

GURRAPU NAVEEN

Room No: 110, Hostel-9, IIT-Bombay, Mumbai-400076, Maharashtra, India

Email: gnaveeniitgn@gmail.com / naveen.gurrapu@iitgn.ac.in Phone: (M) +91 9167475740 (L) +91 40 27165075

Seeking a challenging and rewarding opportunity in the field of Power & Energy / Education / Environmental sector in the multi-disciplinary profession which is more in line with my academic background and which effectively utilizes my excellent skills

Solutions Focused, Proactive and industrious **B.Tech (Electrical Engineering)** from **Indian Institute of Technology, Gandhinagar** with strong academic background. Persuasive communicator with exceptional relationship management skills with the ability to relate to people at any level of business and management; highly ethical, trustworthy and discreet;

- Instrumental in achieving the timely completion of assigned targets
- Adroit in learning new technologies; Ability to work both in independent and collaborative milieu
- Skilled team player with proven ability to lead and motivate teams to maximize productivity
- Sound communication skills through patient and persistent dialogue; Disciplined, versatile and big picture thinker;

CORE STRENGTHS

- Smart Grids and Indian Power Markets
- Matlab Coding
- Mathematics Lecturer
- Result-driven Work Approach
- Hardworking and quick learner
- Commitment towards work
- Sincerity and Self-Confidence
- Good team player
- Quick Adaptability
- Leadership Qualities

ACADEMIA

M.Tech first year in Center for Technology Alternatives for Rural Areas (CTARA), IIT-Bombay
B.Tech (Electrical Engineering) from IIT, Gandhinagar in 2012 **with 6.1**
12th from Narayana Junior College, Secunderabad in 2008 **with 95.6%**
10th from St. Martin's High School (ICSE) in 2006 **with 75.6%**

COMPUTER SKILL SET

- **Matlab:** Integrated Software for Computational Programming
- **Assembly Language:** 8051 (Micro Controller) and 8085 (Micro Processor)
- **C & Java:** Programming language for client-server web applications

TRAININGS

- Attended Social Media Marketing training at Digital Vidya
- Underwent training of "Making of a Professional Engineer: Professional Ethics & Tools for Thinking"
- Participated in training of "Entrepreneurship Opportunities for Engineers"

INTERNSHIP EXPERIENCE

DIGITAL VIDYA

Social Media Marketing Trainee (work from home) (Reporting to Co-founder)

(Jun'12 – Jul'12)

Key Role:

- Leveraged Facebook Ads for Community Growth, Lead Generation & Customer Acquisition
- Created Social Media Marketing Strategy and measured ROI of Social Media

AVANTI FELLOWS, Pondicherry

Associate Operations Intern & Maths Lecturer (Reporting to Associate Operations)

(May'12 – Jun'12)

Key Role:

- Demonstrated Maths Lecture for Class XI and XII for IIT-JEE examination
- Taught topics Calculus, Conic Sections and Algebra
- Responsible for Academic Planner and video conferencing
- Mentored and guided students
- Conducted Impact Assessment for students

Key Achievements:

- Assisted in admission process for recruiting 20 students into the program
- Created impact assessment method which helped more than 60% of students in getting above average marks
- Mentored students on and off campus to motivate students
- Started Counseling services to prevent home-sick, other mental stress

INDIAN INSTITUTE OF TECHNOLOGY, Gandhinagar, Gujarat

Undergraduate Summer Research Intern (Reporting to Professor, IIT Gandhinagar)

(May'11 – Jul'11)

Key Role:

- Worked on Re-structuring of Indian power, smart grid application to Indian scenario and Renewable energy integration to grid
- Reviewed and analyzed Indian electricity acts and its effects on the Indian power sector

Key Achievements:

- Published a research paper in the International Conference
- Prepared an article which was published in the International Magazine
- Became IEEE Potential Magazine, Student Reviewer because of my ability to focus on technical education
- Visited Hydro-power and solar power plants and learnt their working and maintenance

INDIAN INSTITUTE OF TECHNOLOGY, Gandhinagar, Gujarat

(May'10 – Jul'10)

Database Manager Intern (Reporting to Director Sudhir K Jain, IIT Gandhinagar)

Key Role:

- Prepared Institute Database using Microsoft Access which includes research profiles of Indian Faculty Professors in top 100 Foreign Universities
- Head of the database team & worked directly under Director and Dean (Academics), IIT Gandhinagar

Key Achievements:

- Helped the institute in recruiting faculty in various disciplines
- Assisted the institute in preparing guest lectured which lead to sponsorship projects and funding

RESEARCH PROJECTS

- Wind power forecasting and integration of power into the grid
- Voice-Conversion using a Matlab Algorithm
- Design of an efficient Sustainable Campus like an IIT
- Design of a Data logger with digital alarm clock
- Design and Simulate of a diesel powered PEM fuel cell system
- Design of an ATM Center for the cash with drawl

PUBLICATIONS

- Naran. M. Pindoriya and **N.Gurrapu**, "Emerging trends in Electricity Market in India", IEEE conference India, Dec 2011
- **N.Gurrapu**, "Energy Security: A Global Energy Challenge in 21st Century", IEEE international magazine, 2012 (submitted)

B.TECH THESIS

Short Term Wind Speed Forecasting Using Time Series Model

(Aug'11 – Dec'11)

ACADEMIC ACHIEVEMENTS

- Topped Collage in French subject and Topped State in Mathematics-B securing 150/150
- Won Gold medal in 400 metre race, volleyball Captain of the House
- Student Reviewer for an International Magazine, IEEE Potentials

EXTRAMURAL ENGAGEMENTS

Social-Leadership Activities

- Academic Planning, Mentorship and Guidance for 20 bright, low-income students from rural India
- Mentor to Kavita Kiran Prasad in IIT-JEE preparation, an Avanti fellow from low-income rural India
- Member of Nyasa team, which toward the welfare of campus construction workers and their families
- Member of Green Gang, which makes **strategies which will help to keep our environment pollution free**

Positions of Responsibility

- Spearheaded responsibilities as IEEE Potential Magazine, Student Reviewer; Mess Secretary (Sept'08 – Apr'09); Cricket Secretary (May'10 – Apr'11); Captain of cricket club "ASTROS (Oct'09 – Apr'10)
- Captain Electrical Cricket team that won departmental cricket trophy in 2010 (Sept'09 – Apr'10)
- Captain of the of the gully cricket team, that won cash prize of Rs 4000 among 55 teams at IIT-GN
- Organizer/Event coordinator of the Gully cricket at Halla-Bol (Inter-sports fest), 2011 at IIT-GN
- Campus-Ambassador of IIT-GN for the IEEE Industrial and Application Society (IAS), Gujarat

Membership Activities

- Member of the organizing team of the 4th Inter IIT Gymkhana Meet, 2011
- Goal keeper of football club Gallantos that won title in 2008-09 and runner up in 2009-10
- Member of IIT-Gandhinagar, 5 member Student council (Sept'08 – Apr'09); 14 member Sports council (May'10 – Apr'11); IIT Gandhinagar cricket team (2008-2011); volleyball electrical team (2008-2010)
- Participated in Inter IIT Sports Meet in IIT Kanpur (2009) and IIT Delhi (2010)

PERSONAL PROFILE

Date of Birth: 31st October, 1990
 Languages Known: English, Hindi, Telugu, Tamil & French
 References: Furnished upon request