 19th September 2006 - Continue)

### **Publications**

**Papers in Conference/Seminar/Proceedings.**

Sl. No.	Title of the Paper	Title of conference/seminar	Year of publication	Publisher
1	An Improved Fitness Based Differential Evolution Algorithm (IFBDEA)	ICTCS 2016	2016	ACM
2	A Modified Fitness Based Differential Evolution using Population based Levy Flight Strategy (MFBDE_PLS)	CICT 2016	2016	IEEE
3	A Modified DE: Population or Generation based Levy Flight Differential Evolution (PGLFDE)	Futuristic Trends in Computational Analysis and Knowledge Management(Inbush Era)	2015	IEEE
4	Opposition based levy flight search in differential evolution algorithm.	InSignal Propagation and Computer Technology (ICSPCT),	2014	IEEE

**Conference/Seminar organized:**

“Emerging Trends And Application in Computer Engineering” Engineering college Ajmer

“The Role of Telemedicine and Information Technology in the Redevelopment of Medical System” Engineering college Ajmer

**Conference/Seminar participated:**

“Multi Core Technologies And Platforms” MNIT Jaipur 2007

“Futuristic Trends in Computational Analysis and Knowledge Management(Inbush Era)

” AMITY University, Noida 2015

**Member of Professional / Technical Committees**

1. **Technical member**, RMS, vocational education committee

2. Member, BSER, syllabus design committee

3. Member and convener, various committees in college

**Thesis guided**

**MTech Thesis**

Genetic algorithm with application in real world problems(ongoing)

A Modified Fitness Based Differential Evolution using Population based Levy Flight Strategy (MFBDE\_PLS).

**Course attended**

- Open Source Technology and Tools, ECA(2013).
- Optimization Techniques Using Nature Inspired Algorithms For Engineering Applications, RTU Kota,(2015).
- Advance Optimization Techniques, MNIT, Jaipur(2015).
- Computational Biology and Neuroscience, IIT BHU, Varanasi(2016).
- Biometric-based Authentication and De-identification for Privacy Protection, MNIT Jaipur(2016).
- Multimodal and Advanced Biometric Authentication, MNIT Jaipur(2016)

**Any other Information:****Personal :**

Date of Birth: 15th April 1981(Jaipur, Rajasthan)