



Managed by K.D.M. Education Society

VIDARBHA INSTITUTE OF TECHNOLOGY

Uti, Umrer Road-441209, [Tel:07116-281155/56](tel:07116-281155/56) Fax:07116-281154

E-mail id:kdsociety@gmail.com, Website: www.vitnagpur.edu.in

Approved by A.I.C.T.E., New Delhi, Govt. Of Maharashtra & Affiliated to RTM Nagpur University, Nagpur
& DBATU Lonere, Raigad
"NAAC ACCREDITED"

Internal Quality Assurance Cell (IQAC) Report Summary 2018 -19

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

- **Faculty Development Programme**
- **Annual Programme "SPARSH"**
- **National Conference**
- **Workshops for Non-Teaching**
- **Training Programmes**
- **Feedback Analysis**
- **Awareness Programmes (NSS,WDC)**
- **AQAR Submission**
- **All India Survey on Higher Education (AISHE)**
- **IQAC Meeting**

➤ **Faculty Development Programme:**

• **FDP ON Research Methodology**

The IQAC conducted a Faculty Development Programme on "Research Methodology" on the dates 17 and 18/08/2018 at Vidarbha Institute of technology, Class room 1, by Mechanical Engineering department for quality improvement of teaching staff. The schedule was divided in two sessions. First session was from 11.00am – 12.30pm, for theory and conceptual knowledge sharing while the second session was from 2.00pm-3.00pm, giving practical hands-on and understanding of research tool in Educational Institute .30 number of participants were registered and all complete the fdp program successfully.

Dr.Nanoti sir, Dr.R.Himte , Dr.Waghamre, Dr Dhete were the resource persons on this special event. Session Details for both days are given here.

S.No	Session	Resource Person	Time : slot 1	Resource Person	Time : slot 2	Session's Coordinator
1	Session 1	Dr.Nanoti Principal PIET Nagpur	11.00- 12.30pm	Dr.Waghamre Director MSDC Nagpur	2.00pm- 3.00pm	Mrs.Pranali Wankhade
2	Session 2	Dr.Rakesh Himte HOD (ME) PIET Nagpur	11.00- 12.30pm	Dr.Dhete Professor YCCE Nagpur	2.00pm- 3.00pm	Mrs.Pranali Wankhade

CHIEF PATRONS

Shri. J. N. Maheshwari
Chairman, KDM Education Society

Dr. (smt) Pooja J. Maheshwari
Secretary, KDM Education Society

Dr. G. S. Natarajan
Director, Vidarbha Institute of Technology

CONVENOR

Dr. S. S. Uttarkar
Principal VIT Nagpur

CO-CONVENOR

Prof. Nilesh Bodne
(Vice Principal and HOD, ECE dept)

Prof. Naibhat Bankar
(HOD, ME dept)

Prof. Pravin Kulkarni
(HOD, CE dept)

Prof. Dr. Ashish Vaidya
(HOD, S&H dept)

CO-ORDINATOR

Prof. Naibhat Bankar (7038960942)

CO-COORDINATOR

Prof. Mrs. Pranali Wankhade (8999262592)

Prof. Manish Bhagale (7263982459)

Email ID:- fdp2018.vit@gmail.com

REGISTRATION FORM

TWO DAY FDP PROGRAMME

ON

Research Methodology

17th & 18th August 2018.

REGISTRATION FORM

Name _____

Designation _____

Organization _____

Qualification _____

Correspondence Address _____

Tel. (O) _____ (R) _____

Mobile No _____

Email _____

Date: _____

Place: _____ Signature _____

K.D.M. Education Society
**VIDARBHA INSTITUTE OF
TECHNOLOGY, NAGPUR**
Approved by A.I.C.T.C., New Delhi, Govt. of Maharashtra &
Affiliated to
RTM Nagpur University



TWO DAY FDP PROGRAMME

ON

Research Methodology
17th & 18th August 2018.

