

5.1.2 Following capacity development and skills enhancement activities are organised for improving students' capability

1. Soft skills

2. Language and communication skills

3. Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)

4. Awareness of trends in technology

Year	Name of the capacity development and skills enhancement program	Period (from date to date)	Number of students enrolled	Name of the agencies/experts involved with contact details (if any)
2023	Expert lecture on teaching technical english	14-10-2023	200	Dr. Arvind kumar Sunil, Professor & Head, Department of English, Gaya college, Gaya- Bihar
2023	Awarness Program - DRUG FREE NATION	19-02-2023	325	SITYOG Institute of Technology & Public Administration
2023	Awarness Program -END DOWRY SYSTEM	19-02-2023	325	SITYOG Institute of Technology & Public Administration
2023	One day seminar on Awareness Program on Bihar Start-up Policy	20-07-2023	300	Shri. Shivendra kumar, Financial Consultant, Govt. of Bihar.
2023	One day seminar on Functional Engineering Nanomaterials and its application from Engineering to Nanomedicine	16-07-2023	386	Dr. Rakesh Kumar Singh, Head of Nanotechnology center, Aka- Patna Former Registrar.
2023	Expert talk on Petroleum and Explosive Safety program	07-12-2023	298	Shri Shivchandra D mishra, Controller of Explosive, Petroleum and Explosive Safety Organization
2023	One day seminar on Health Awarness program	07-12-2023	298	1. Dr. B. K Singh, MD, FICP 2. Dr. Harsh Vardhan, Nephrologists-MD,DM,FAS Designation- Assitant Professor Nephology & Director Renal Science 3. Dr. Saket, Gastroentrolgist:MS,MCh,FACS 4. Dr. Abhishek kumar Das, orthopedic: FSCS Tr & Ortho(England) ,MS, Ortho(Mumbai), MCh(UK), FBOT(Germany), MRCS, DNB) Consultant , orthopedic 5. Dr. Ravi Shankar , Oncologist: DNB, MRCP- SCE(UK), ESMO(Europe) consultant , Medical Oncology



2023	One day seminar on Application of power Electronics in Modern Era	09-12-2023	350	Dr. Ambarisha Mishra Assistant Professor National Institute of Technology, Patna
2023	One day seminar on Financial Education" Wealth management & Role of Prudent Investor in India"	14-09-2023	250	Sangram Keshari Sahoo Sr. Corporate Trainer -financial Service
2023	Two Days online workshop on Data science using Python Program	14-09-2023 To 15-09-2023	356	Dr. Rakesh Roshan Assistant Professor Dept. of Computer Science Anurag University- Hyderabad
2023	One day seminar on Quality management using NDT in Road Construction	15-09-2023	300	Dr. Sanjeev Kumar Suman Assistant Professor National Institute of Technology, Patna
2023	One day Expert Lecture on Power plant Engineering	15-09-2023	360	Dr. Arun kumar Associate Professor Dept. of Mechanical Engineering National Institute of Technology, Patna
2022	One day Webinar on Power System Scenario	14-02-2022	300	Dr. D. P Kothari Honorary Adjunct Professor VNIT, Nagpur Former Director i/c IIT Delhi
2022	One day Webinar on Python tkinter-A privilege For GUI	19-02-2022	359	Prof. Shridhar B. Dandin Dean, Sarla Birla University Kumar Yoyendra Narayan Singh Special Public Prosecutor, Excise Govt. of Bihar
2022	One day seminar on De- Addition	24-11-2022	205	
2022	One day online workshop on Electrical Vehicle Design & Development	18-12-2022	218	INDUSTRIES HELPING HANDS Experts from IITs And NITs
2022	Awarness Program -PROHIBITION OF LIQUOR	24-11-2022	310	SITYOG Institute of Technology & Public Administration
2022	Awarness Program -SAVE ENVIRONMENT	17-12-2022	300	SITYOG Institute of Technology & Public Administration



*Sujesh Kumar*

2021	One day seminar on How to Boot up a Tech Startup	02-02-2021	189	Mr. Sumit Ranjan ,CEO and Founder - QAUSSARIAN, India
2021	One day seminar on Current Scenarion of Energy distribution in India	21-03-2021	175	Dr. Arun kumar & Dr. Amit kumar Associate Professor Dept. of Mechanical Engineering National Institute of Technology, Patna
2021	One day Webinar on Ledarship Development	23-11-2021	186	Mr. Lalit Mishra Head of HRD Gopal Narayan Singh University
2020	Three days Webinar on NANOSCIENCE & TECHNOLOGY	16-09-202 to 18-09-2020	125	Department of Basic Science & Humanities, Rajagir School of Engineering and Technology



*Rajesh Kumar*

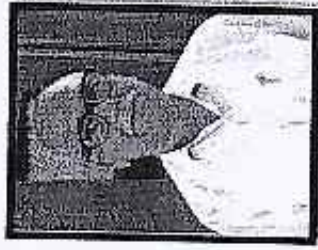


**SITYOG**  
**INSTITUTE OF**  
**TECHNOLOGY**  
 Aurangabad-  
 Bihar

**Expert Lecture**  
 On

## Teaching Technical English

**OCTOBER 14, 2023**  
 Time: 11:00 am onwards



**Speaker**

**Dr. ARVIND KUMAR SUNIL**  
 Professor & Head  
 Department of English  
 Gaya College, Gaya - Bihar

*Organized by*  
 Department of Applied Science  
 SITYOG Institute of Technology,  
 Aurangabad- Bihar

## About the Institute

**SITYOG Institute of Technology** is an educational institution that specializes in providing undergraduate and Diploma education in various fields of engineering. We offer programs in disciplines such as civil engineering, mechanical engineering, electrical engineering, computer science and engineering, BBA, BCA and BA (J&MC)

- Lower translation costs due to increased suitability for computer-assisted translation tools
- Better understanding of documentation by non-native English speakers
- Lower risk of mistakes and error
- Increased safety

Patron

**Dr. RAJESH KUMAR SINGH**  
 Secretary

Sityog Institute of Technology  
 (Aurangabad)

**SRI K. Y. NARAYAN SINGH**  
 Chairman

Sityog Institute of Technology  
 (Aurangabad)

Organizing committee

**Mr. SURAJ**  
 Assistant Professor

Department of Mechanical Engineering  
 SITYOG Institute of Technology

**Dr. RENU SINGH**  
 Assistant Professor

Department of Applied Science  
 SITYOG Institute of Technology

**Dr. SWETA SINHA**  
 Assistant Professor

Department of Mechanical Engineering  
 SITYOG Institute of Technology

Registration Charges: NIL  
 Spot registration is allowed.

