



Managed by K.D.M. Education Society

## **VIDARBHA INSTITUTE OF TECHNOLOGY**

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Approved by A.I.C.T.E., New Delhi, Govt. Of Maharashtra & Affiliated to RTM Nagpur University, Nagpur

& DBATU Lonere, Raigad

"NAAC ACCREDITED"

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### **Internal Quality Assurance Cell (IQAC) Report Summary 2021 -22**

As a quality enhancement and sustenance measure prescribed by the NAAC, the college established the Internal Quality Assurance Cell (IQAC) of **Vidarbha Institute of Technology**, Nagpur in 2016. Right from the inception, IQAC has been an integral part in developing a system for conscious, consistent and catalytic improvement in the overall performance of the College. The IQAC is committed towards internalization and institutionalization of quality enhancement initiatives in higher education. It helps the institution in planning and monitoring. IQAC also gives stakeholders including Students, Teachers, Parents, Alumni, funding agencies and Community, a cross-sectional participation in the institution's quality enhancement activities

#### **QUALITY INITIATIVES OF IQAC:**

- **Reconstitution of IQAC Committee**
- **NAAC accreditation Progress**
- **Student Induction Programme**
- **Faculty Development Programme**
- **International Conference**
- **Webinars/Seminars**
- **Result Analysis**
- **IQAC Workshops**
- **Feedback Analysis**
- **Awareness Programmes**
- **AQAR Submission**
- **All India Survey on Higher Education (AISHE)**
- **IQAC Meetings**

### ➤ **Reconstitution of IQAC Committee**

In 23<sup>rd</sup> IQAC proceedings, Dr. Sanjay Uttarwar informed the committee that he may not be available for next period of IQAC committee. He thanked the chairperson and other committee members. Chairperson and the committee wholeheartedly thanked Dr. Sanjay Uttarwar for his support and co-operation, valuable suggestions to improve quality of the institution

### ➤ **Student Induction Programme:**

Vidarbha Institute of technology organized a induction program "Aarambh" for its first year Engineering students. In the presence of chief guests, Director of the college Dr. G. S. Natarajan and the principal Dr. S.B. Deshpande, many program were presented by the students and faculties. As a token of appreciation, customized college bags and lunch were provided by the college to the students. On this occasion, dance, songs, poem and other cultural events were performed by the first year students.



*Lamp lightning by Principal, Vice principal, Director of the Institute*

### ➤ **Faculty Development Programme:**

The department of Science & humanities has organized a two days faculty development program on research methodology. In the Faculty Development Program, 32 participants have participated. The FDP has been hosted by In-Charge of Science & Humanities. The INAUGURATION of the FDP program began on 10/08/2022 at 11.00 AM with the auspicious words of chief guest and chairperson Dr.S.B.Deshpande. He welcomed all the participants and wish all for their best. The theme of FDP was explained by Dr Akshad Vaidya.



**CHIEF PATRONS**  
Hon'ble  
Shri Jitesh Maheshwari  
Chairman, KDM Education Society

Hon'ble  
Dr. (Smt) Pooja Maheshwari  
Secretary, KDM Education Society

Hon'ble  
Dr. G.S. Natrajan  
Director, Vidarbha Institute of Technology

Dr. S. B. Deshpande  
Principal, VIT, Nagpur

Prof. Nilesh Bodne  
The Principal, B.T. & E.T. DEPT. VIT, Nagpur

Dr. Akshay Vaidya  
Coordinator

**Resource Person**

Dr. Datta Bharti  
Dr. Dilip Kumar Rana

**About College**

VIDARBHA INSTITUTE OF TECHNOLOGY is providing the student community an opportunity to step into the competitive world squarely so that they do not find themselves at a great disadvantage mainly owing to weak foundation and inadequate coaching in their formative years. Our teaching staff has been chosen from those who have already spent considerable years in the profession. Every bit of the teaching program would be closely monitored regularly so that we are able to correct the students at the right time. In today's scenario the students population continues to be deprived of quality education even where basic amenities are provided. Several of those paving out of the system are in no way equipped to stand shoulder to shoulder and compete with their more privileged counterparts in National Institutions. We are at VIT would strive to reverse this trend and situated close to a rural population would strive to provide the rural population also and opportunity to encourage their children to go in for higher education.

