KAMLESH KUMAR GUPTA
203 B,Annpoorna Enclave   BE in Electronics & Communication
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 Whitefield,Bangalore,pin-560066   **Phone No- 8050799015**

CARRER OBJECTIVE

To serve with full commitment and perform with the stated responsibilities, to achieve overall organizational progress by making the best use of my knowledge, interpersonal skills and fast learning abilities.

EDUCATIONAL QUALIFICATIONS

- **2012** –**B.E** in **Electronics and Communication Engineering** from Nagpur University with **69% aggregate.**
- **2007 -** A.I.S.S.C.E from C.B.S.E board with **81%** aggregate.
- **2005** - A.I.S.S.E from C.B.S.E board with **85%** aggregate.

PROJECT & SEMINAR

- **PROJECT:-**
  <u>Objective</u> :- **A low cost Tracking device which can be implemented using 8051 µC.**
  <u>Major</u> <u>Components</u> :- **µC- 8051 ,GSM(SIM 300), MAX-232, GPS Receiver,IC-7805**
  <u>Details</u>   **:**-The project is based on the combined application of Satellite Communication and Mobile Communication .It employed the use of 8051 µC, **The design uses RS-232 protocol for serial communication between the modems and the µC**. A serial driver IC is used for converting TTL voltage level to RS-232 voltage levels .The GPS unit gives the location of embed object and transmits the same to the predefined mobile number using the SIM 300 module(GSM provides AT commands interface). The Detection is done online using Google Earth using a framed message structure.
  Platform : Windows | Tools : KEIL,PCB ARTIST | Language : Embedded C
  Online Platform- GPS Visualizer (to generate a KMZ file for Google Earth)
  **   Google Earth   (to locate the position)**
  Role   :- Programmer and PCB designer .

- **SEMINAR:-**
  <u>Title</u>   **:- CAN (Controller Area Network) .**
  <u>Details</u>   **:**- Explained about Protocol implementation to enable serial Communication for Automotive , Avionics , Maritime, Medical & Environment Applications.

TECHNICAL SKILLS

- **Programming Languages I Have Used : C & Data Structure ,Python,C++,SQL**
                                        Embedded C,LINUX
- **Text Editor I am comfortable with   : Vi ,Vim , Eclipse(C/C++/Pydev)**
- **Electronics Tools Used   : Keil , Proteus , Cadence PCB Designer.**
- **Comfortable working in Linux(Shell Scripting) and Windows Environment.**

CORE Interest

- **Analog and Digital Electronics Circuit design and Simulation .**
- **Communication Engineering.**

ACADEMIC ASSINGMENTS & PROJECTS

- **Completed Certificate Course (6 weeks) in architecture, Microcontroller programming & Interfacing of 8051 Microcontroller from VECTOR INSTITUTE-leading institute for Embedded system.**
- Presented project on LIGHT POLLUTION at UTTHAN 2010 National level exhibition of innovative Projects-Cum-Competition .
- **Technical Paper presented on <u>FIN-FET</u> at PCOE Nagpur.**

ACADEMIC ACHIEVEMENTS

- **<u>GATE- 2013 Qualified with 95.42 Percentile.</u>**
- Won **IInd** prize in quiz competition organized at MIET GONDIA under the banner of ISTE, New Delhi Students Chapter.
- Won **1st** prize in robotics competition organized at MIET GONDIA under the aegis of IEEE.

POSTS OF RESPONSIBILITY

- Coordinate Member of T&P student Cell in College.
- EXECUTIVE MEMBER of Departmental Club PEACE.
- Body Member of NSS in College.

EXTRA- CURRICULAR ACTIVITIES

- Captain of **College Basketball** team (Represented the college in University Games).
- Participated and organized Blood Donation Camp.
- Organized various Educational Camps under the banner of **NSS**.
- Organized and participated in LAN Games in **ALPINE 2011.**

REFERANCES

- **Mr. TAPAS GUHA ,Associate Professor & Head MIET Gondia ECE,**
  E-mail: **tapas_guha@rediffmail.com , Phone no : 09823125631**

- **Mr. Kapil A. Kokney, Assistant Professor MIET Gondia ECE,**
  E-mail: kapiluk@rediffmail.com , Phone no :09421781738

I hereby declare that all the information given here are true to the best of my knowledge.

KAMLESH KUMAR GUPTA