



**Indira Gandhi Institute of Technology  
Sarang**

## ABOUT THE INSTITUTE

Indira Gandhi Institute of Technology (IGIT), sarang was established in 1982. IGIT, Sarang is an Autonomous Institute declared by University Grants Commission. The Institute is AICTE approved, NBA accredited and TEQIP-III supported and it is one of the oldest Premier Technical Institute of Govt. of Odisha. At present the Institute is offering Diploma, B. Tech, B. Arch, M. Tech, M. Sc, MCA and PhD degree in different disciplines.

It has also highly qualified and experienced faculty members and around 1500 students join every year in this institution.



The Departments are greatly benefited by the expertise of faculty. Each Department conducts annually at least one conference / seminar / workshop/ for effective dissemination of state-of-art technologies and research finding the benefit of teaching faculty and Industries. The Institute is extremely proud of its Alumni, a considerable number of them being entrepreneurs or senior executives in Industries both within India and abroad. The Institution is located at Sarang, at the bank of river Brahmani, about 8 kms from Talcher and 140 kms from Bhubaneshwar and it is well communicated by bus and train. The climate is very good and amusing at IGIT during March. The stay will be very much pleasant during this period.

## PRODUCTION ENGINEERING DEPARTMENT

Production Engineering has emerged as an independent discipline catering to the global need. Thus the Department was started in the year 2014 with an approval from AICTE. Since then the Department has strived towards its mission of crafting Engineers with remarkable ingenuity, versatility and a heart for indigenous technology, the Department promotes the academic excellence and raise the level of knowledge, competence and skill in the area of Manufacturing Engineering. It also excels the research capabilities for faculties and student.





## FROM HOD'S DESK

It's my immense pleasure to host the 1st edition of the Techno - Cultural Fest of Production Engineering Department, which will be purely based on application and advancement of Production Engineering.

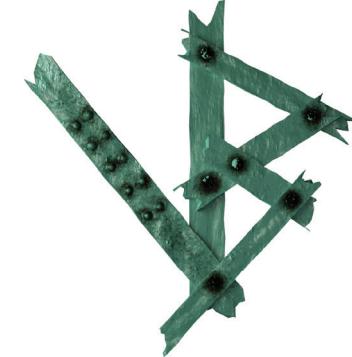
Through this event, I hope the students participating from numerous distant colleges will have hands on experience and learn about various advancement in the field of Manufacturing and implement in their forth coming carrier.

**Dr. B.B. Choudhury**  
HOD (P.E. Department)

## VYROBA 2020

The annual Techno - Cultural Extravaganza organized by Production Engineering Department, IGIT Sarang.

- Starting a ballad of ecstasy in 2020 from 27th to 29th march. A majestic 3 days' festival brought to you by the most enthusiastic society of IGIT, a 38 years old premier Institute with numerous renowned carnivals, pulling number of participants from miles away.
- The first of its kind carnival aiming at all round development of students with various technical activities like Technical-workshops, Robotics and Mechanical events.
- The only of its type in the state of Odisha, bringing you a fiesta for the stream of Production Engineering, adventing with a bunch of events from various contexts like Literature, Technology, Cultures, Art and Craft as well as Physical recreation.
- Setting up dais for a top-notch combination of learning minds and tapping foots rejoicing in the rich cultural vibes of the Institute, providing opportunities to flaunt talents and pull up skills with vibrance.



# MEGA EVENTS

## TECH TALK

Find your potential, learn something new, shift your perspectives, broaden your technical knowledge and know what's possible with the best enlightened veterans.



## RACE FOR THE GLORY

Build your machine to have maximum speed to beat another machine on given track to reach the final destination in minimal time. You have to construct a bot-travelling over different terrain and fun overcoming obstacle as well as the other parameters being with in the time. Thus the bot with most cumulative points will win.

## A WORKSHOP ON IOT

Internet of Things is a new revolution of the Internet. A world where the real, digital and the virtual are converging to create smart environments that make energy, transport, cities and many other areas more intelligent. A device become a smart device is called IOT. Now a days there are many android and server based application. In this system, value of sensor (e.g. Temperature Sensor, Motion Sensor, Accelerometer Sensor etc.) will be shown on GUI or Web Server or Android application through wireless communication and device will be controlled automatically, which will be operated on Wifi/GPRS.



## FUSION COMBAT

Sumo robot contest features to robot trying to push each other out of the ring. The competition are non-destructive family friendly and great learning experiences.

Two manual robot are placed in a ring. The robot try to avoid falling out or avoid being pushed out by the opponent robot. The first robot that touches the outside of the ring will loose points.

These manual controlled robot can be made out of any material any size of electric motor.