**About Department**

Department of Science and Humanities was started in 2009 with an intake of 50 in the Under Graduate B.Tech course. The Department has a dedicated team of staff members and distinguished faculty, trained at renowned institutes in India as well as abroad. The faculty has been active in organizing and participating seminars, workshops, conferences and scientific meetings from time to time. The basic objectives of teaching in the first year students are to develop necessary skills and abilities to succeed in the engineering education. The emphasis is given on knowledge and understanding of the fundamental principles of science and its applications in industry, environment and social context. The department has excellent infrastructure, well equipped laboratories and departmental library. The recent modification in U.G. course is keeping pace with the latest developments in engineering education. Most important the courses offered to the students are AICTE approved and affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra.

**Tentative topics to be covered:**

1. Research Problem
2. Selection of research topic
3. Importance of review of literature
4. Sample methods and its type
5. Hypothesis structure & Types of hypothesis

**Participants:**

**Registration Fee: Nil**



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**VIDARBHA INSTITUTE OF TECHNOLOGY, NAGPUR**

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**Two Days**

**Faculty Development Program**

**On  
Research Methodology**

**10-11 August 2022**

**Organized By**

**DEPARTMENT OF BASIC  
SCIENCE & HUMANITIES**

**Vidarbha Institute Of Technology  
Nagpur**

In the two days of session, Dr.Dilip Kumar Rana, Associate Professor, S.B. Jain college of Engineering and Dr.Datta Bharti Assistant Professor, Department of Engineering Chemistry , J.D. College of Engineering elucidated the research design in detail, as well as discussed important points and precautions in writing an effective and quality research paper or proposal. He also highlighted the importance of the Review of Literature and writing it correctly. He also described how to make references and bibliographies also discussed the research problem in detail and explained its nuances in the selection of the research topic respectively.

➤ **Webinars/Seminars:**

The event **"A Webinar on Importance of Procurement in Industry"** held successfully on the date 22/10/2021 at Online Mode. The schedule was from 11.00 am-12.30pm. The details of the program is given below along with the pictures of the program Modern by Bernard Bate in the presence of Hon. Minister for Finance & Human Resource Management, Government of Tamil Nadu, Dr. Palanivel Thiaga Rajan on 19 September 2021.



## Vidarbha Institute of Technology

Department of Mechanical Engineering  
One Day

### Webinar on "Importance of Procurement in Industry"

Date: 22/10/2021

Time: 11:00 AM

Organized by  
Department of Mechanical Engineering

Convenor  
Mr. Vaibhav H. Bankar  
(H.O.D.)

Department of Mechanical Engineering,  
Uri (Bhawapur) Urur Road,  
Nagpur 441208,  
Maharashtra, India

#### About the Institute:

The Vidarbha Institute of Technology, Nagpur is a Hindi Linguistic Minority Institute of the DOM Education Society.

It is situated on state Highway No. 9 on Dargi road.

It is well connected with all modes of transport.

Vidarbha Institute of Technology boasts of large computer laboratories with around 420 computers

and provide Internet facility all around the clock.

#### About the Department:

Mechanical Engineering is a diverse subject that

derives its breadth from the need to design

and manufacture everything from small

individual parts and devices

(i.e. microscale sensors and inkjet printer nozzles) to large systems.

The role of a mechanical Engineer is to take a product from an idea to a Marketplace.

#### Experts/Resource Person

Mr. Sachin Wankhede  
Asst. Manager  
Pix Transmission Ltd.  
Hingana, MIDC, Nagpur.

Contact No.: 7385003988

Email: [sachin.wankhede@pixtrans.com](mailto:sachin.wankhede@pixtrans.com)

#### Objectives:

The objective of this Webinar is

✓ To aware students about the basics of Procurement concept.

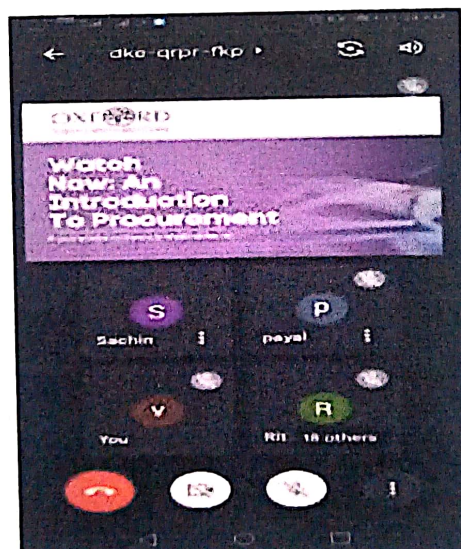
✓ To understand the importance and seriousness of Procurement as per order in Industry.

