

Gaurav Kumar Yadav

M. Tech – PhD(Integrated) (Robotics)

Indian Institute of Information Technology, Allahabad(India)

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Education

2019	Pursuing PhD with Prof G. C. Nandi Indian Institute of Information Technology, Allahabad	
2018	M. Tech(Integrated) Indian Institute of Information Technology Allahabad	7.862
2016	Bachelor of Technology Dr. R.M.L. Avadh University Faizabad (state government)	72.40%
2011	Senior Secondary Examination (UP Board) - Class XII J. J. Inter college Bhurkura, Mirzapur Uttar Pradesh	71.20%
2009	Higher Secondary Examination (UP Board) - Class X J. J. Inter college Bhurkura Mirzapur Uttar Pradesh	61.83%

Projects

- **Biped locomotion control using reinforcement learning** (pursuing): In this project we plan to study the issues regarding control, stability and path planning/learning for biped in unknown environment using Reinforcement learning.
- **Biped Walking Robot**(February'19-April'19): In this project I learnt how to build biped using Arduino Uno and servo motor driver shield.
- **Obstacle avoidance bot** (September'18): Using Arduino Uno and ultrasonic sensor I made an obstacle avoidance robot.
- **Handwritten Digit Recognition Using SVM**: The project aimed at implementation of Support vector machine, which can robustly recognize hand written digits (MNIST data set).
- **Face Recognition Using LDA & PCA**: Implemented face recognition using LDA and PCA in python and compared the performance of both the methods.

Experience and Training

- Teaching Assistant under Dr. Pavan Chakrobarty for 'Image and Video Processing' course.
- Teaching Assistant under Prof. G. C. Nandi in 'Soft Computing' and 'Python Programming' courses.

Technical Skill Set and Interests

Programming Languages: C, C++.

Scripting Language: - Python.

Platforms: Windows, Linux, ROS, Arduino.

Tools: Matlab, CAD.

Areas of interest: Machine Learning, Soft computing, Humanoid Robotics.

Strengths

Self-Motivated.

Positive Attitude.

Honesty and Punctuality.

Strong Work Ethics

Personal Details

Date of birth: 28 July 1994

Father's Name: Mr. Ram Bachan Yadav

Sex: Male

Nationality: Indian

Referee Details:

- 1) Prof. G. C. Nandi
Senior most Professor,
IIIT Allahabad, India.
Email: gcnandi@iiita.ac.in
Phone: +915322922058

DECLARATION:

I hereby declare that the details provided by me in this resume are correct and I have knowingly not omitted/ misrepresented any information. I am aware that the institute can use this data for verification purposes and any material inconsistency identified between the details shared above versus actual information would have a bearing on my candidature, based upon institute policies.

Date: 23 April 2019

Place: Allahabad

Signature: Gaurav Kumar Yadav