## GAMING

The gaming events are not for the faint of heart. They're for the ones among us who spend hours practicing platformer speedruns, the ones who can recognize an enemy's gun by its sound, the one who've analysed every possible synergy in creating their Pokémon team, the ones whose blood runs cold when they're down to their last life, and the ones who even in their sleep dream of falling Tetris blocks.



## DJ NIGHT

Put on your groovy threads, hustle to the bam letting the beats conquer thy heartbeat its time for the hype!!! Come and have a blast with us.

## STAR NIGHT

Under the star's light, with the rhythm right, submerge into the ocean of melody. Hold your breaths and come to witness the stunning performance by a celebrated artist in a well synchronized arena.



# WHY SPONSOR US

To take a plan to action, capital is important and we in team vyroba value it very well. Every bit of your contribution goes towards all round development of young Engineering students by workshops and various events. Further it brings opportunities as we are bringing students of Production Engineering from a wide number of distant colleges, which enables you to connect to a mass of audience at the closest level.

## SPONSORSHIP CATEGORIES

Eligibility	Title Sponsor (50,000 or more)	Co-Sponsor (30,000 or more)	Associate Sponsor (10,000 or more)	Event Sponsor (2,000 to 10,000)
Souvenir Sponsorship Brochure	*	*	*	*
Banner, Poster	*	*	*	*
Social Media Promotion	*	*	*	
Announcement During Events	*	*	*	
Merchandise, Event passed	*	*		
Official Website	*	*	*	*
Off Campus Promotions (Includes Promotion in Shopping Malls, Eminent Colleges)	*			*

# PARTNERSHIP CATEGORIES

- Hospitality Partner
- Food Partner
- Telecom Partner
- Print and Media Partner
- Travel Partner
- Drink and Beverage Partner
- Educational Partner
- Style and Fashion Partner
- Transportation Partner



# ECONOMIC MODEL OF THE BUDGET

Technical  
Events  
**30%**

Star & Pro  
Shows  
**28%**

Travel &  
Hospitality  
**20%**

Stage  
Setup  
**12%**

Light &  
Sound  
**10%**



# Contact Details

## Convenor

**Mr. Himansu Sekhar Dash**  
(Asst. professor)

+91 9160497096

dashhimansu0237@gmail.com

## Sponsorship Head

**Mr. Haraprasanna Routray**

+91 9078382208

## Public Relation Coordinator

**Mr. SAMBIT KU. BARPANDA**

+91 7978376339

## Chief Coordinator

**Mr. Amanraj Sahu**

+91 7008362673

**Miss Swati Kanungo**

+91 8249196875

## Account Details for VYORBA 2020

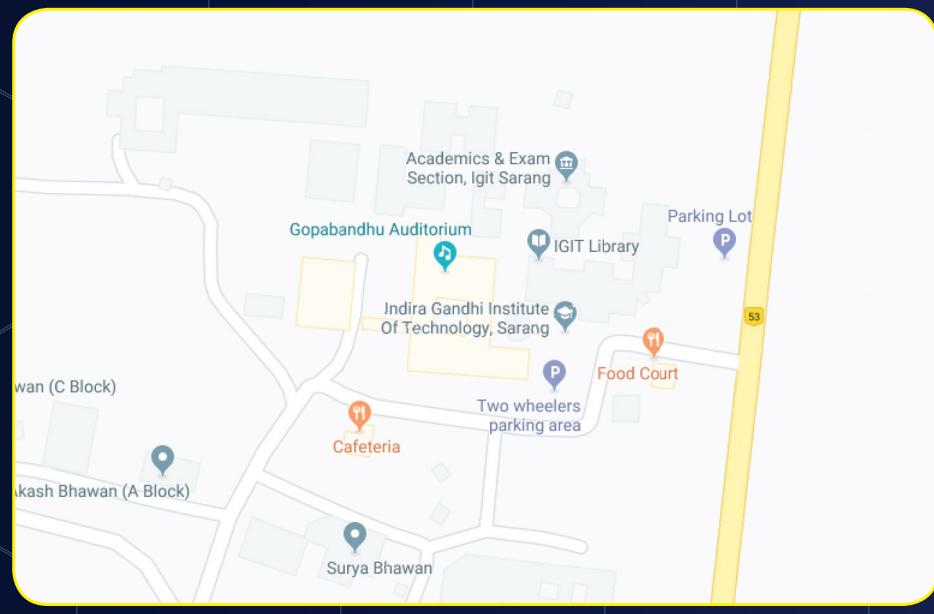
Bank Name: **SBI, IGIT Saranga**

Account Name: **Production Engg. Society**

Account Number: **37271827992**

IFSC Code: **SBIN0010246**

CIF Number: **90014589216**



Indira Gandhi Institute of  
Technology  
Sarang, Dhenkanal  
Odisha-759146



/ vyroba.pes



/ Vyroba 2020



vyroba.pes@gmail.com



www.vyroba.in