## Introduction:

Technical English provides English language, instruction for students who are following technical and vocational education. It is considered as language of business technology and innovation also.

## Who can attend?

Eligible Courses – For Graduation & Diploma Students.

Eligible Branches – Electrical, Computer Science, civil and Mechanical for B. Tech students (From 1st to 8th Semester). For diploma, (From 1st to 6th Semester).

## Mission

The objectives of the Seminar are to understand:

- **Accessibility.** It makes information available to a global audience.
- **Compliance.** It ensures adherence to international laws and regulations.
- **Market Penetration.** It facilitates entry into new markets by overcoming language barriers.
- **Customer Satisfaction.** It provides clients fully understand the products and services they are buying.
- **Clear structure, higher repetitio**





# SITYOG INSTITUTE OF TECHNOLOGY

Growth Center, Jasoiya More, Aurangabad (Bihar) – 824102

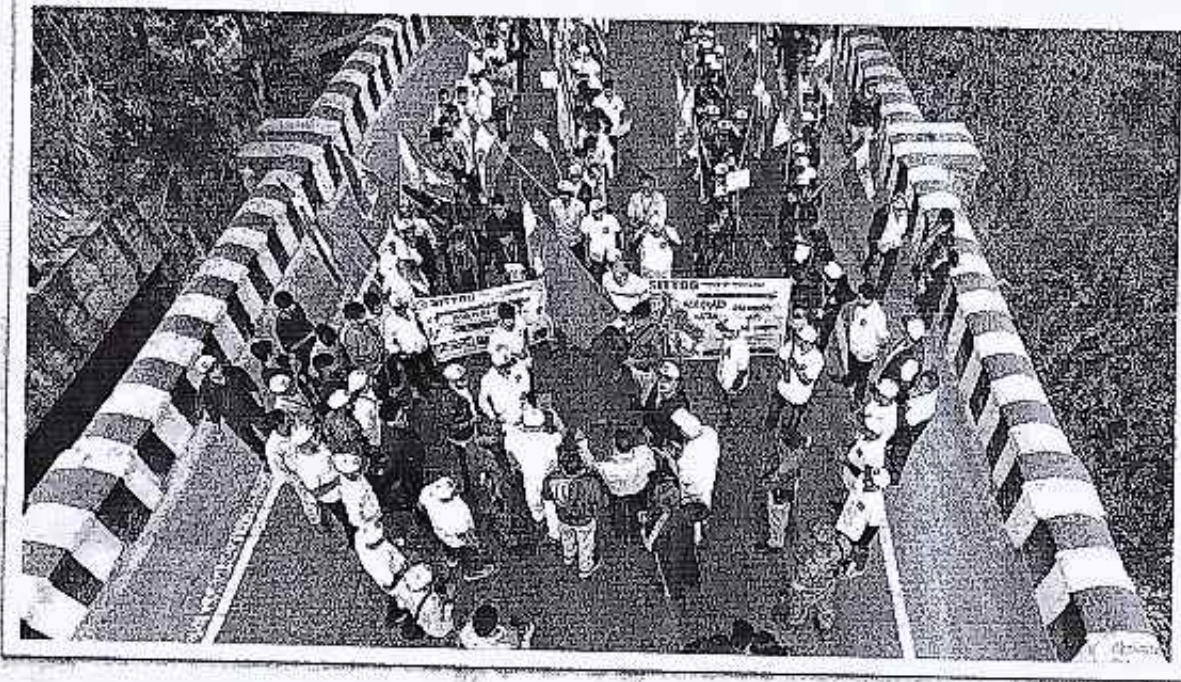
Approved By AICTE under Govt. of India (Ministry of HRD),

Affiliated to Aryabhata Knowledge University, Patna/ Bihar Engineering University, Patna

Phone: 9322698410, 9308392310 E-Mail: [sityogengg@yahoo.com](mailto:sityogengg@yahoo.com), Website: [www.sityog.edu.in](http://www.sityog.edu.in)

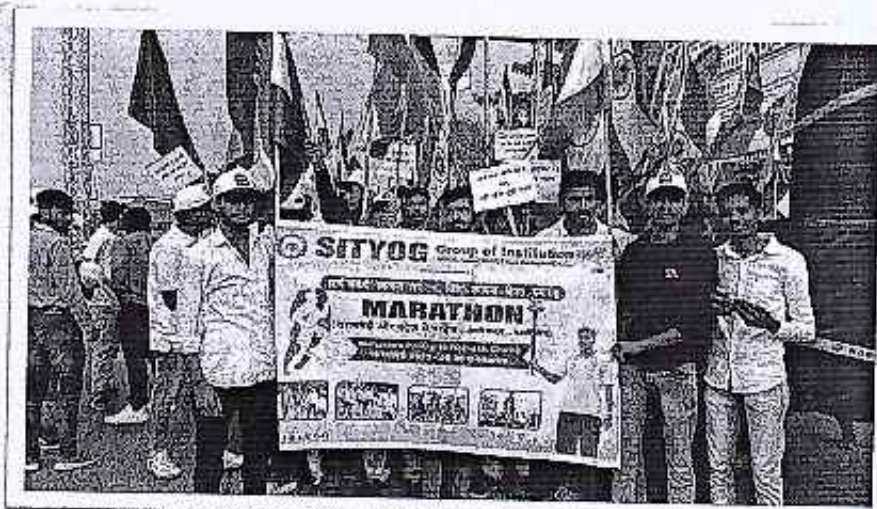
## Awareness Program- DRUG FREE NATION

- Celebrating an Awareness Program for a Drug-Free Nation is typically driven by a variety of important reasons and goals. Here are some common reasons why institutions might organize and celebrate such programs:



## Awareness Program- END DOWRY SYSTEM


- The celebration of an awareness program aimed at ending the dowry system typically stems from a commitment to social change and the recognition of the negative impact of dowry practices on individuals and society. Here are some reasons why institutions might celebrate such awareness programs:



**SITYOG**  
**INSTITUTE OF**  
**TECHNOLOGY**  
Aurangabad- Bihar

**ONE DAY SEMINAR**  
On  
**Awareness Program on**  
**Bihar Start-Up Policy**

**July 20, 2023**

Seminar conducted by  
  
बिहार राज्य  
भारत सरकार & Dept. of Industries  
Govt. of Bihar

**STARTUP**  
**BIHAR**

Workshop Speaker  
**Shri Shivendra Kumar**  
Financial Consultant  
Startup Bihar  
Government of Bihar

**Shri Arvind Kumar**  
Industries Extension Officer  
DIC- Aurangabad, Bihar  
*Organized By*  
Department of Mechanical Engineering  
Department of Electrical Engineering

**Introduction:**

Bihar is progressing fast on the track of development, with unremitting efforts being made towards strengthening infrastructure and promoting industrial growth. The government of Bihar is committed to improve competitiveness of the state's economy and achieving inclusive growth. Start-ups and Innovation plays key role in economic growth. This can be realized by promoting innovation and creating an ecosystem that nurtures start-ups from concept to commissioning. Apart from creating jobs, start-ups focus on innovation to create next gen solutions which bring economic dynamism.

