

Srivatsav Suresh Kumar | EIT

1281 Kennestone Circle, Marietta, GA, 30066

470-990-6200

Srivatsav.Kumar@efiglobal.com

Professional Summary:

Structural Engineer with experience in design and analysis of telecommunication structures and solar structures including sector mounts, platforms, towers, rooftops, water tanks, fixed tilt and tracker structures. Knowledge of ACI, ASCE, AISC and other civil engineering codes. Proficient in use of software tools like RISA-3D, STAAD.Pro, TNX towers, Autocad and Mathcad.

Licenses and Certifications:

Engineer in Training, NCEES, NC

Project Experience:

Destek Engineering, Marietta, GA

Telecommunication Structures:

Design and analysis of telecommunication structures all over US including sector mounts, platforms, towers, rooftops and water tanks. Provide modification drawings as required.

Nuevosol Energy Private Limited, TS, India

Solar Structures:

Design and analysis of solar structures in India for single post, dual post and tracker structures. Prepare the plant layout and provide modification drawings as required.

Structural Engineering Research Center, TN, India

Damage Mechanics Model for Concrete:

Worked on proposing a new damage mechanics model for concrete under uni-axial tension. The proposed model is based on the experimental results of acoustic emission testing which provides an insight of the crack patterns at various locations of the specimens under test. The proposed model better predicts the stress-strain curve of concrete, mainly in the strain softening zone, and the ultimate strain value.

Professional Experience:

Destek Engineering, Engineer in Training, 2017 – 2019

Nuevosol Energy Private Limited, Design Engineer I, 2013 – 2015

Structural Engineering Research Center, Research Assistant, 2013

Education:

Masters, Structural Engineering, North Carolina State University, Raleigh, NC, 2015-2016.
B.E Honors, Civil Engineering, Birla Institute of Science and Technology, TS, India, 2009-2013.

Honors and Awards:

Merit scholarship, SERC, 2013.