

Nikhil Kumar Rajput

- CONTACT INFORMATION** P-10, Private Colony
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contact@nikhilrajput.com
- RESEARCH INTERESTS** Image Processing, Information Diffusion models, Complex Networks, Stochastic Models, Computational Neuroscience, Stochastic Simulation Algorithms, Quantitative Linguistics.
- EDUCATION** **Jawaharlal Nehru University, New Delhi**
Ph.D., Computer and Systems Sciences, May 2015
 - Thesis Title: *Evolutionary Dynamics and Critical Phenomena in Stochastic Epidemic and Information Diffusion Models*
 - Supervisor: Professor Karmeshu
 - Area of Study: Epidemic Modeling, Information Diffusion modelsM.Tech. Computer Science and Technology, July 2009
 - Dissertation Title: *Color Image Thresholding Using Entropic Approach*
 - Supervisor: Professor Karmeshu
 - Area of Study: Image Thresholding, Information Theory
 - CGPA: 7.98 out of 9**Hemwati Nandan Bahuguna Garhwal University, Srinagar, Uttarakhand**
M.Sc. Physics, August 2005
 - Specialization: Communication and Micro electronics
 - Dissertation Title: *Parallel Port Interfacing Using Optocoupler*
 - Percentage: 65B.Sc. Maths, August 2003
 - Allied Subjects: Physics and Computer Application
 - Percentage: 69

ACADEMIC APPOINTMENTS **Assistant Professor** July 2013 to present
Department of Computer Science, Ramanujan College, University of Delhi
Software Faculty July 2005 - April 2006
CMC India Ltd. (A Govt. of India and Tata venture)

INTERNATIONAL EXPOSURE AND COLLABORATIONS
 - **Canberra Institute of Technology, Canberra, Australia for Australia-India Vocational Education Leadership Training (VELT) program Phase II**
One of the 19 delegates selected by Technical and Further Education (TAFE) Directors, Australia from 120 nominated participants of Australia-India VELT

Phase I program(a joint program organized by Australia India Education Council, UGC, AICTE and Ministry of Skill Development and Entrepreneurship, Govt.of India) to visit Australia from 26th February to 4 March, 2017. The selection was made on the basis of proposals submitted by the participants on skill education framework.

- **West College, Scotland, UK under UK India Education and Research Initiative (UKIERI) program**
Selected by University of Delhi to visit West College Scotland for training program on Computer Game Design in July 2015
- **VoerEir, Sweden**
Working on joint project with VoerEir, Sweden on **Network Function Virtualization**

SPONSORED
PROJECTS AND
CONSULTANCY

Sponsored Project

- Project Title: **Robotics in Healthcare**
Role: Principal Investigator
Sponsoring Agency: University of Delhi
Sanctioned Fund: 15,00,000
Duration: Three years
- Project Title: **Sociovation**
Role: Principal Investigator
Sponsoring Agency: University of Delhi
Sanctioned Fund: 10,00,000
Duration: Three years
- Project Title: **Interactive and Immersive Framework for Cultural Heritage** (Selected for the second stage of evaluation)
Role: Principal Investigator
Sponsoring Agency: Department of Science and Technology, Ministry of Science and Technology
Sanctioned Fund: 45,00,000
Duration: Two years

Consultancy Project

- Project Title: **'Automation of Ballot Paper Counting of State Bank of India Officers' Association Election 2016'**
Role: Principal Director
Sponsoring Agency: State Bank of India
Sanctioned Fund: 3,00,000
Duration: One month