**Who can attend?**

Eligible Courses – For Graduation & Diploma Students.

Eligible Branches - Mechanical, Electrical, Electronics, Electrical & Electronics, Civil, Chemical, Automobile, Mechatronics & Others. (From 1st to 6th Semester). For diploma, (From 1st to 8th Semester) For B.Tech students.

**Mission**

Support startups by seed funding as well as matching grants to increase their viability  
Facilitate Entrepreneurship Development Centers and Entrepreneurship Facilitation Centers to increase awareness and promote entrepreneurship amongst the youth.  
Encourage Entrepreneurship through education by introducing learning modules in the University/ Schools, MOOC (Massive Open Online Courses), internships amongst others.  
Facilitate development of new and support expansion of existing incubators/common infrastructure spaces/Coworking spaces!

Enable hassle-free and time bound statutory clearances for startups.  
Provide appropriate institutional support to enable the nurturing of startups including mentoring, hand-holding and training/orientation visits.

**CHIEF PATRON:**

**Dr. RAJESH KUMAR SINGH**  
Director

SITYOG Institute of Technology (Aurangabad)

**COORDINATOR:**

**Mr. SURAJ**  
Assistant Professor

Department of Mechanical Engineering  
SITYOG Institute of Technology (Aurangabad)

**Dr. Sweta Sinha**  
Assistant Professor

Department of Applied Science  
SITYOG Institute of Technology (Aurangabad)

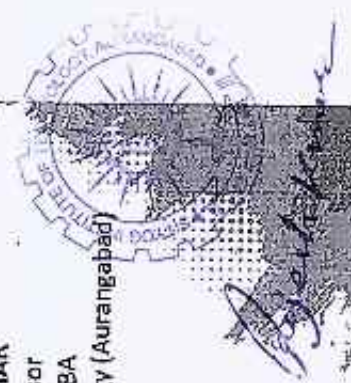
**MR. ASHWINI MISHRA**  
Assistant Professor

Department of Electrical Engineering  
SITYOG Institute of Technology (Aurangabad)

**MR. VIKASH KUMAR**  
Assistant Professor

Department of BBA  
SITYOG Institute of Technology (Aurangabad)

**Registration Charges: NIL**





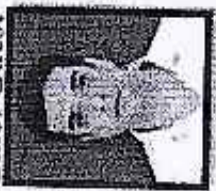
**SITYOG  
INSTITUTE OF  
TECHNOLOGY**  
Aurangabad- Bihar

**ONE DAY SEMINAR**  
On

**Functional Engineering Nanomaterials  
and its application from electronics to  
Nanomedicine**

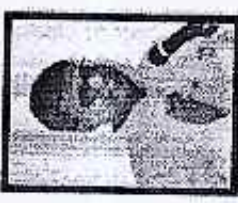
**JULY 16, 2023**

**Chief Guest**



**Sri Rishi Kumar**  
MLA, Vidhan Sabha  
Obra, Aurangabad, Bihar

**Speaker**



**Dr. Rakesh Kumar Singh**  
Head of Nanotechnology Centre,  
AKU - Patna Former Registrar  
Aryabhatta Knowledge University - Patna

**About the Institute**

**SITYOG Institute of Technology** is an educational institution that specializes in providing undergraduate and Diploma education in various fields of engineering. We offer programs in disciplines such as civil engineering, mechanical engineering, electrical engineering, computer science and engineering, BBA, BCA and BA (J&MC)

**Introduction:**

Nanotechnology is very specific and highly specialized fields having multi-disciplinary applications like applied science, mechanical, electrical, thermal, material science, space, medicine, automation, civil, etc. It has strong socio-economic relevance to provide novel solution for improved results in all domains.

**Who can attend?**

Eligible Courses - For Graduation & Diploma Students.  
Eligible Branches - Mechanical, Electrical, Electronics, Electrical & Electronics, Civil, Chemical, Automobile, Mechatronics & Others.  
(From 1st to 6th Semester) For diploma, (From 1st to 8th Semester) For B.Tech students.

**Mission**

The objectives of the Seminar are:

- To introduce the basic concepts and understanding the importance and relevance of Nanotechnology in today's world of engineering as well as medical science
- To encourage interaction of experts with the target audience including UG/ PG students and faculty members to put forth its relevance in field of engineering.
- To give environment wherein experts will share ideas about current trends and interest fields of nanotechnology in specific fields to bring awareness for research and academic progress and
- To give exposure to current status of research in Nanoscience &

nanotechnology. Mentoring, hand-holding and training/orientation visits.

**Registration Charges: NIL**  
**Spot registration is allowed.**

**Patron**

**Dr. Rajesh Kumar Singh**  
Secretary  
Sityog Institute of Technology (Aurangabad)

**Sri Kumar Yogendra Narayan Singh**  
Chairman  
Sityog Institute of Technology (Aurangabad)

**Organizing secretary**

**Mr. Suraj**  
Assistant Professor  
Department of Mechanical Engineering  
SITYOG Institute of Technology (Aurangabad)

**Organizing committee**

**Dr. Sweta Sinha**  
Assistant Professor  
Department of Applied Science  
SITYOG Institute of Technology (Aurangabad)

**Mr. Valbhav Kumar**  
Assistant Professor  
Department of Mechanical Engineering  
SITYOG Institute of Technology (Aurangabad)

**Mr. Ashwini Mishra**  
Assistant Professor  
Department of Electrical Engineering  
SITYOG Institute of Technology (Aurangabad)  
*Organized By*