ORGANISED BY
DEPARTMENT OF MECHANICAL
ENGINEERING
VIDARBHA INSTITUTE OF TECHNOLOGY, NAGPUR

About The University:-

RTMNU Rashtrasant Tukadoji Maharaj Nagpur University, is one of the premier educational institutions of central India. Established since 1923, the premises of University are spread over 373 acres which consist of heritage building, lush green campuses with gardens, enriched Biodiversity and spiritual antecede of Tukadoji Maharaj impetus the academic culture within the University. "Hya Bharat Bancho-Bharo-Narya Nam se, devachasa de" which means may Brotherhood prevail in this country, grants us this Blessing. As Nagpur being located in the heart of India and has connectivity with every part of the Country. For formal learning, the University boasts of 46 Postgraduate Teaching Departments (PGTD) and 3 Constituent Colleges Institutions, 503 affiliated colleges offering UG, PG, MPhil and PhD courses to more than Four lakh students.

About College

Vidarbha Institute of Technology established in year 2009, is one of the premier institutions in Nagpur. It is a NAAC accredited, AICTE DTE & DBATU approved institution and College has four UG Courses as well as PG courses.

About Department:

The department of Mechanical Engineering came into existence along with establishment of the institution in the 2008. It is prestigious one and one of the most sought after branch. It has always strived to deliver quality education keeping with the various emerging trends. The department bits disposal well equipped labs to provide hands on experience and to realize the practical aspect of theory learned.

Qualified and competent faculty and skilled supporting staff are the strength of the Deptt.

Targeted Participant:

- Faculties of Electronics ETC Electrical Mechanical CSE IT/First Year Engineering
- Research Scholars PG Students
- Industrial Persons

Theme of the FDP:

With a growing realization that education is fundamental to growth and development, there is a pressing need to change the current teaching pattern. The focus is to shape 'institutes of excellence' and to facilitate this transformation by training faculties with cutting-edge management and leadership skills. This FDP is aimed to introduce the essentials of facilitation of student faculty learning in an interesting way to any faculty of engineering courses.

The program focuses on effective methods of teaching strategies implementable to retain the attention span adaptable for different types of students during the class hours.

This FDP program will provide many examples and case studies and the participants will be exposed to how to create blended instruction for their students and what to address when designing these experiences. In addition to this, participants will be exposed, how technology tools can foster collaboration while delivering engaging instructional content. They will also learn strategies for assessing students and managing a blended learning classroom.

The main objective of this FDP is to make faculty aware of the new trend in higher education occasioned by national education policy. It aims at providing the right direction, perspective and techniques that will help teachers adapt to the new curricula structure to rebuild new teaching methods.

Registration Fees: NIL

The participant should submit the application in prescribed format with no registration fees before 17th Aug 2018 to the Co-ordinator.

Registration Link

<https://forms.gle/nhYSMD2vtm329D8Q7>

SCHEDULE

17 August 2018

Inauguration

Keynote speaker: Dr. Vivek Nausti

Principal PIET, Nagpur

Contact No.9923123155

Topic:- Importance of Research Methodology.

Dr. Waghmare

Director

MSDC Nagpur

Contact No.9923284559

Topic:- Application of Research Methodology in Industry

18 August 2018

Dr. Rakesh Himte HOD(ME) PIET, Nagpur

Topic:- Importance of Research methodology in teaching learning process.

