

# SURYADEVA PRASANNA KUMAR KRISHNAPATNAM

Flat 3023, Janapriya Nile valley, Rd no 12, Madhavapuri hills, PJR enclave, Madinaguda, Hyd – 500050

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## CAREER OBJECTIVE

Self - motivated and hardworking fresher seeking an opportunity to work in a challenging environment to prove my skills and utilize my knowledge in the growth of organization.

## ACADEMICS

Qualification	Certifying Board	Institute	Year of Completion	Score
B. Tech (Mechanical)	JNTU Anantapur, Andhra Pradesh	Gokula Krishna College of Engg., Sullurupeta, AP	2017	69%
Intermediate (MPC)	Board of Intermediate Education, Andhra Pradesh	Narayana Junior College, Nellore, AP	2013	88.50%
SSC	Board of Secondary Education, Andhra Pradesh	Balabharathi E.M & T.M. school, Vidyanagar, AP	2011	83.50%

## SKILLS

**Programming:** C

**Office Tools:** Word, PowerPoint, Excel, Outlook, InfoPath

**Core:** Autodesk, CAD

## WORKSHOPS

- Industrial visit to **ISRO** at **SDSC SHAR**
- Participated in **CATECHIZE**, a national level workshop conducted in Audisankara College of Engg.
- Participated in **MECHNOVATE**, a national level workshop conducted in Gokula Krishna College of Engg.

## EXTRA CURRICULARS

- Captain for Department cricket team for four years and Lead College cricket team two times for Inter-University cricket championship
- Member in college Organizing body for **SWACHH BHARAT** programme
- **Demonetization** – Participated in social responsibility programme initiated by college to create awareness on digital transactions to the nearby villagers
- Volunteered in Blood donation camps conducted at College level
- Event organizer for Annual College fest and tours

## ACADEMIC PROJECT

### DESIGN & ANALYSIS OF L40 FULL STAGE HORIZONTAL HANDLING TACKLE

#### Description

Liquid stages are used as strap on boosters in geosynchronous launch vehicle. All the L40 stages will be flight qualified at stage preparation building (SPB) and transported to launch pad for assembling.

This call for horizontal handling of the stages for loading and unloading from the trailer. The project work is outlined to define the horizontal handling system. The stage weight of 5.5t and stage length is 19.6 m. A tackle is to be designed for the stage handling. In order to handle such a huge stage, the center of gravity of the horizontal handling tackle is fixed before lifting the stage.

The structural design of stage handling tackle is made by using 3D modelling software (Autodesk inventor professional) and analysis for the same is made by using analysis software (ANSYS).

#### Organization

**I**ndian **S**pace **R**esearch **O**rganization at SDSC SHAR, Sriharikota.

## PERSONAL DETAILS

<b>Father's Name:</b>	K. Srinivasulu
<b>D.O.B:</b>	2 <sup>nd</sup> Jun, 1996
<b>Gender:</b>	Male
<b>Nationality:</b>	Indian
<b>Languages:</b>	Telugu, English
<b>Marital status:</b>	Unmarried
<b>Interests:</b>	Farming, Cricket, Swimming, Listening to Music, Social responsibility activities

## DECLARATION

I hereby confirm the information provided above is true to best of my knowledge. I agree to provide any supporting documents whenever required.

**SURYADEVA PRASANNA KUMAR KRISHNAPATNAM**