**Department of Applied Science Department of  
Mechanical Engineering  
Department of Electrical Engineering**



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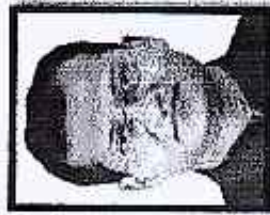
**SITYOG**  
**INSTITUTE OF**  
**TECHNOLOGY**  
Aurangabad- Bihar

**Expert Talk**  
On  
**Petroleum and Explosives**  
**Safety Program**

*Motto –“Safety First “*

**JULY 12, 2023**

**Speaker**



**Sri Shivchandra D Mishra**  
Controller of Explosives, Petroleum and  
Explosives safety organization

**About the Institute**

SITYOG Institute of Technology is an educational institution that specializes in providing undergraduate and Diploma education in various fields of engineering. We offer programs in disciplines such as civil engineering, mechanical engineering, electrical engineering, computer science and engineering, BBA, BCA and BA (J&MC)

**Introduction:**

The Petroleum & Explosives safety organization ((PESO), formerly known as Department of Explosives has been serving the nation as a nodal agency for requesting safety of hazardous substances such as explosives, compressed gases and petroleum.

**Who can attend?**

Eligible Courses – For Graduation & Diploma Students.

Eligible Branches - Mechanical, Electrical, Electronics, Electrical & Electronics, Civil, Chemical, Automobile, Mechatronics & Others. (From 1st to 6th Semester). For diploma, (From 1st to 8th Semester) For B.Tech students.

**Mission**

The objectives of the Seminar are:

- To introduce regulations and standards of PESO related to the storage, handling and usage of petroleum, petroleum products and explosives to prevent accidents and protect accidents
- To create safety awareness amongst the public about explosives.
- To give environment wherein expert will share ideas about current trends and interest fields of Petroleum & explosive safety program.

**Patron**

**Sri KUMAR YOGENDRA NARAYAN SINGH**  
Chairman  
Sityog Institute of Technology (Aurangabad)

**Dr. RAJESH KUMAR SINGH**  
Secretary  
Sityog Institute of Technology (Aurangabad)

**Organizing committee**

**Dr. SWETA SINHA**  
Assistant Professor  
Department of Applied Science  
SITYOG Institute of Technology (Aurangabad)

**Ms. SADHANA**  
Assistant professor  
Department of Computer Science  
Sityog Institute of Technology, Aurangabad - Bihar

**Mr. VIKAS KUMAR**  
Assistant professor  
Department of Bachelor of Business Administration  
Sityog Institute of Technology, Aurangabad – Bihar

**Registration Charges: NIL**  
**Spot registration is allowed.**

**Venue: Sityog Institute of Technology,**  
**Aurangabad - Bihar**

**Time: Morning Session (09 a.m. Onwards)**







**SITYOG  
INSTITUTE OF  
TECHNOLOGY**  
Aurangabad- Bihar

**ONE DAY SEMINAR**  
On

**Health Awareness Program**  
**JULY 12, 2023**

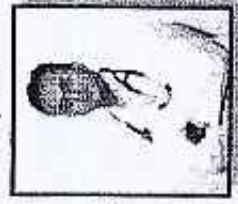
Seminar conducted by



Speakers



**Dr. B. K. Singh**  
MD, FICP



**Dr. Harsh Vardhan**  
Nephrologists-MD, DM, FAS  
(Designation – Assistant Professor Nephrology &  
Director Renal Sciences



**Dr. Saket**  
Gastroenterologist: MS, MCh, FACS



**Dr. Abhishek Kumar Das**  
Orthopedic: FRCS Tr & Ortho(England), MS  
Ortho(Mumbai), MCh(UK), FBOI(Germany), MRCS, DNB)  
Consultant, orthopedic



**Dr. Ravi Shankar**  
Oncologist: DNB, MRCP-SCE (UK), ESMO  
(Europe) Consultant, Medical Oncology

**Who can attend?**

Eligible Courses – For Graduation & Diploma Students.  
Eligible Branches - Mechanical, Electrical, Electronics  
Electrical & Electronics, Civil, Chemical, Automobile,  
Mechatronics & Others. (From 1st to 6th Semester). For  
diploma, (From 1st to 8th Semester) For B.Tech students.

**Mission**

Here participant will understand and will be able to interact  
on following Health issues with expert speakers (Doctors).

- Renal Transplantation, Transplant Immunology  
& Glomerulonephritis
- Joint Replacement, Arthroscopy & Trauma
- Medical oncology
- Liver transplantation

Registration Charges: NIL

**PATRON**

**Dr. RAJESH KUMAR SINGH**  
Secretary

Sityog Institute of Technology, Aurangabad – Bihar

**Sri KUMAR YOGENDRA NARAYAN SINGH**  
Chairman

Sityog Institute of Technology (Aurangabad)

**ORGANIZING COMMITTEE**

**Dr. SWETA SINHA**  
Assistant Professor  
Department of Applied Science  
Sityog Institute of Technology, Aurangabad - Bihar

**Ms. SADHANA**  
Assistant professor  
Department of Computer Science  
Sityog Institute of Technology, Aurangabad - Bihar

**Mr. VIKAS KUMAR**  
Assistant professor  
Department of Business Administration  
Institute of Technology, Aurangabad, Bihar



**About the Institute:**

SITYOG Institute of Technology is an educational  
institution that specializes in providing undergraduate and  
Diploma education in various fields of engineering. We  
offer programs in disciplines such as civil engineering,  
mechanical engineering, electrical engineering, computer  
science and engineering, BBA, BCA and BA (I&MC).

**Introduction:**

This Seminar aimed at promoting knowledge,  
understanding, and positive behavior changes related to  
health and well-being. This Seminar is designed to  
increase awareness of various health issues, encourage  
healthy habits, and empower individuals to make informed  
choices about their health.

**SITYOG**

**INSTITUTE OF  
TECHNOLOGY**

Aurangabad-Bihar

**ONE DAY SEMINAR**

On

**Application of Power  
Electronics in Modern Era**

**SEPTEMBER 12, 2023**

**Speaker**



**Dr. Ambarisha Mishra**

Assistant Professor

National Institute of Technology, Patna

Organized by

Department of Electrical Engineering  
SITYOG Institute of Technology,  
Aurangabad, Bihar

### About the Institute

SITYOG Institute of Technology is an educational institution that specializes in providing undergraduate and Diploma education in various fields of engineering. We offer programs in disciplines such as civil engineering, mechanical engineering, electrical engineering, computer science and engineering, BBA, BCA and BA (J&MC)

### Introduction:

Power electronics is the branch of electrical engineering that deals with the processing of high voltages and currents to deliver power that supports a variety of needs. Power electronics is the application of electronics to the control and conversion of electric power.