Contact No.9850328302

Dr. Dhete Professor YCCE, Nagpur

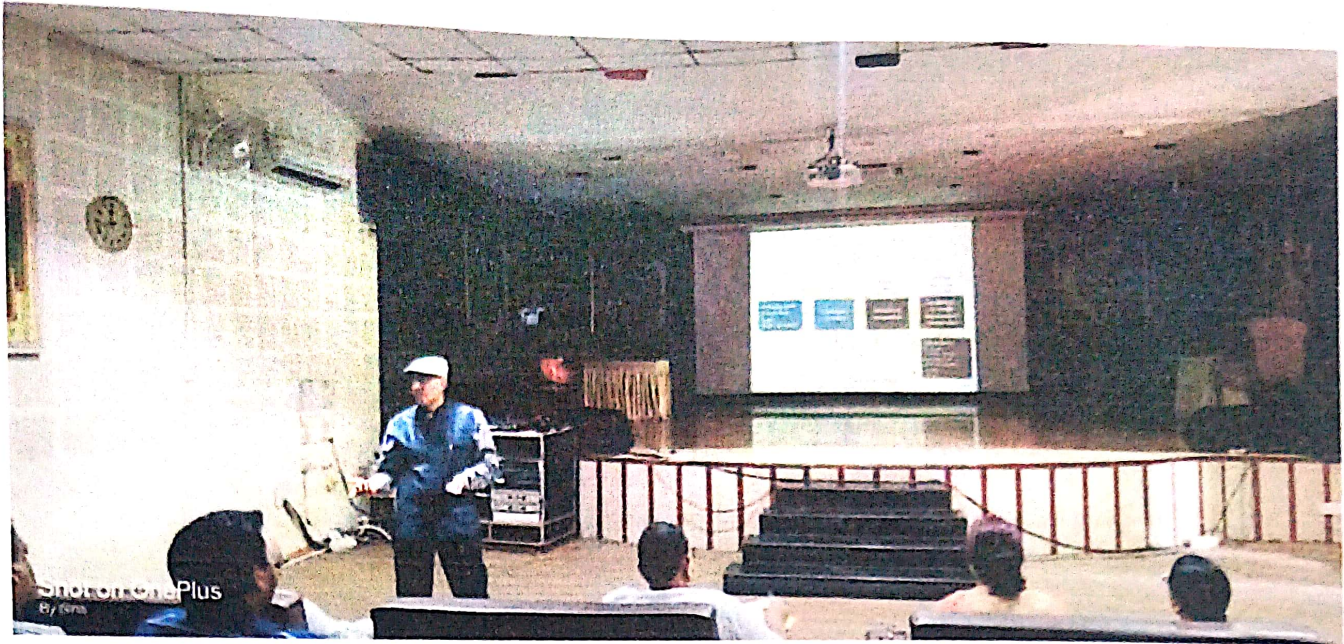
Topic:- Tools used in research Methodology

Contact No.7276630350

Address By

Dr. Uttarkar Principal VIT, Nagpur





Dr.Rakesh Himte HOD (ME) PIET Nagpur

- **FDP On Changing Trends in Integrated Communication Research:**

Department of Electrical Engineering Vidarbha institute of technology, Nagpur had conducted a FDP on 'FACULTY DEVELOPMENT PROGRAM on "Changing Trends in Integrated Communication Research" in on 11th January 2019. The dignitaries present, were Dr. S. D. Sawarkar International Motivational Speaker. (Principal B.J.E.S, Amravati Poly College (BK), Prof. Priyanka Patil Asst. Professor (EEE) P.R.M.C.E.M, Badnera & Er. Akash Jhamthe (M.D Ultra NET Communication & Solution) Corporate Coach & Empowering leader There were around 117 participants from different colleges and institutes all over of Maharashtra and the FDP was conducted

CHIEF PATRONS

Shri. J. N. Maheshwari
Chairman, KDM Education Society

Dr. (am) Pooja J. Maheshwari
Secretary, KDM Education Society

Dr. G. S. Natarajan
Director, Vidarbha Institute of Technology

CONVENOR

Dr. S. S. Uttarwar
Principal, VIT Nagpur

CO-CONVENORS

Prof. Nilesh Bodne
(HOD, ECE Dept)

Prof. Kaibhar Bankar
(HOD, ME Dept)

Prof. Pravin Kulkarni
(HOD, CE Dept)

Prof. Akshad Vaidya
(HOD, First Yr Dept)

CO-ORDINATOR

Prof. Sontra Ghotekar (7038960942)
Prof. Rashmi Singh (7038438627)

CO-COORDINATOR

Prof. Priyanka Godbole (8999262532)
Prof. Kaishali Thakre (7263982459)

