

Muduy Shilpa

Phn no. 9733945072

H-107, SN/IG Hall of Residence ,IIT Kharagpur -721302

Email: muduyshilpa.iitkgp@gmail.com

EDUCATION

Year	Degree	Institute/School	CGPA/%
2010	B Tech(Hons),Electrical Engineering	IIT Kharagpur	6.43/10
2007	Class XII,State Board of Intermediate Examination	Narayana Junior College, Hyderabad	94.8
2005	Class X,Central Board of Secondary Education(CBSE)	SVIS,Tirupathi	90

INTERNSHIP:

Project Trainee, Institute of Development and Research in Banking Technology (Estbd. By RBI) May-July 2010

Objective	To develop a model of Intrusion Detection System (IDS) using Data Mining Tools .
Achievements	<ul style="list-style-type: none">Developed a 5 Class IDS using SVM, achieved a accuracy of 92.26% in anomaly detectionThe model was approved by the institute to be used as a IDS,as the accuracy achieved was 2.06% more than the conventional IDSReceived training on Rapid miner, one of the leading open source Data mining software suite

ACADEMIC PROJECTS:

Department of Electrical Engineering, IIT Kharagpur

Objective	Achievements
Regenerative Power Train Control of a Hybrid Electric Vehicle	<ul style="list-style-type: none">Dynamic modeling of the power train was done using simulink and controller was designed using Deterministic Rule Based Control Strategy135% improvement in the fuel economy was achieved using the controller
Designing a Anti-Lock Braking System(ABS)	<ul style="list-style-type: none">Controller, based on PID control, and model was designed in matlab using simulink30 % decrease in stopping distance was achieved compared Non-ABS
Designing a Voice Operated Switch	<ul style="list-style-type: none">Designing Filters and Digital Signal processing needed for the Voice Operated Switch using 8051 microcontroller

POSITIONS OF RESPONSIBILITY

Positions	Duties/Achievements
Member Steering Committee Shaurya 2010-2011 IIT Kharagpur	<ul style="list-style-type: none">Steered the sponsorship, publicity and infrastructure aspects, improving the overall quality of Shaurya which is now one of the biggest sports fest in IndiaSupervised the core organizing team of 45 members of shaurya 09 to growth of 50% in outstation participants, inclusion of many new events and workshops and a increase of 60% in the prize money
Head Sponsorship Team Shaurya 2009-10 IIT Kharagpur.	<ul style="list-style-type: none">Member of the founding team of Shaurya (in 2008),the annual inter collegiate sports meet of IIT KharagpurLed a team of 30 members towards the accumulation of sponsorship amountSolely responsible for the publicity of the fest and a 80% increase in the outstation participation
Student Member, Office of Alumni affairs and International Relations 2008-09, IIT Kharagpur.	<ul style="list-style-type: none">Responsible for networking of the Alumni of IIT Kharagpur situated all over the world and keeping them updated about the various developments in the collegeResponsible for organizing the 6th annual global alumni meet of IIT Kharagpur Nearly 200 alumni attended the event

TECHNICAL SKILLS

Programming languages like C, C++, Engineering software: MATLAB, AUTOCAD

EXTRA ACADEMIC ACHIEVEMENTS:

SPORTS

- Representated IIT Kharagpur Basketball team in **National Level Inter IIT Sports Meet** (2008 & 2009)
- Captain of the Hall Basketball team and won gold in inter hall competition(2010)

MISCELLANEOUS

- Accommodation Secretary**, SN/IG Hall Of Residence 2008-09,IIT Kharagpur
- Gold Medalist**, Regional Level Inter School Elocution competition and participated in the National Level, conducted by CBSE
- Awarded as "**Best Outgoing Student**" in school
- Coordinator**, Guest Reception, Kshitij 2010