### Who can attend?

Eligible Courses - For Graduation & Diploma Students.

Eligible Branches - Electrical, Electronics, Electrical & Electronics. (From 1st to 8th Semester) For B.Tech students.. For diploma, (From 1st to 6th Semester)

### Mission

The objectives of the Seminar are:

- To introduce the basic concepts and understanding the importance of Semiconductor applications.
- To encourage in research work of experts with the target audience including UG/ PG students and faculty members to put forth its relevance in field of engineering.
- To give environment wherein experts will share ideas about current trends and Application of Power Electronics in specific fields to bring awareness for research and academic progress.

Patron

**Dr. Rajesh Kumar Singh**

Secretary

Sityog Institute of Technology (Aurangabad)

**Sri Kumar Yogendra Narayan Singh**

Chairman

Sityog Institute of Technology (Aurangabad)

Organizing secretary

**Mr. Suraj**

Academic Dean

Department of Mechanical Engineering

SITYOG Institute of Technology (Aurangabad)

Organizing committee

**Mr. Ashwini Kumar Mishra**

Assistant Professor

Department of Electrical Engineering

SITYOG Institute of Technology (Aurangabad)

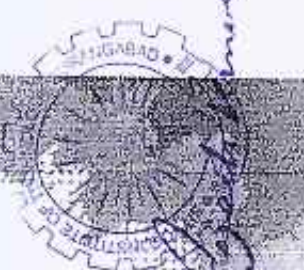
**Mr. Amrit Kumar**

Assistant Professor

Department of Electrical Engineering

SITYOG Institute of Technology (Aurangabad)

Registration Charges: NIL  
Spot registration is allowed.



**SITYOG  
INSTITUTE OF  
TECHNOLOGY**  
Aurangabad-Bihar



**ONE DAY SEMINAR**  
On

**FINANCIAL EDUCATION**

**“Wealth Management & Role of Prudent  
Investor in India”**

**SEPTEMBER 14, 2023**  
Timing – 03:00 to 04:00 PM

**Speaker**



**Sangram Keshari Sahoo**  
**Sr. Corporate Trainer-**  
**Financial services**

**Organized by**  
**Department of Business Administration**  
**SITYOG Institute of Technology,**  
**Aurangabad, Bihar**

**About the Institute**  
SITYOG Institute of Technology is an educational institution that specializes in providing undergraduate and Diploma education in various fields of engineering. We offer programs in disciplines such as civil engineering, mechanical engineering, electrical engineering, computer science and engineering, BBA, BCA and BA (J&MC)

**Introduction:**  
The administration of a business includes the performance or management of business operations and decision-making, as well as the efficient organization of people and other resources to direct activities towards common goals and objectives. In general, “administration” refers to the broader management function, including the associated finance, personnel and MIS services.

**Who can attend?**  
All Faculty Members & Staff  
Eligible Branches – All Branches (B.Tech / Diploma / BBA / BCA / BA / J&MC)

**Mission**  
The objectives of the Seminar are:

- Empower Indians to achieve their life goals through the prudent and informed management of their financial resources.
- Help instil in all Indians the commitment to save toward the realization of their financial goals and their future financial security.
- Assist consumers in understanding and actively participating management of their investment.
- Better prepare all Indians for retirement years.

**Patron**

**Dr. Rajesh Kumar Singh**  
**Secretary**  
Sityog Institute of Technology (Aurangabad)

**Sri Kumar Yogendra Narayan Singh**  
**Chairman**  
Sityog Institute of Technology (Aurangabad)

**Organizing secretary**

**Mr. Suraj**  
**Academic Dean**  
Department of Mechanical Engineering  
SITYOG Institute of Technology (Aurangabad)

**Organizing committee**

**Mr. Kuanan Kumar**  
**Assistant Professor**  
Department Business Administration  
SITYOG Institute of Technology (Aurangabad)

**Mr. Vikas Kumar**  
**Assistant Professor**  
Department Business Administration  
SITYOG Institute of Technology (Aurangabad)

**Ms. Nisha Pathak**  
**Lecturer**  
Department Business Administration  
SITYOG Institute of Technology (Aurangabad)

**Registration Charges: NIL**  
**Spot registration is allowed.**

**Register in advance for this meeting**  
[https://zoom.us/join/registrant/WN\\_Kingfisher](https://zoom.us/join/registrant/WN_Kingfisher)  
QSOZUA-YBMZPYA



**SITYOG**

**INSTITUTE OF  
TECHNOLOGY** Aurangabad-  
Bihar

## **TWO DAYS ONLINE WORKSHOP**

**On  
Data Science using Python  
Program**

**From**

**Sept 14, 2023**

**To**

**Sept 15, 2023**

**Time: 12:00 PM – 01:00 PM**

*Seminar conducted by*



**Speaker**

**Dr. Rakesh Roshan**

Assistant Professor  
Department of Computer Science  
Anurag University, Hyderabad

*Organized By*

**Department of Computer Science and  
Engineering**

### **Introduction:**

Data science is the study of data to find insights that can help businesses make decisions. It's a multidisciplinary field that combines mathematics, statistics, artificial intelligence, and computer engineering. Data science uses scientific methods, processes, algorithms, and systems to extract knowledge from structured and unstructured data.

This data science with Python tutorial will help you learn the basics of Python along with different steps of data science according to the need of 2023 such as data preprocessing, data visualization, statistics, making machine learning models, and much more with the help of detailed and well-explained examples.

### **Who can attend?**

Eligible Courses – For Graduation & Diploma Students.

Eligible Branches – Computer Science, Mechanical, Electrical, Electronics, Electrical & Electronics, Civil & Others. (B.Tech All Semesters), Diploma and BCA (Semester 1 to 6).

### **Mission**

To create an holistic approach to a higher Quality of Life through multi-faceted tools of PYTHON for DATA SCIENCE with ONE PHILOSOPHY. To achieve this in the shortest time frame by practicing an 'inclusive philosophy', which would attract 'Best Minds' to gravitate towards 'Global Excellence', with a view towards a momentous dream!