About The University:-

RTMNU Rashtrasant Tukadoji Maharaj Nagpur University, is one of the premier educational institution of central India. Established since 1923, the premises of University are spread over 373 acres which consist of heritage building, 7 lush green campuses with gardens, enriched biodiversity and spiritual antecedents of Tukadoji Maharaj impetus the academic culture within the University. "Jya Bharat Banahu-Bhav-Nitya Vasu se, de varchasa de" which means may brotherhood prevail in this country, grants us

SCHEDULE

11th June 2019 Morning Session

INAGURATION

Keynote Speaker - **Dr. S. D. Samarkar**

International Motivational Speaker

(Principal B J E S, Amravati Poly College (BK)

(Ph No. 8624546262)

Prof. Priyanka Patil

Asst. Professor (EEE) P.R.M.C.E.M, Badnera

Topic- Faculty Development

(Ph No. 9096272133)

Afternoon Session

Prof. Akash Jhamthe

(A.I.D. UltraNET Communication & Solution)

Corporate Coach & Empowering leader

Topic- Importance of Soft Skill of Faculty

Development for students Career in Industry

(Ph No. 7709579849)

Address by

Dr. S. S. Uttarwar

Principal, VIT Nagpur

Targeted Participant:

- > Faculties of Electronics/ ETC/ Electrical
- > Electrical/Mechanical/ CSE/ IT First Year Engineering
- > Research Scholars/ PG Students
- > Industrial Personnel/ College

Theme of the FDP:

- ❖ With a growing realization that education is fundamental to growth and development, there is an increasing need to change the current teaching pattern.
- ❖ The focus is to shape 'institutes of excellence' and to facilitate this transformation by training faculties with cutting-edge management and leadership skills.
- ❖ This training program will provide many examples and case studies and the participants will be exposed to how to create

K.D.M Education Society's

VIDARBHA INSTITUTE OF TECHNOLOGY, NAGPUR

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



One Day

FACULTY DEVELOPMENT PROGRAM

on

"Changing Trends in Integrated Communication Research"

11th January 2019

ORGANISED BY
DEPARTMENT OF ELECTRICAL
ENGINEERING
VIDARBHA INSTITUTE OF TECHNOLOGY,
NAGPUR

Registration Link: <https://forms.gle/GyF34beyAmC9ioy9>

Participants will get FDP Certificate

Registration Fees:- NIL

The participant should submit the application in prescribed format with no registration fees before 10th Jan 2019 to the Co-ordinator.

FACULTY DEVELOPMENT PROGRAM

On

Changing Trends in Integrated Communication Research

11th January 2019

➤ Annual Programme "SPARSH":

Institute of Technology has organized SPARSH 2019 during 24th January 2019 to 25th January 2019. The event was inaugurate by the Mr. Rajesh Samarth (Musician), Principal Dr. S. S. Uttarwar and Vice-Principal Prof. Nilesh Bodne, Director Dr. G. S. Natarajan and Co-ordinator Prof. Kasim Ali. The various events organized in SPARSH were Singing Competition, Dance Competition, Debate Competition, Mehendi Competition, Flower Competition, One minute show, Fashion Show etc.





The guest of the event Mr. Rajesh Samarth (Musician) welcome by Dr. S. S. Uttarwar, Principal VIT, Prof. Nilesh Bodne

➤ National Conferences:

Department of Electrical Engineering of Vidarbha Institute of Technology (VIT) organized one day National conference on "Electric Vehicle and its Application" on 06th September 2018. Opening remarks for the international conference were given by Dr. S.S. Uttarwar, Principal VIT, Nagpur. The programmed progressed with the inaugural speech by Manish Karandikar International Technical Motivational Speaker and (Founder of Jigyasa Research & Development, Nagpur).

