

CURRICULUM VITAE

Apparao Gandhi

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+91-9085884467

EXPERTISE

Looking forward for an opportunity to work with an organization that offers challenging assignments to utilize my professional skills with the mission to excel while adding value to myself and to the organization.

PERSONAL DETAILS

FULL NAME	APPARAO GANDI	MAILING ADDRESS	Room No-B-347, Barak Hostel IIT Guwahati Guwahati-781039 Assam. India
DATE OF BIRTH	14 th JUNE 1988	PERMANENT ADDRESS	D.No:89-16-20; Sainagar-2, Flot No-27, Morampudi, Rajahmundry, E.G.Dist., Andhra Pradesh, Pin:533103.
GENDER	MALE		
NATIONALITY	INDIAN		
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CONTACT NUMBER	+91-9085884467		

ACADEMIC RECORD

M.TECH – TRASPORTATION SYSTEM ENGINEERING- CIVIL ENGINEERING

Degree	Year of Passing	Board/Council	Institution	% of Marks/ CPI	
M. Tech. (Transportation Systems Engineering)	2012 (Expected)	I.I.T. Guwahati	Indian Institute of Technology, Guwahati	7.42	
B. Tech. (Civil Engineering)	2010	Acharya Nagarjuna University	V.R.Siddhartha Engineering College, Vijayawada	66.8	
Higher Secondary (XII)	2005	Board of Intermediate Education, Andhra Pradesh	Sri Chaitanya Junior College, Rajahmundry.	77.10	
S.S.C. (X)	2003	Board of Secondary Education, Andhra Pradesh	Govt. Modal High School (Boys), Rajahmundry.	71.33	

Major Courses undertaken:

Transportation Engineering, Pavement materials, Urban Transportation Systems Planning, Traffic Engineering, Pavement Analysis and Design, Traffic Flow Modeling and Simulation, and Fuzzy logic in Transportation engineering, Optimization methods.

HONOURS / AWARDS:

Qualified for Ministry of Human Resource Development (MHRD) India- Scholarships.2010-12.

Pursued Bachelors degree under Post Matric Scholarships from Govt. of Andhra Pradesh-India.2006-10.

Elected as a **PG-Representative** of the Student Gymkhana Council of IIT-Guwahati for the Academic year 2011-2012.

Workshops/Research Training(s) attended:

Participated in Short-Term course on **Design and Rehabilitation of Highways pavements** organized by Civil Engineering Department, **Indian Institute of Technology Khargpur**, Nov 19-21, 2011.

ACADEMIC PROJECT:**M.Tech Project:**

Influence of Confinement (Plastic Cell) Size on Sand Cushioned Aggregate in Subbase of Pavement.

Abstract:

Sub-base of pavement without reinforcement often in some cases poses construction and maintenance problems. Among others, soil reinforcement technique is a viable alternative to enhance the strength of the soft soils. The latest adaption of reinforcing the sub-base of pavement involves the use of plastic cells, with sand cushioned aggregate. The test beds consist of a subgrade soil, granular sub-base with and without plastic cell reinforcement. A static load through rigid plate of diameter 300 mm is applied. The deformation of surface at specified positions such as 0 m, 0.3m, 0.6m and 0.9m are measured.

B.Tech Project:

Structural Strength Enhancement of Rigid Pavement Using Scrap Steel Fiber Reinforcement.

Abstract:

The influence of scrap fiber reinforcement in cement concrete has been studied with regard to its feasibility in full scale production, and to its ability to retain its workability after adding of fibbers and on its flexural strength properties. Early age concrete and its fracture mechanical properties have been modeled fiber reinforcement concrete is often used in rigid pavements where its task is to be distribute cracks that originates from stress caused by volume changes in combination with structural restraint. Also, the thickness variation of rigid pavement with fiber reinforced cement concrete has been studied.

Term Projects:

1. Presented term paper on “Asphalt Emulsions Manufacturing and Technology”.
2. Presented term paper on “Vehicle Gap Related Study”.
3. Price Elasticity Demand and Traffic Forecasting.

ACHIEVEMENTS:

- I got **2nd Prize** in SRUJANA-08 a “State Level Project Exhibition cum Competition “organized by ABVP & VSS, for the model on Express Transportation System & Wonder Stone in March 2008.
- I got **2nd Prize** for the Presented a paper on “Repair of Flexible Pavement Distress” in STHAPATYA'09, a “National Convention of Civil Engineering Students” organized by JNTU, Hyderabad in March 2009.
- I got **2nd Prize** for the Presented a paper on “High Volume Fly Ash Concrete Incorporating Nano” in TECHNOFEST'09, a “National Level Student Technical Meet” organized by VRSEC, Vijayawada in March 09.
- I got **1st Prize** in the event “GPS-Video Model Exhibition” organized by ACE-2007, in Vijayawada.

EXTRACURRICULAR ACTIVITIES:

- Actively Participated as an Organizer in Srujana-2008, a State level Project Exhibition cum Competition organized by “Akhil Bharathiya Vidyarthi Parishad”, Andhra Pradesh.
- Actively Participated as a Volunteer in the organization of Civilize'08, National Technical Symposium in V.R.Siddhartha Engineering College-Vijayawada.
- Member of the SOFT BALL Team and Participated in the “Acharya Nagarjuna University Inter-Collegiate Tournament” in 2008-2009.
- Actively Participated in MANTHAN'2010 & 2011 – The Inter-Hostel cultural festival of Indian Institute of Technology, Guwahati.

COMPUTER SKILLS:

Programming Skills : C Programming, Data Structures.
Software Skills : AutoCAD, STAAD. Pro, TransCAD , VISSIM (Student Version)

REFERENCES:

Dr. T.L. Ryntathieng Assistant Professor Dept. of Civil engineering IIT- Guwahati E-mail: lyngdoh@iitg.ernet.in	Dr. C. Mallikarjuna Assistant Professor Dept. of Civil engineering IIT- Guwahati E-mail: c.mallikarjuna@iitg.ernet.in	Dr. Rajan Choudhary Assistant Professor Dept. of Civil engineering IIT- Guwahati E-mail: rajandce@iitg.ernet.in
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DECLARATION

I hereby certify the authenticity of the detail information given above as per my knowledge.

PLACE: **IITGUWAHATI**
DATE :

(APPARAO GANDI)