### **Chief Patron:**

**SRI KUMAR YOGENDRA NARAYAN SINGH**  
Chairman

SITYOG Institute of Technology (Aurangabad)

**Dr. RAJESH KUMAR SINGH**

Secretary

SITYOG Institute of Technology (Aurangabad)

### **Organizing Secretary**

**Mr. SURAJ**

Assistant Professor

Department of Mechanical Engineering

SITYOG Institute of Technology (Aurangabad)

### **Organizing Committee:**

**Dr. S K JHA**

Associate Professor

Department of Computer Science

SITYOG Institute of Technology (Aurangabad)

**MR. S K OJHA**

Assistant Professor

Department of Computer Science

SITYOG Institute of Technology (Aurangabad)

**MR. SAURABH KUMAR**

Assistant Professor

Department of Computer Science

SITYOG Institute of Technology (Aurangabad)

### **Registration Link:**

<https://forms.gle/dy79ffg7SNCyqTmo6>

### **Meeting Link:**

[https://us04web.zoom.us/j/77470338722?](https://us04web.zoom.us/j/77470338722?pwd=mQa8ROKsCX9s7bv4TeLaWp79y8PFI)  
[pwd=mQa8ROKsCX9s7bv4TeLaWp79y8PFI](https://us04web.zoom.us/j/77470338722?pwd=mQa8ROKsCX9s7bv4TeLaWp79y8PFI)  
N.1



**Quality Management using  
NDT in Road Construction**

**SEPTEMBER 15, 2023**

**Speaker**



**Dr. Sanjeev Kumar Suman**  
Assistant Professor  
National Institute of Technology, Patna

**Organized by**

**Department of Civil Engineering**  
**SITYOG Institute of Technology,**  
**Aurangabad, Bihar**

**About the Institute**

**SITYOG Institute of Technology** is an educational institution that specializes in providing undergraduate and Diploma education in various fields of engineering. We offer programs in disciplines such as civil engineering, mechanical engineering, electrical engineering, computer science and engineering, BBA, BCA and BA (J&MC)

- Specific fields to bring awareness for research and academic progress.

**Patron**

**Dr. Rajesh Kumar Singh**  
Secretary

Sityog Institute of Technology (Aurangabad)

**Sri Kumar Yogendra Narayan Singh**  
Chairman

Sityog Institute of Technology (Aurangabad)

**Organizing secretary**

**Mr. Suraj**  
Academic Dean

Department of Mechanical Engineering  
SITYOG Institute of Technology (Aurangabad)

**Organizing committee**

**Mr. Rajeev Nayan**  
Assistant Professor

Department of Civil Engineering  
SITYOG Institute of Technology (Aurangabad)

**Mr. Vikrant Kumar**  
Assistant Professor

Department of Civil Engineering  
SITYOG Institute of Technology (Aurangabad)

**Introduction:**

Highway engineering is an engineering discipline branching from civil engineering that involves the planning, design, construction, operation, and maintenance of roads, bridges, and tunnels to ensure safe and effective transportation of people and goods. The book Highway Engineering includes the main topics and the basic principles of highway engineering and provides the full scope of current information necessary for effective and cost-conscious contemporary highway..

**Who can attend?**

Eligible Courses - For Graduation & Diploma Students.

Eligible Branches - Civil Engineering, (From 1st to 8th Semester) For B.Tech students.. For diploma, (From 1st to 6th Semester)

**Mission**

The objectives of the Seminar are:

- To introduce the basic concepts and understanding the importance of Road construction.
- To encourage in research work of experts with the target audience including UG/ PG students and faculty members to put forth its relevance in field of engineering.
- To give environment wherein experts will share ideas about current trends and Application of road construction in

**Registration Charges: NIL.**  
Spot registration is allowed.

**Registration link**  
<https://mccet.google.com/galt-ress-bjc>





**SITYOG**  
**INSTITUTE OF**  
**TECHNOLOGY**  
Aurangabad- Bihar

## Expert Lecture

On

## Power Plant Engineering

SEPTEMBER 15, 2023

Time: 12:00pm onwards

Speaker



**Dr. ARUN KUMAR**  
Associate Professor

Department of Mechanical Engineering  
National Institute of Technology- Patna

Organized by

Department of Mechanical Engineering  
SITYOG Institute of Technology,  
Aurangabad- Bihar

Department of Electrical Engineering  
SITYOG Institute of Technology,  
Aurangabad- Bihar

## About the Institute

SITYOG Institute of Technology is an educational institution that specializes in providing undergraduate and Diploma education in various fields of engineering. We offer programs in disciplines such as civil engineering, mechanical engineering, electrical engineering, computer science and engineering, BBA, BCA and BA (J&MC)

## Introduction:

Power plant engineering is one of the techniques of art that we can study, use, repair, preserve, operate and place in the machines and equipment of the power plant. Power Plant Engineering also discusses power generation, transmission, distribution, and its use.

## Who can attend?

Eligible Courses - For Graduation & Diploma Students.  
Eligible Branches - Electrical and Mechanical For B.Tech students (From 1st to 8th Semester). For diploma. (From 1st to 6th Semester).

## Mission

The objectives of the Seminar are to understand

- First Law of Thermodynamics
- Second law of thermodynamics
- Types of power plants.

Power plant operation and maintenance consists of optimizing the efficiency and power output of power plants and ensuring long term operation.

Patron

**Dr. RAJESH KUMAR SINGH**  
Secretary  
Sityog Institute of Technology  
(Aurangabad)

**SRI K. Y. NARAYAN SINGH**  
Chairman

Sityog Institute of Technology  
(Aurangabad)

Organizing committee

**Mr. SURAJ**  
Principal In-charge  
Department of Mechanical Engineering  
SITYOG Institute of Technology

**Mr. ASHWINI KUMAR MISHRA**  
Assistant Professor  
Department of Electrical Engineering  
SITYOG Institute of Technology

**Mr. RAJU RAJ KUMAR**  
Lecturer  
Department of Mechanical Engineering  
SITYOG Institute of Technology

Registration Charges: NIL  
Spot registration is allowed.