In the session speaker Prof. Hussain Saiffee, Asst. Professor (EEE) P.R.M.C.E M, Badnera presented the topic Role of Electric Vehicle in day to day life and its Application in renewable energy source. He mainly focused on enhancing a student's of Electric Vehicle manufacturing and making them industry ready. Also Prof. Narendra P. Giradkar (Professor (EE), S.R.P.C.E, Nagpur & Prof. S. N. Palod (HOD (E & C), S.R.P.C.E, Nagpur mainly talked about the importance of VLSI, Microprocessor and controller and its application and main role in electric vehicle in making in industry. He inspired the audience by lively interacting on topics Electric Vehicle.

CHIEF PATRONS
Shri. J. N. Maheshwari
 Chairman, KDM Education Society
Dr. (am) Rojia J. Maheshwari
 Secretary, KDM Education Society
Dr. G. S. Natrajan
 Director, Vidarbha Institute of Technology

CONVENOR
Dr. S. S. Ustachkar
 Principal, VIT Nagpur
CO-CONVENORS
Prof. Nilesh Bodne
 (Vice Principal and HOD, ECE dept)
Prof. Vaibhav Bankar
 (HOD, ME Dept)
Prof. Pravin Kulkarni
 (HOD, CE dDept)
Prof. Akshad Vaidya
 (HOD, First Yr Dept)

CO-ORDINATOR
Prof. Sourav Ghoshkar (7038960942)
Prof. Rashmi Singh (7038438627)

CO-COORDINATOR
Prof. Priyanka Godhole (8999262582)
Prof. Vaishali Thakre (7263982459)

SCHEDULE

06th September 2018

INAGURATION
 Keynote Speaker – **Manish Karandikar**
 International Technical Motivational Speaker.
 (Founder of Jigyasa Research & Development
 Nagpur. Ph. 9763224395)

Prof. Hussain Saifee
 Asst. Professor (EEE) P.R.M.C.E.M. Badnera
 Topic- "Electric Vehicle and its Application"
 (Ph. No. 8624846262)

Morning Session

Prof. Narendra P. Giradkar
 (Professor (EE), S.R.P.C.E., Nagpur.
 Ph. No. 9923693968
 Topic- "Electrical vehicle and its application"

Prof. S. N. Palod
 (HOD (E & C), S.R.P.C.E., Nagpur.
 Ph. No. 9998639689
 Topic- on Industrial Automation and use of
 Artificial Intelligence in electrical vehicle

Afternoon Session

Address by
Dr. S. S. Ustachkar
 Principal, VIT Nagpur

K.D.M. Education Society's
**VIDARBHA INSTITUTE OF
 TECHNOLOGY, NAGPUR**
 Approved by A.I.C.T.E., New Delhi, Govt. of
 Maharashtra & Affiliated to RTM Nagpur University



One Day

National Conference

on

"Electric Vehicle and its Application"

(06th September 2018)

ORGANISED BY

DEPARTMENT OF ELECTRICAL
 ENGINEERING

VIDARBHA INSTITUTE OF TECHNOLOGY,
 NAGPUR

Registration Link:
<https://forms.gle/Z14fsgH56jkfhdg98mkjdhdh23dndjdj25>

Participants will get Certificate

➤ **Workshop on Copyright:**

**Vidarbha Institute of
 Technology**
 Department of Electrical
 Engineering
 One Day
**Workshop on Copyright
 Filing"**
 Date : 14/08/2018
 Time : 1:30 PM
 Organized by
 Department of Electrical
 Engineering
 Convener
 Mr. Sourav ghoshkar
 Department of Electrical Engineering
 Vit. (Bhivapur) Umner Road,
 Nagpur 441209,
 Maharashtra, India

About the Institute
 The Vidarbha Institute of Technology, Nagpur is a
 Linguistic Minority Institute of the KDM Education
 Society.
 It is situated on state Highway no. 9 on Umner road
 It is well connected with all modes of transport.
 Vidarbha Institute of Technology boasts of large
 computer laboratories with around 440 computer
 and provide internet facility all around the clock.

