

## RAJENDRA PRASAD BOMMU

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### ACADEMIC QUALIFICATION

Degree / Examination	Institute	Year	CGPA / %
B.E- Civil & Structural Engineering	Sri Chandrasekharendra saraswathi Viswa Maha Vidyalaya, Kanchipuram.	2016	8.6
Class XII : Board Of Intermediate Education, AP	Narayana Junior College, Gudur.	2012	87.2
Class X : Board of Secondary Education, AP	C.A.M High School, Gudur.	2010	89

### INTERNSHIPS:

<b>R&amp;B, Govt of AP</b> (June'15 - July'15)	<b>REHABILITATION AND UPGRADATION OF EXISTING NH-565</b> <ul style="list-style-type: none"><li>• Rehabilitation and upgradation of existing NH-565 of <b>84 Kilometers</b> from (Penchalakona to yerpedu section) to two lane with paved shoulder in the state of Andhra Pradesh under NDHP-IV</li><li>• Analyzed data collected and proposed rehabilitation measures</li></ul>
<b>BSCPL INFRASTRUCTURE LTD</b> (May'15 – June'15)	<b>EXTENSION OF FOUR LANING OF NH-6</b> <ul style="list-style-type: none"><li>• Undergone internship in the construction of culverts and also in the extension of NH-6, Chattisgarh.</li><li>• Conducted on site investigations and analyze data (maps, reports and drawings)</li></ul>
<b>RURAL WATER SUPPLY &amp; SANITARY DEPT, Govt of AP</b> (June'14)	<b>CONSTRUCTION OF WATER TREATMENT PLANT</b> <ul style="list-style-type: none"><li>• Supervised in the execution of concrete works in construction of OHSR (over head storage reservoir) of capacity 10000 litres with an elevation of 40 meters.</li><li>• Involved in the construction of water treatment plant for the supply of drinking water to the nearby areas of Rapur, Andhra Pradesh.</li></ul>

### PROJECT:

<b>BACHELOR'S THESIS PROJECT</b> <b>SCSVMV University</b> (July'15 - April'16)	<b>STUDY OF POLYPROPYLENE FIBERS IN CONCRETE</b> Guide: Asst.Prof.M.Dinesh <ul style="list-style-type: none"><li>• Concrete made with ordinary portland cement is strong in compression and weak in tension and another fundamental weakness is forming cracks. An experimental program has been carried out to explore its effects by mixing polypropylene fibers in concrete</li><li>• The ultimate strength of fibre mixed concrete has been carried out by correlating with the strength of control mix for 7, 14 &amp; 28 days of curing.</li></ul>
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## SKILLS

### Software Skills

Auto cad, Staad Pro, Arc GIS, C, Microsoft Office

### Technical Skills

Highway engineering, Foundation Engineering, Traffic Engineering, Design of RCC & Steel Structures, Remote sensing & GIS and Soil mechanics.

## POSITIONS OF RESPONSIBILITIES

### Secretary Events

NIRMAN-2k15  
SCSVMV University

- Organised a technical event **Bridge Designing** for NIRMAN-2K15, Annual techno fest for civil & Structural Dept, SCSVMV University, Kanchipuram.

### Mess Advisor

SCSVMV University

- Played a vital role, as a **Mess Advisor** in improving the quality of food and hygiene at annapoorani hostel.

## ACHIEVEMENT(S)

- Won 1st prize – Design for Disaster “**PROTECTION FROM EARTHQUAKES BY INVISIBILITY CLOAK AND BASE ISOLATION TECHNIQUE**” NIRMAN 2K15, Annual Techno Fest, SCSVMV University.
- Qualified for the final round in **National Design Competition** conducted by CADD CENTRE

## WORKSHOPS

### NON DESTRUCTIVE TESTING

 at VIT University, Vellore in 2015

- Gained practical knowledge about various “**NON DESTRUCTIVE TESTS**” like Visual Inspection, Rebound Hammer Test, UltrasonicPulse Velocity test, Radiographic Inspection

### POLLUTION & ITS MONITORING

 at SCSVMV University, Kanchipuram in 2015

- Air quality monitoring is performed using specialized equipment and analytical methods used to establish air pollutant concentrations
- Carried out various Laboratory tests for Soil Monitoring, Water Quality Monitoring and its parameters

### GIS & SURVEYING

 at SCSVMV University, Kanchipuram in 2014

- Had a practical exposure about the operation and uses of “TOTAL STATION” in the field of surveying
- Studied about Aerial surveying, Mapping Data & GIS and Land surveying

## EXTRA CURRICULAR ACTIVITIES

- Actively participated in “PROJECT EXPO” conducted by Civil & Structural Engineering, SCSVMV University, Kanchipuram
- Runners** in Cricket tournament NIRMAN – 2K15 Annual Cultural Fest, SCSVMV University, Kanchipuram