✓ To identify the latest scenario.

#### Target Participants:

• All students of Vidarbha Institute of Technology

• All faculty members of all Department of VIT.



Mr. Sachin C. Wankhede (Asst. Manager Pix Transmission Ltd.) was the resource persons on this special event.

S.No	Session	Resource Person	Session's Coordinator	Time
1	Session	Mr. Sachin C. Wankhede	Mr. Vaibhav Bankar	11.00am-12.30pm





## ➤ Result Analysis


In 23<sup>rd</sup> proceeding of IQAC meeting "Each HOD's presented the results in semester wise. Further discussing on this, the detail analysis was done, wherever the results are lower in few subject, remedial classes for those subject will be plan.

## ➤ IQAC Workshops:

Workshop on Entrepreneurship was organized by department of Electrical engineering in Collaboration with Training and placement cell. The seminar was held on 27/4/2022 in the seminar hall G9 of the VIT College.

The guest of the seminar was Mr. Deepak vasu along with Dr Manish Kimmatkar sir, Associate professor Radhiktai Pandav College of Engineering Nagpur.

Mr. Deepak vasu sir emphasized on the present scenario in job sector and explained what are the different challenges and benefits of being entrepreneurship. It was a successful program and 63 students were greatly benefitted by it.

 <b>Vidarbha Institute of Technology</b> <b>Department of Electrical Engineering</b> <b>OneDay</b> <b>"Workshop on Entrepreneurship"</b> <b>Date: 27/04/2022</b> <b>Time : 1:30 PM</b> <b>Organized by:</b> <b>Department of Electrical Engineering</b> <b>Convenor</b> <b>Mr. Saurabh V. Lawate</b> <b>Department of Electrical Engineering,</b> <b>Vit. (Shivajinagar) Umreth Road,</b> <b>Nagpur 441209,</b> <b>Maharashtra, India</b>	<b>About the Institute:</b> The Vidarbha Institute of Technology, Nagpur is a Hindi Linguistic Minority Institute of the KDM Education Society. It is situated on state Highway No. 9 on Umreth road. It is well connected with all modes of transport. Vidarbha Institute of Technology boasts of large computer laboratories with around 440 computers and provide Internet facility all around the clock.  <b>About the Department:</b> Electrical Engineering is a diverse subject that derives its breadth from the need to design and manufacture everything from small individual parts and devices (e.g. micro sensors and inkjet printer nozzles) to large systems. The role of a Electrical Engineer is to take a product from an idea to a Marketplace.	<b>Experts/Resource Person</b> <ul style="list-style-type: none"><li>• <b>Mr. Deepak Vasu</b> <b>Training head at MSIT Services- CMS, Nagpur</b></li></ul> <b>Objectives:</b> The objective of this Webinar is *To aware students about latest developments/ requirements of the industries. *To train the students on the emerging technologies  *To identify the latest scenario.  <b>Target Participants:</b> <ul style="list-style-type: none"><li>• All students of Vidarbha Institute of Technology</li><li>• All faculty members of all Department of VIT.</li></ul>
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### ➤ Feedback Analysis:

Feedback is a way to understand the college's strength and identify the areas where more focus is needed based on the inputs from the stakeholders. National Assessment and Accreditation Council identifies **Students, Teachers, Alumni and employers** as the stakeholders of higher education institution & Administration collected and processed students feedback on academic as well as **Infrastructural facilities**. Feedback is not just about faults in the institution and the system of education delivery, it works as a mirror to the college showing its strength and weakness, which is of utmost important for a HEI to stay relevant and deliver according to its vision and mission. In 24<sup>th</sup> Proceedings of IQAC Meeting it was discussed that "Chairperson asked the HOD's to collect feedback from Students, Parents, Alumni and Employers and results of analysis of feedback will be discussed in the next meeting. HOD's informed that the feedback will be taken in the meetings with Students, alumni and employers

