



# GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY

(An ISO 9001-2015 Certified Institution)(Approved by AICTE, Affiliated to JNTUA)

PGCET code: GTNN1, EAMCET/ECET/POLYCET code:GTNN

3<sup>rd</sup> Mile, Bombay Highway, Gangavaram (V), Kovur (M), SPSR Nellore District, A.P-524137

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## SRUJANA-2K18

### “Sound Foundations”

A One-Day National Symposium on  
Diverse Applied Themes in Science & Humanities  
(Exclusively for I B.Tech Students)

**13 April 2018**

Organized by

**Department of Science & Humanities**

#### Chief Patron

Sri D.B. Ravi Reddy,

Chairman, Ushodaya Educational Society

#### Patrons

Sri N. Sudhakar Reddy, Secretary & Correspondent

Sri P. Srinivasulu Reddy, Joint Secretary

Sri Y. Vijaya Sankara Reddy, Treasurer

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Prof. G. Subba Rao, Principal

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Ms. K. Vijaya, Assoc. Prof.

HOD, S&H Department

#### Coordinator

Dr. Ch. Kalyani, Assoc. Prof.

#### Co-Coordinators

Dr. P. Chakrapani, Assoc. Prof.

Dr. P. Krishna, Asst. Prof.

Dr. L. Vinay Kumar, Asst. Prof.

Dr. P. Haritha, Asst. Prof.

### SALIENT FEATURES OF GIST

- An ISO 9001:2015 Certified Institution.
- Accorded 2F status under UGC Act 1956.
- AICTE approved for implementing PMKVY-TI skills.
- IEEE, CSI, ISTE & IETE Students Chapters.
- APSSDC Student Skill Development Centre.
- Empanelled Spot Evaluation Centre JNTUA.
- Accorded ‘Gold Status Institute’ AICTE-CII Survey .
- Academic Alliance with Oracle, SAP, Bangalore.
- Students accomplishing Prathibha puraskars of AP State Government in 2017.
- Awarded JNTUA gold medal in ECE during 2017.
- Multifaceted, Pulsating NSS unit with social responsibilities
- Exclusive R&D department.

#### Faculty Coordinators:

Mr. G. Sathish Paul, Associate Prof.

Mr. B. Rajendra Singh, Associate Prof.

Ms. M. Gayathri, Associate Prof.

Mr. M. Ganapathi, Associate Prof.

Ms. Sd. G. Asvia Begum, Associate Prof.

Ms. T. Sujatha, Asst. Prof.

Mr. K. Narayana, Asst. Prof.

Ms. B. Anuradha, Asst. Prof.

Mr. M. Madhu Babu, Asst. Prof.

Mr. U. Venu Gopal, Asst. Prof.

Mr. T. Girish Babu, Asst. Prof.

Mr. P. Sudhakar, Asst. Prof.

Mr. G. Suman Kumar, Asst. Prof.

Ms. D. Swaroopa, Asst. Prof.

Mr. Sk. Avez, Asst. Prof.

Ms. KTE Sandhya Kiran, Asst. Prof.

Ms. N. Vasanthi, Asst. Prof.

Mr. M. Apuroop Joseph, Asst. Prof.

Mr. P.V.L. Madhava Rao, Asst. Prof.

Ms. M. Manasa, Asst. Prof

Mr.T. Harendra Reddy, A.O

Mr. S.V. Subba Reddy, E.O

## The Institution

Ever since its establishment in 2008, Geethanjali Institute of Science and Technology has been steadily progressing to be an academic hub in the District. The campus vibrates with regular academic activities carving out the careers of the aspiring students.

## S & H Department

The Department of Science & Humanities plays a pivotal role in providing 'sound foundations' to the technology students by according them right orientation, motivation and guidance and initiating them to core engineering studies. Required skills are imparted through transition from content oriented learning to skill oriented learning in a technology enhanced learning ambience.

## Relevance & Theme of the Symposium

The prime purpose of the Symposium is to exclusively address the unique requirements of the 1 year B. Tech students, and to nurture critical, analytical, creative and presentation skills, build up confidence and provide a platform to showcase their multiple talents and provide a scope for exchange of enriching experiences with a focus on the following themes and not limited to them alone

### Mathematics

- The greatest Mathematicians
- Applications of following transformations  
Laplace, Fourier, and Z- Transforms
- Vector Differentiation and Integration
- Applications of Integration
- Application of Differential Equations

### Engineering Physics

- Applications of Lasers
- Optical Fibers Communication
- Nanotechnology
- Applications of Semiconductor Devices
- Applications of Superconductors

### Engineering Chemistry

- Next Generation Fuels
- Low cost Storage Batteries
- Polymers in Electrochemical Devices
- Desalination Techniques

### Environmental Studies

- Technical solutions to air pollution
- Water conservation methods
- Over population - Environmental Issues

### English

- Communication Skills for Professional students
- Importance of Soft skills today.
- Importance of English Communication in current corporate culture
- Any topic dealing with English Vocabulary, Grammar or Language Skills.

## Call for Papers/Posters

### Participants

All the First Year B.Tech students belonging to any discipline can participate in the Symposium. Original and unpublished papers and posters are invited on any of the above topics or any other topic relevant to the theme of the symposium. Interested participants can

submit their papers as attachments to the e-mail along with the details (Such as college name and other information).

### Guidelines for Full Paper/Poster/Quiz

- A4 size paper, title of the paper in 14 point, text 12 point, 1.5" spacing, Times New Roman font
- Name(s) of author(s), address, mail ID
- Abstract up to 200 words and full paper 1500-2000 words
- Hardcopy of Poster on Standard Size Drawing Sheet

**Quiz:** On Current affairs, General Knowledge, Games & Sports, History, Politics and Entertainment.

### Important Dates:

<b>Submission of Abstract</b>	<b>: 26 Mar 2018</b>
<b>Acceptance &amp; Intimation</b>	<b>: 02 Apr 2018</b>
<b>Submission of full paper</b>	<b>: 09 Apr 2018</b>
<b>Registration</b>	<b>: 13 Apr 2018 @ 9 AM</b>
<b>Date of Symposium</b>	<b>: 13 April, 2018</b>
<b>Time</b>	<b>: 09.30 AM-05.00 PM</b>

### Registration Fee

(Including Lunch) (Payable at the Symposium venue)

Paper :250/per individual

Poster :200/per individual

Quiz :150/per individual

Note: A maximum of TWO people can present a paper- /poster and THREE can represent the Quiz team.

### For further information contact:

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