# SITYOG Institute of Technology

Dept. of eLElectrical Engineering

ORGANISE

## WEBINAR

ON

### Power System Scenario



Dr. D. P. Kothari  
Speaker

Honorary Adjunct professor VNIT, Nagpur  
Former Director i/c IIT Delhi



Dr. Rajesh Kumar Singh  
Patron  
Sityog Institute of Technology  
Aurangabad, Bihar



Mr. Samarjit Singh  
Convener  
Sityog Institute of Technology  
Aurangabad, Bihar



Mr. Dhananjay Singh  
Co-Convener  
Sityog Institute of Technology  
Aurangabad, Bihar



**14**  
February 2022



**From**  
02:00 PM to 03:00 PM



**Online**  
Google Meet

You Will Gate E-Certificate on Your Registered E-Mail ID





# SITYOG INSTITUTE OF TECHNOLOGY

Growth Center, Jasoia More, Aurangabad (Bihar) – 824102

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Phone: 9322698410, 9308392310 E-Mail: [sityogengg@yahoo.com](mailto:sityogengg@yahoo.com), Website: [www.sityog.edu.in](http://www.sityog.edu.in)

Ref. No. SIT/R/

Date: 07/02/2022

## NOTICE

### One hour webinar On Power System Scenario

It is to notified for information of all concerned that a webinar on **Power System Scenario** is scheduled on **14 February 2022 at 2:00 pm** in online mode, organized by Department of Electrical Engineering, SITYOG Institute of Technology, Aurangabad, Bihar.

The said webinar will be delivered by **Dr. D.P. Kothari**, Honorary Adjunct professor VNIT, Nagpur.

Link for Registration:

[https://docs.google.com/forms/d/e/1FAIpQLSecrTtBFbsoMzT51u10QfLjg9fc3u61gjeA5ypctfMBNlpMcKqA12w/form?usp=cf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSecrTtBFbsoMzT51u10QfLjg9fc3u61gjeA5ypctfMBNlpMcKqA12w/form?usp=cf_link)

Link to join will be provided to registered Candidates:

All faculty members and all students of Department of Electrical Engineering are directed to make it convenient to attend the webinar.

### Copy to:

- ❖ For kind information of Hon'ble Chairman /Secretary
- ❖ Hon'ble Director
- ❖ Professor In-Charge
- ❖ All H.O.D
- ❖ Notice Board
- ❖ Guard File

Sd.

(Director)



*Rejeesh Kumar*





**SITYOG**  
Institute of Technology



**S**ARALA  
**B**IRLA  
**U**NIVERSITY

Dept. of Computer Science & Engineering

ORGANISE

# WEBINAR

ON

Python tkinter - A Privilege for GUI



Dr. Rajesh Kumar Singh  
Patron  
Sityog Institute of Technology  
Aurangabad, Bihar



Prof. Shridhar B. Dandin  
Speaker  
Dean, Sarla Birla University, Ranchi



Dr. Sunil Kumar Jha  
Director  
Sityog Institute of Technology  
Aurangabad, Bihar



Mr. Saroj Ranjan  
Convenor  
Sityog Institute of Technology  
Aurangabad, Bihar



**19**  
February 2022



From  
11:00 AM to 12:00 PM



**Online**  
Google Meet

Google Meet Link:- <https://meet.google.com/mcy-gqbd-bih>  
You Will Gate E-Certificate on Your Registered E-Mail ID





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Ref. No. SIT/R/508/22

Date: 24-11-2022

## NOTICE

Hereby, Informed to all teaching, non-teaching staff & all students (B.Tech, BBA, BCA, BA(J&MC) & Diploma) that institute is going to organize one day seminar on **नशा मुक्ति** (De-Addiction) under IQAC.

**Speaker - Kumar Yogendra Narayan Singh**  
Special Public Prosecutor, Excise  
Government of Bihar

All are directed to be present in **seminar hall at 03:30 PM (Today)** and make this event successful.

### Copy to:

- ❖ For kind information of Hon'ble Chairman /Secretary
- ❖ Hon'ble Director
- ❖ Professor In-Charge
- ❖ Dean, Academics
- ❖ Principal Diploma
- ❖ All H.O.D
- ❖ Human Resource Department
- ❖ Account Section
- ❖ Examination Department
- ❖ Person Concerned
- ❖ Notice Board
- ❖ Guard File

Sd.

(Principal)



*Rajesh Kumar*



**SITYOG**  
**INSTITUTE OF**  
**TECHNOLOGY**  
Aurangabad- Bihar

## ONE DAY ONLINE WORKSHOP

On

**E-waste Management & its Impact**  
on Environment

on behalf of HMD Mobile India Private Limited

**December 10, 2022**

Workshop conducted by  
Reteck Envirotech Private Limited



Name of the Organizer  
Garbage Concern Welfare Society &  
Future Recyclers Foundation

Workshop Facilitator/ Speaker  
**Ms. SHRIYA PITRE**

Organized By  
Department of Mechanical Engineering  
SITYOG Institute of Technology,  
Aurangabad- Bihar- INDIA

### Introduction:

Of a workshop is a part of initiative by HMD to create awareness among the young generation on e-waste. Ms. Shriya has been conducting the workshops on awareness on electronic waste in association with NGOs like Garbage Welfare Concern Society & Future Recyclers Foundation, Garbage Concern promote Sustainable Environment Management through focused Environmental Education. We believe that Environment Education empowers citizens to Proactive Environmental Commitment.

### Who can attend?

Faculty members, Students, Non-Teaching Staffs- Institutes/Universities/ Engineering Colleges approved by AICTE working in the departments of Mechanical Engineering/ Civil Engineering, Electrical Engineering, Computer Science Engineering, BBA, BCA Metallurgical, Materials science, Ceramic Engineering, Physics, Chemistry /Mathematics and other allied departments related to the mentioned area are eligible to attend the Workshop

### OBJECTIVES:

Students & teachers will gain knowledge on sources & types of e-waste: What is an e-waste? How is it generated?  
Impact on human & environmental health on irresponsible consumption & disposal of electronic waste: Can we practise responsible consumption?  
Safe & Environmentally friendly methods on segregation, storage, re-use, recycling &

disposal of e-waste: Sustainable E-Waste - yes it's possible

Speaker will talk about responsible consumption which will help them to understand the life cycle of day-to-day electronic items like phones, computers, laptops, kitchen appliances etc. & the correct ways of recycling & disposal without harming the planet.

### CHIEF PATRON:

**Dr. RAJESH KUMAR SINGH**  
Director

SITYOG Institute of Technology (Aurangabad)

### PATRON:

**Dr. S. K. JHA**  
Principal

SITYOG Institute of Technology (Aurangabad)

### COORDINATOR:

**Mr. SURAJ**  
Assistant Professor  
Department of Mechanical Engineering  
SITYOG Institute of Technology (Aurangabad)

### Mr. SAROJ RANJAN

Assistant Professor  
Department of Computer Sci. Engineering  
SITYOG Institute of Technology (Aurangabad)



### Registration Charges: NIL

All Faculty member, students and non-teaching staffs are directed to be present in seminar hall on given date.



