Ashish Hemant Jog

Curriculum Vitae

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▬▬ Info

Born	September 21st, 1997
Residential Address	B-306, Prafull CHS, Tilak Nagar, Dombivli(East), 421-201

▬▬ Career Objective

Learn every skill related to Embedded System and Artificial Intelligence and desire to do research project under these domains.

▬▬ Academic Backgroud

Degree/Cert.	Institute/School	Year of Completion	Status	% or CGPA	Board/University
Secondary School Certificate	Tilak Nagar Vidya Mandir, Dombivli	March 2013	Passed	83.64	Maharashtra State Board
Higher Secondary School Certificate	SV Joshi Jr. College, Dombivli	March 2015	Passed	75.69	Maharashtra State Board
Bachelor of Engineering(B.E) in **Electronics Engineering**	Ramrao Adik Institute of Technology(R.A.I.T)	June 2019 (June 2015 - June 2019)	**Pursuing(In Third Year)**	7.7(Till 5th Semester)	Mumbai University

▬▬ Semester-wise Grade Point Average

Semester	1	2	3	4	5
SGPA	6.56	7.56	7.85	7.79	8.71

Academic Projects

Mini-Projects

May 2017-
December
2017

Self Balancing Bot using Arduino UNO
- Principle is based on Inverted Pendulum
- Inertial sensors provides attitude
- PID provides error between desired output and setpoint
- Thus, Motor moves as directed by Brain of Project 'UNO'

January
2018- April
2018

Bio-Metric Based Attendance System using UNO and R305
- Optical Fingerprint sensor(R305) extracts features from finger.
- Each Enrolled finger allotted unique ID
- IDs are then stored in EXCEL for record

Internship Projects

Winter Internship Project at R.A.I.T

December
2017 - Till
Date
Guide:Prof.
Gajanan
Birajdar

Indian Language Identification using Artificial Neural Network
- Proposed system simulated on **MATLAB** environment
- Features are extracted from **Cochleagram** visual representation
- LVQ used as texture descriptor and Pattern Recognition Feed-forward Classifier
- Finally System Classifies between Four Indian Languages

Skills

Engineering Skills

Languages and Tools	C/C++,JAVA,VHDL,LaTeX
CAD Tools	Xilinx , AutoCAD, PSPICE
Tools	MATLAB/Scilab
Open Source Controller and IDE	Arduino, RASPBERRY Pi,Tiva C TM4c123g, Node-MCU, Arduino IDE, Energia

Interests and Hobbies

Technical Interests

Artificial Intelligence, Machine Learning, Embedded Systems, Programming Languages

Hobbies and other Interests

Playing Tabla, Surfing Internet, Playing Chess, Teaching Younger Cousins, Astronomy and Star-Gazing

Extra-Curricular and Achievements

Certification
- IOT workshop at IIT-Bombay
- Open Source Embedded Platform Arduino at RAIT
- Open Source Embedded Platform Raspberry Pi at RAIT
- EAGLE and PCB Designing at RAIT-IEEE
- Certificate course in Astronomy and Astrophysics from Mumbai University Extra Mural Studies
- (3rd Exam) Praveshika Dwitiya Tabla Examination

Position of Responsibility
- Event Head in annual college festival for the Event of Box Cricket.

Achievement
- Won 1st Prize in State Level Technical Paper Presentation at Fr.Agnel, Vashi
- Won 2nd Prize for Technical Paper Presentation at RGIT,Varsova

References

* **Mrs.Sakshi Somani**, Mini-Project Mentor , Electronics Engineering Dept. RAIT, NERUL **Email :** sssomanisakshi@gmail.com

* **Prof.Gajanan Birajdar**, Winter-Internship Mentor, Electronics Engineering Dept. RAIT, NERUL **Email :** gajanan123@gmail.com