### ➤ Awareness Programmes:

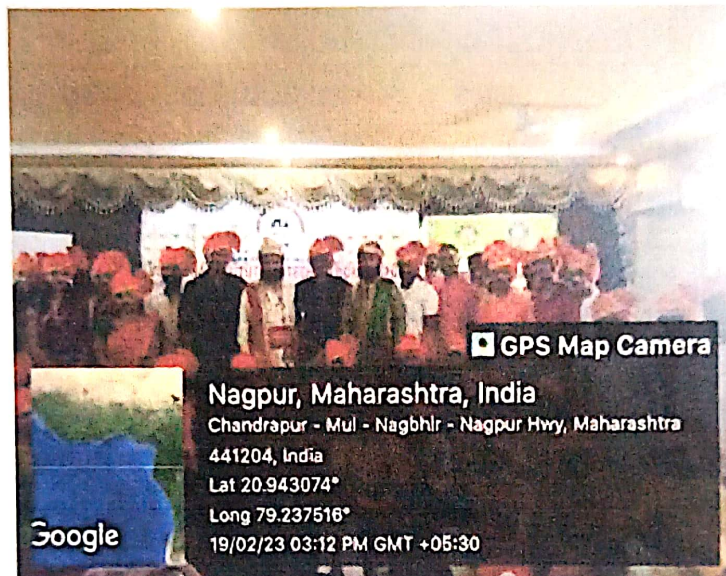
National Service Scheme (NSS) and Women's Development Cell in collaboration with IQAC has arranged various programmes like Chatrapati Shivaji Maharaj Jayanti, International Yoga day And Teacher's day, Constitution Day, National Voter's Day, Republic Day Celebration, Celebration of Savrtibai Phule Birth Anniversary, Celebration of Chatrapati Shivaji Maharaj Birth Anniversary, World No Tobacco Day, "Beti Bachao Beti padhao" for Students . Some glimpses of NSS activities are-

#### Event 1-

**Birth anniversary (Jayanti) of Chatrapati Shivaji Maharaj**



On occasion and **Celebration on the Eve Birth anniversary (Jayanti) of Chatrapati Shivaji Maharaj** was celebrated in Vidarbha Institute of Technology, Nagpur. Shivaji Jayanti is celebrated as the birth anniversary of the Maratha emperor, Shri Chhatrapati Shivaji Maharaj. Shivaji Maharaj is one of the bravest Maratha warriors. He stood up against Aurangzeb, the Mughal emperor. He also found the Maratha kingdom. Every year on 19<sup>th</sup> February, Shivaji's birthday is celebrated with excitement. The students and teachers celebrate Chhatrapati Shivaji Maharaja's birth anniversary with great excitement by organizing various cultural programs. Around 80 Students during this occasion often enact an event from the immersive life of Chhatrapati Shivaji Maharaj.



## Event 2- Beti Bachao Beti Padhao Abhiyan 2022

This year India is celebrating its 75th Independence Day. A series of events namely Azadi ka Amrut Mohatsav have been planned throughout the country. It is an initiative to celebrate and commemorate 75 years of progressive India and its glorious history, people, culture and achievements. In this regard Vidarbha Institute of Technology, Nagpur of NSS Unit of VIT College had organized the Mission & Event of the **"Beti Bachao Beti Padhao Abhiyan 2022"** under "The Daughters of New India" on Wednesday 19th May 2022.





### Event 3- World No Tobacco Day 2022

This year India is celebrating its 75<sup>th</sup> Independence Day. A series of events namely Azadi ka Amrut Mohatsav have been planned throughout the country. It is an initiative to celebrate and commemorate 75 years of progressive India and its glorious history, people, culture and achievements.

In this regard Vidarbha Institute of Technology, Nagpur of NSS Unit of VIT College had organized the event of Awareness & Prevention program & Pledge ceremony "World No Tobacco Day 2022" on Wednesday 01<sup>st</sup> June 2022.



### AQAR Submission:

AQAR for the year 2020-2021 was submitted to NAAC, Bangalore .

### All India Survey on Higher Education (AISHE):

The IQAC submitted the College report to AISHE.

### IQAC Meetings:

The IQAC had regular meetings with the members of each department for the preparation of self study report, for NAAC. IQAC meetings with its internal and external members were held twice on 20.08.2021 and 04.03.2022.

**IQAC Coordinator**  
IQAC Co-ordinator  
Vidarbha Institute of Technology  
Nagpur

**Principal**  
VIDARBHA INSTITUTE OF TECHNOLOGY  
Nagpur