



# GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY

APPROVED BY AICTE, DTE & AFFILIATED TO RTM NAGPUR UNIVERSITY, NAGPUR

Dahegaon, Opp. IOC Petrol Pump, Kalmeshwar Road, Nagpur - 441501 Ph. 07118-661400  
Website: [www.gniet.ac.in](http://www.gniet.ac.in) Email: [gnietnagpur@gmail.com](mailto:gnietnagpur@gmail.com)



Department of Electronics and Telecommunication Engineering

Session 2018-19

Sr.N o.	Activity List
1.	Seminar on Automation Design and Simulation(online)
2	Guest lecture on Navigating Patents and Copyrights in the Digital Age
3	Seminar on Outcome-Based Education System
4	Seminar on Unlocking Earth's secrets: Remote sensing insights from ISRO
5	Seminar on Seminar on Auto leveling system for textile machine carding



# GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY



Seminar on

## "Automation Design and Simulation"

Organized by  
Department of  
Electronics and Telecommunication  
Engg.

Date  
21/03/2019  
Time  
1.00 pm

Venue: T2  
Auditorium

Prof. Deepak Deshpande  
Co ordinator  
ETC, GNIET

Prof. Sucheta Raut  
HOD, ETC, GNIET

Dr. Sanjiv. Shrivastav  
Principal  
GNIET



# GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY



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## Department of Electronics and Telecommunication Engineering

Session 2018-19

Date:-20/03/2019

### NOTICE

All the faculties & Students of GNIET (ETC, CSE, EE) are here by informed that the Department of Electronics and Telecommunication Engineering is organizing a one day on line Faculty Development Programme on "Automation Design and Simulation" on 21<sup>st</sup> March 2019 at 1.00 p.m. So it is mandatory for all the students and staff to attend this seminar online. Zoom link will be send on your email id.

**Venue:** Sardar Avtar Singh Kohli Memorial Auditorium, T2 – Building GNIET

Prof. Deepak Deshpande  
**Co-ordinator**

Prof. Sucheta Raut  
**HOD,ETC**

Copy to (information):-

Hon. Chairman, GNES

Hon. Principal, GNIET

Vice. Principal, GNIET

All HOD'S in various Department of GNIET

**Principal**  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501



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## Simulation Technologies Private Limited

101, First Floor, A Block, Naurang House  
21, K. G. Marg, New Delhi - 110001, INDIA  
Phone : +91 - 11- 36 600 553  
Mobile : +91- 98 1030 5272 / 78 2757 5990  
E-Mail : [info@simulationtech.in](mailto:info@simulationtech.in)  
Website : <http://simulationtech.in/>

### *Invitation for Faculty Development Program (FDP) by Simulation Technologies Pvt. Ltd. (FREE of Cost)*

Dear Faculties & Researchers,

We, SimulationTech in association with Famic Technologies Inc, Canada, DlgSILENT GmbH, Germany & HOMER Energy by UL, USA invite all the Faculties & Researchers to join the Faculty Development Program on various subjects as follows. These all FDPs are FREE OF COST for Faculties & Researchers and all the successful participants will get PARTICIPATION CERTIFICATE on request for each subject they participate.

1. FDP on Power System Design & Simulation using DlgSILENT PowerFactory Software. (ANNEXURE - A)
2. FDP on Microgrid System Design & Simulation using HOMER Pro & HOMER Grid Software. (ANNEXURE - B)
3. FDP on Automation System Design & Simulation using Automation Studio Software. (ANNEXURE - C)

FDP Registration Link : <https://forms.gle/noN7RQsxYF3VKXhDA>

We also kindly request you to please download the demo software via the link shared below, this can be used during the program for the hands-on session. Please let us know if you have any issue in installing the software.

