

# Gayathri. N

ME from a premier institute Looking for an opportunity to work as design engineer | Proficient in Sketching| Excellent software skills- AutoCAD, Revit Architecture| Qualified with Diploma in building design| Good Presentation & Client Management skills.

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## Skills

- *Effective classroom management*
- *Verbal and Written Communication*
- *Time management*
- **AutoCAD**
- **Revit,Staad Pro**
- **TEKLA Structural Design**

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## Experience

AUG 2022- PRESENT

**Assistant Professor, Jerusalem college of engineering, Chennai**

Papers Handled – Advanced theory of structures, Water supply engineering, Sustainable building materials, Design of steel structures, Waste water engineering, Soil mechanics. Labs- SOM lab, Soil lab.

JAN 2020 – JAN 2021

**ADHOC Lecturer, Government College of Engineering, Bodinayakanur**

Papers Handled - Prefabricated structures, Railway-Airport-Harbor Engineering, Renewable energy resources, Strength of Materials. Labs- SOM lab, FM lab, AutoCAD. Guided final year project.

JULY 2019 – NOV 2019

**Assistant Professor, KIT and KIM Technical Campus, Karaikudi**

Papers Handled - Structural Dynamics & Earthquake Engineering, Disaster Management, Strength of Materials, CAD Lab.

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## Education

2019

**Master of Engineering (Structural Engineering) | Government College of Engineering, Tirunelveli**

First Class with Distinction. 2 Journal Publications. 1Int'l Conference Paper Presentation.

Project - Using ABAQUS FE software, comparative study was carried out between beam casted with hot rolled and cold form channel section. Flexural behavior of the specimen was tested and compared with the analytical one.

2017

**Bachelor of Engineering (Civil Engineering) | National Engineering College, Kovilpatti**

2<sup>nd</sup> rank. First Class with Distinction. 2 Journal Publications. 1Int'l Conference Paper Presentation.

Project - Comparative study of RCC beams with TMT bars and slotted angle. Casts were made with both reinforcements. Deflection, initial crack and ultimate load characteristics were compared.2013

2011

**Secondary School Leaving Certificate (SSLC) | 98% | M.F.G. HighSchool, Uthamapalayam**  
District 2<sup>nd</sup> rank.

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## **Publications**

1. N. Gayathri et al (2017). **“EXPERIMENTAL STUDY ON COMPARISON OF BOND STRENGTH OF RC CUBES AND ALSO WITH SLOTTED ANGLE”** *International Journal advanced Research trends In Engineering and Technology (IJARTET)*. ISSN 2394-3777 vol4 issue 8 March 2017.
2. N. Gayathri et al (2017). **“ANALYTICAL STUDY ON BEHAVIOUR OF REINFORCED CONCRETE BEAM REINFORCED WITH SLOTTED ANGLE”** *International Journal advanced Research trends In Engineering and Technology (IJARTET)*. ISSN 2394-3777 vol4 issue 8 March 2017.
3. N. Gayathri et al. **“STUDY ON TENSILE BEHAVIOUR OF COLD FORM STEEL SECTION”** *Journal of Applied Science and Computations (JASC)*, ISSN NO:1076-5131 Volume VI, issue IV, April 2019.

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## **Certification Courses**

- **GEOLOGY AND SOIL MECHANICS** - NPTEL Online Certification.
- **MODERN CONSTRUCTION MATERIALS** - NPTEL Online Certification.
- **DIPLOMA IN BUILDING DESIGN** - CADD Training services.
- **INTRODUCTION TO STAAD PRO V8I** - Bentley Institute Certificate.
- **SOFT SKILL DEVELOPMENT** - NPTEL Online Certification.
- **TEKLA STRUCTURAL DESIGNER TRAINING** - KLEIOS technologies

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## **FDP Attended**

- Five-Days Faculty Development Programme on "NBA SAR Preparation under Tier I" conducted by Internal Quality Assurance Cell (IQAC) and Accreditation, Affiliation and Approval (AAA) cell from 03.01.2023 to 07.01.2023
- Participated in the L&T EduTech – Naan Mudhalvan Training of Trainers Program for “Design & Construction of Steel Buildings” held between 19<sup>th</sup> -22<sup>nd</sup> September 2022.

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## **Leadership**

- **PRESIDENT** - IE(I) Students Chapter (CIVIL) (2016-17)

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## **Internship Experience**

- **“Exam cell Construction”** project under CPWD Madurai for Gandhigram University, Dindugal.

- **“Court Building Construction”** project under PWD Theni.
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