

About InPhyNITT

InPhyNITT is a national level science festival, conducted by the Department of Physics every year to entice young minds to explore the Physics beyond the textbooks. The Department has been conducting the science fest ever since its inception. The name InPhyNITT was coined in 2012. InPhyNITT 2019 is thus the eighth iteration and will be held on the 6th of March, 2019.

About The Institute

National Institute of Technology, Tiruchirappalli, commonly referred to as NIT Trichy, is a public engineering institution near the city of Tiruchirappalli in Tamil Nadu, India. It is recognised as an Institute of National Importance by the Government of India under the National Institutes of Technology Act 2007. The Institute is Located in a campus of 800 acres and has 16 Departments covering Engineering, Applied Sciences, Humanities and Management programs with a strong emphasis on Scientific and Technology education and research.

General Instructions

1. All the participants must bring their college ID card.
2. Online registrations can be done through the Android app or the website.
3. On spot registration is available.
4. Last date for online registration : 1st March 2019.
5. There is no limit for the number of teams from a college.
6. Participants must report by 8:30 am.
7. Registration fee:

Without accommodation : ₹250

With accommodation : ₹400

ORGANIZING TEAM

Staff Coordinator

Dr. M. C. Santhosh Kumar,
Associate Professor,
Department of Physics,
National Institute of Technology,
Tiruchirappalli.
santhoshmc@nitt.edu

Student Coordinators

M Laxman (+91-9958644125)
Shivangi Tewatia (+91-9818372216)

For any queries feel free to contact our coordinators or mail us at
inphynitt@gmail.com

For Registrations and more details
visit us @

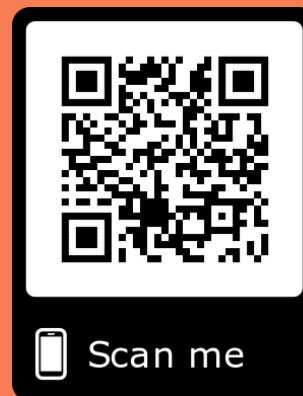
Website: inphynitt.cf

E-mail: inphynitt@gmail.com

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Registration Fee: ₹250

Accommodation Fee: ₹150



NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI

DEPARTMENT OF PHYSICS

Presents



6th March 2019

Organizer



Department of Physics
National Institute of Technology
Tiruchirappalli

GUEST LECTURES

1. Dr. C.D. RAVIKUMAR

Associate Professor,
University of Calicut.

Title: ***Cosmic Dancers: The Story of Galaxies***

2. Dr. P. VISWANATH

Scientist - D,
Centre for Nano and Soft Matter
Sciences, Jalahalli - Bangalore.

Title: ***Thin Film Polymorphism and Growth Mechanism In Organic Semiconductors.***

3. Dr. Yasushi Takemura

Professor,
Department of Electrical and
Computer Engineering,
Yokohama National University,
Yokohama, Japan.

Title: ***Electronics for Biomedical Applications***

Project Exhibition

"The science of today is the technology of tomorrow"

Have you ever made something, of which you are proud? Then InPhyNitt provides an opportunity to present it in front of renowned professors. You are free to display the project from any branch of science and technology. Computer Simulations are not permitted.

Rules:

- Teams comprising of a maximum of four members are allowed.
- Participants will be provided with a power supply.
- Participants are requested to bring in completed setups of their display model.
- Participants should send in a description of their project at inphynitt@gmail.com.

Online Quiz

"Can you solve it?"

An undergraduate physics and basic mathematics themed online quiz awaits you at inphynitt.cf

Paper Presentation

"Let your mind write the words, not your hand."

It is a high-end paper presentation event. Show off your presentation skills and impress our panel of judges.

Topics:

1. Dark Matter and Dark Energy
2. Radiation Shielding in Space
3. Life on Mars
4. Gran Unification Theory
5. Quantum Teleportation
6. Mysteries of the Double Slit Experiment
7. Nuclear Fusion
8. Bio Physics

Send in your abstracts at inphynitt@gmail.com by 3rd March, 2019. Selected candidates will be informed via mail.

Link To Live

"We work because it's a chain reaction, each subject leads to the next."

Rules:

- Each round will contain three questions.
- Participants should register in teams of three.
- Aggregate score will be used to decide upon the winning team.

Flying Starman

"Creativity takes courage"

Vivid imagination tantamounts to artistic creativity. So use your technical and futuristic ideas to draw a poster on the "Future of Transportation" and present it in front of our esteemed judges.

Rules:

- You will be provided with an A1 sheet and a spot to draw at and display henceforth.
- Participants must bring in their set of stationery. Send your layouts at inphynitt@gmail.com by 1st March, 2019.

GPS This!

"In plain sight, yet so disguised."

InPhyNITT brings you "GPS This!", a treasure hunt that promises to be mind-boggling, captivating, and enthralling. The teams must put on their detective hats to solve all the clues for the ultimate quest.

Rules:

- 4 members teams only.
- Clues will be spread through the designated area.
- Use of bicycles to traverse across the campus is allowed.
- The organizing team reserves the right, at their sole discretion, to disqualify any team, they find or believe to have tampered with the process of the competition.

I Am Groot

"I still believe in heroes"

InPhyNitt presents I Am Groot – a Marvel Cinematic Universe quiz spanning the atomic Antman to the magnanimity of Asgardia. Anything and everything from Iron Man to Endgame can be the distance between you and the trophy.

Rules:

- Two members teams and lone wolves are allowed.
- Cross college teams are welcome.
- 20 questions prelims followed by a final round.