About the Department :
 Electrical Engineering is a diverse subject that
 derives its breadth from the need to design
 and manufacture everything from small
 individual parts and devices
 (ie. microscale sensors and inkjet printer nozzles) to
 largesystems
 The role of a Electrical Engineer is to take a product
 from an idea to a Marketplace.

**Experts/ResourcePe
 rson**
 • **Mr. Swapnil Udapurkar**
 Center Head at CAD Center
 Nandanvan, Nagpur
Objectives:
 The objective of this Webinar is
 1) To aware students about the basics
 of copyright filing
 2) To understand the importance and
 protection to the creator's original
 work.
 3) To identify the latest scenario
Target/Participants:
 • All students of Vidarbha Institute of
 Technology
 • All faculty members of all
 Department of VIT.

IQAC cell in collaboration with Electrical Engineering department organized a **Workshop on Copyright Filing** on the date 14/08/2018 at Vidarbha Institute

of Technology, seminar Hall G9. The schedule was from 1:30-3:00 pm. This Workshop helps to clear the various doubts related to term "Copyright" .Mr. Swapnil Udapurkar (Center Head at CAD Center)was the resource person on this special event.



➤ Workshops for Non-Teaching:

- Workshop on MS- Office:

IQAC cell of Vidarbha Institute of Technology College with the Department of Mechanical Engineering had successfully organized workshop for the non-teaching staff of the college. The First workshop titled, 'MS-Office training program for 2 days' was held on 18/09/18-19/09/18. The second workshop titled, The prime participants of this workshop were employees from the administrative department, accounts section and the library. The objective of the workshop, which was to establish a degree of comfort for performing day-to-day activities using computers, was very well achieved.



MS office training programme for Non-teaching staff

- **Workshop on Electrical Maintenance**

The event on "Electrical Maintenance workshop" held successfully on the dates 17/01/2019 and 18 /01/2019 at Vidarbha institute of technology, Class room 1 organized by Mechanical Engineering department for quality improvement of Non-Teaching staff. The schedule was divided in two sessions. First session was from 11.00am - 12.30pm, for theory and conceptual knowledge sharing while the second session was from 2.00pm- 3.00pm, giving practical hands-on and understanding of lab related machineries and services. The details of the program is given below along with the pictures of the program. 15 number of participants were registered and all complete the training program successfully.

Mr.Vaibhav Bankar, and Mr. Vivek Jambhulkar were the resource persons on this special event. Session Details for both days are given here.

	Session	Resource Person	Time slot 1	Resource Person	Time slot 2	Session's Coordinator
1	Session 1	Mr.Vaibhav Bankar	11.00-12.30pm	Mr.Vivek Jambhulkar	2.00pm-3.00pm	Mrs.Pranali Wankhade



➤ **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 Action taken Report of 14th IQAC meeting it was discussed that "Feedback will collected from the Students, Teachers, Alumni and Employer. The improvement aspects suggested by the stakeholders were taken into cognizance by the departments".

➤ **Awareness Programmes : (NSS)**

National Service Scheme (NSS) in collaboration with IQAC has arranged various programmes like The Independence Day Celebration with zeal "Saluted the Nation and Freedom Fighters" ,Guru Purnima Program "Guru is a Sailor of Life", Restoration of Forest Program for Students .

➤ **AQAR Submission:**

AQAR for the year 2017-2018 was submitted to NAAC, Bangalore.

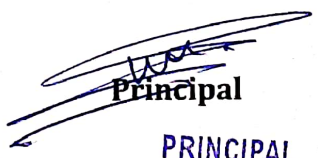
➤ **All India Survey on Higher Education (AISHE):**

The IQAC submitted the College report to AISHE.

➤ **IQAC Meetings:**

The IQAC had regular meetings with the members of each department. IQAC meetings with its internal and external members were held for the eight times in the session 2018-19 on below stated dates 28.0.2018, 05.06.2018, 28.07.2018, 23.08.2018, 27.10.2018, 19.11.2018, 28,01.2019 and 07.02.2019


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


Principal
PRINCIPAL
VIDARBHA INSTITUTE OF TECHNOLOGY
Nagpur