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## Awareness Program- PROHIBITION OF LIQUOR

The organization of an "AWARENESS PROGRAM- PROHIBITION OF LIQUOR" celebration in a college can have several reasons, each depending on the context and goals of the institution. Here are some possible reasons:

**Promoting a Healthy Lifestyle:** Colleges often aim to promote a healthy and responsible lifestyle among their students. Organizing awareness programs on the prohibition of liquor can be a way to encourage students to make responsible choices regarding alcohol consumption.

**Educating about the Risks of Alcohol Abuse:** The celebration might include educational sessions or workshops to inform students about the potential risks and negative consequences associated with alcohol abuse. This could cover topics such as physical health, mental well-being, and the impact of alcohol on academic performance.



*Rejesh Kumar*



*Rejesh Kumar*



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## Awareness Program- SAVE ENVIRONMENT

Celebrating an awareness program focused on saving the environment can serve several important purposes. Here are some key reasons why institutions might choose to organize and celebrate such programs:

- **Education and Awareness:** The primary goal is often to educate people about the importance of environmental conservation. By raising awareness, individuals become more informed about the threats to the environment, such as pollution, deforestation, and climate change.
- **Behavioral Change:** Awareness programs aim to bring about a change in behavior and attitudes towards the environment. By highlighting the consequences of unsustainable practices and promoting eco-friendly alternatives, institutions hope to inspire individuals to adopt more environmentally friendly lifestyles.
- **Community Engagement:** Celebrating environmental awareness programs provides an opportunity to engage the community. This can involve organizing events, workshops, and seminars that bring people together to discuss environmental issues, share ideas, and collaborate on solutions.
- **Corporate Social Responsibility (CSR):** Many institutions, including businesses, recognize the importance of contributing to society and the environment as part of their CSR initiatives. By participating in environmental awareness programs, institutions demonstrate their commitment to sustainability and responsible business practices.
- **Policy Advocacy:** Awareness programs can also serve as a platform for advocating environmental policies. Institutions may use these occasions to encourage policy changes at local, regional, or national levels to better protect the environment.
- **Global Initiatives:** Given the global nature of environmental issues, institutions may celebrate awareness programs in alignment with international environmental campaigns and initiatives. This helps create a sense of global solidarity and emphasizes the interconnectedness of environmental challenges.
- **Long-Term Sustainability:** Institutions may celebrate environmental awareness programs with the long-term goal of promoting sustainable practices. This involves not only raising awareness but also implementing sustainable policies within the institution itself, such as reducing waste, promoting energy efficiency, and incorporating environmentally friendly practices.
- **Inspiring Action:** Celebrating awareness programs is about inspiring people to take action. Whether it's participating in local clean-up events, reducing individual carbon footprints, or supporting environmental causes, institutions hope to motivate individuals to contribute to positive environmental change.





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By celebrating awareness programs focused on saving the environment, institutions play a crucial role in fostering a collective sense of responsibility and encouraging actions that contribute to the well-being of the planet.



## Gandhi and Lal Bahadur Shastri Jayanti

The celebration of Mahatma Gandhi and Lal Bahadur Shastri Jayanti in institutions, particularly in India, is a way to honor and remember the contributions of these two prominent leaders to the country's history and independence movement.

### ➤ Mahatma Gandhi:

Mahatma Gandhi, also known as the "Father of the Nation" in India, played a pivotal role in the Indian independence movement against British rule. He is widely recognized for his philosophy of non-violent resistance, known as "Satyagrah."



*Rajesh Kumar*

*Rajesh Kumar*



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Ref. No. SIT/R/ /21

Date: 25-01-2021

## NOTICE

### ONE Day Seminar On How to Bootstrap a Tech Startup

It is to notified for information of all concerned that a seminar on **How to Bootstrap a Tech Startup** is scheduled on **2<sup>nd</sup> February 2021 at 11:00 AM** in Smart Class Room- Ground Floor, organized by Training and Placement Department, SITYOG Institute of Technology, Aurangabad, Bihar.

The said seminar will be delivered by **Mr. Sumit Ranjan, CEO and Founder- QUASSARIAN, India**

HODs, all faculty members and all students of Department of Mechanical Engineering, Department of Civil Engineering, Department of Computer Science Engineering, Department of Electrical Engineering and BCA are directed to make it convenient to attend the seminar.

#### Copy to:

- ❖ For kind information of Hon'ble Chairman /Secretary
- ❖ Hon'ble Director
- ❖ Professor In-Charge
- ❖ All H.O.D
- ❖ Notice Board
- ❖ Guard File

Sd.

(Director)



*Devesh Kumar*



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Ref. No. SIT/R/ /21

Date: 15-03-2021

## NOTICE

**ONE Day Seminar**

**On**

**Current Scenario of Energy Distribution in India**

It is to notified for information of all concerned that a seminar on **Current Scenario of Energy Distribution in India** is scheduled on **21<sup>st</sup> march 2021 at 12:00 PM** in seminar hall, by the Department of Mechanical Engineering, SITYOG Institute of Technology, Aurangabad, Bihar.

The said seminar will be delivered by **Dr. Arun Kumar**, Associate Professor, National Institute of Technology, Patna, Bihar and **Dr. Amit Kumar**, Associate Professor & Head of Department, National Institute of Technology, Patna, Bihar.

HODs, all faculty members and final year's students of Department of Mechanical Engineering and Department of Electrical Engineering are directed to make it convenient to attend the seminar.

### **Copy to:**

- ❖ For kind information of Hon'ble Chairman /Secretary
- ❖ Hon'ble Director
- ❖ Professor In-Charge
- ❖ All H.O.D
- ❖ Notice Board
- ❖ Guard File

Sd.

(Director)



*Prakash Kumar*





# SITYOG Institute of Technology

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Aurangabad, Bihar

Dept. of Business Administration

Organises

## WEBINAR

On

### Leadership Development

Speaker



**Mr. Lalit Mishra**  
Head of HRD  
Opat Nitya Singh University

Patron



**Dr. Rajesh Kr. Singh**  
Director  
Sany Institute of Technology

**Tues  
Day**



**23 November  
2021**



**03:00 PM  
04:00 PM**

Convener



**Mr. Kundan Kumar**  
HOD Dept. of BBA  
Sany Institute of Technology

Convener



**Md. Asif Ghani Khan**  
Head of HRD  
Sany Institute of Technology

Free Registration | visit: [www.sityog.edu.in](http://www.sityog.edu.in) | E-Certificate to Participants

Join Medium - Zoom [Meeting Id:- 7487730680 Ps:- 278131]