- DlgSILENT PowerFactory Software Demo Download : <https://www.digsilent.de/en/demo-request-31.html>
- HOMER Pro MicroGrid and HOMER Grid Demo Download :  
[https://users.homerenergy.com/account/sign\\_in](https://users.homerenergy.com/account/sign_in)
- AutomationStudio Software Demo download is not available from the manufacturer.

We also request you to forward the same information to concerned faculties, colleagues & friends so that, they also be part of this FDP. We, all at SimulationTech are looking forward to their active participants on the same.

Thanks and regards


Rajesh Jha  
Director

  
Principal  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501





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## Report on

## AUTOMATION DESIGN AND SIMULATION using AUTOSIMULATION SOFTWARE

Date: 21/3/2019

Target : Students and Faculty of GNIET

### Objective:

The primary objective of the online Faculty Development Program (FDP) on Automation Design and Simulation was to equip participants with advanced knowledge and practical skills in the field of automation, focusing specifically on design principles and simulation techniques. The program aimed to enhance participants' understanding of modern automation technologies, enabling them to incorporate innovative solutions into their teaching and research activities.

Department of Electronics & Telecommunication, GNIET have successfully organized one day on line Faculty Development Programme on "Automation Design & Simulation" on 21/03/2019 at 2.00 pm. ETC department GNIET organizes such type of program on a continuous basis to enhance student's practical & technical skill and to make them compatible with industry.

This Online FDP was aimed to provide knowledge about Complete automation Designing using simulation tool to test electronics & electrical circuit in software environment and also its Fabrication, PCB design software named Automation Studio. Almost 35 students 37 faculty members from ETC & other departments have participated in this online FDP.

Following content are covered in course.

- ✓ Electro hydraulic components
- ✓ Electropneumatic components
- ✓ Component properties
- ✓ PCB Design & Routing
- ✓ Circuit analysis
- ✓ AC DC Circuit analysis

  
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Mr. Rajesh Jha , M.D., Dellsoft Technologies ,New Delhi coordinated & executed this on line FDP y to make it successful in enhancing student's skill levels. After attending this course students are capable to design special-purpose PCB Of any electronics project. This online FDP will be helpful for students for circuit development of their final year project.

On 21<sup>ST</sup> March the first session of expert talk started at 2:00 PM by Mr. Rajesh Jha. He started with the introduction of PCB Designing, the Benefits of the course, and its applications. He explained the Schematic Design of the Circuit on the software automation studio., . The session of Hands-on started at 3:00. P.M., where the participants are provided with laboratory sessions on Schematic design & and PCB layout design on automation software tools.

All the students and faculty members were very excited about about participation in this workshop and requested for more workshops of similar way so that they can simultaneously gain the practical knowledge.

Dr.Sanjay Srivastava congratulated every student for participating event and making it successful.

### Key Outcomes:

**Enhanced Understanding of Automation Concepts:** Through interactive lectures and hands-on exercises, participants gained a deeper understanding of fundamental automation principles, including sensor integration, control systems, and industrial robotics.

**Proficiency in Design Software:** Participants acquired proficiency in utilizing industry-standard design software such as AutoCAD, SolidWorks, and Siemens NX for creating automated systems and simulating their performance.

**Simulation Techniques Mastery:** The FDP provided participants with practical training in simulation techniques using software tools like MATLAB Simulink and LabVIEW. This enabled them to model and analyze complex automation processes, optimizing system performance and efficiency.

**Case Studies and Real-World Applications:** By examining case studies and real-world applications of automation in various industries, participants gained insights into the practical implementation of automation solutions, enabling them to identify opportunities for research and innovation.

**Collaborative Learning and Networking:** The online format facilitated collaborative learning and networking among participants from diverse academic and industrial backgrounds. Through group discussions and interactive sessions, participants exchanged ideas, best practices, and experiences, fostering a vibrant learning community.

**Resource Sharing and Repository Development:** Participants contributed to the development of a comprehensive resource repository, comprising lecture notes, tutorials, simulation models, and



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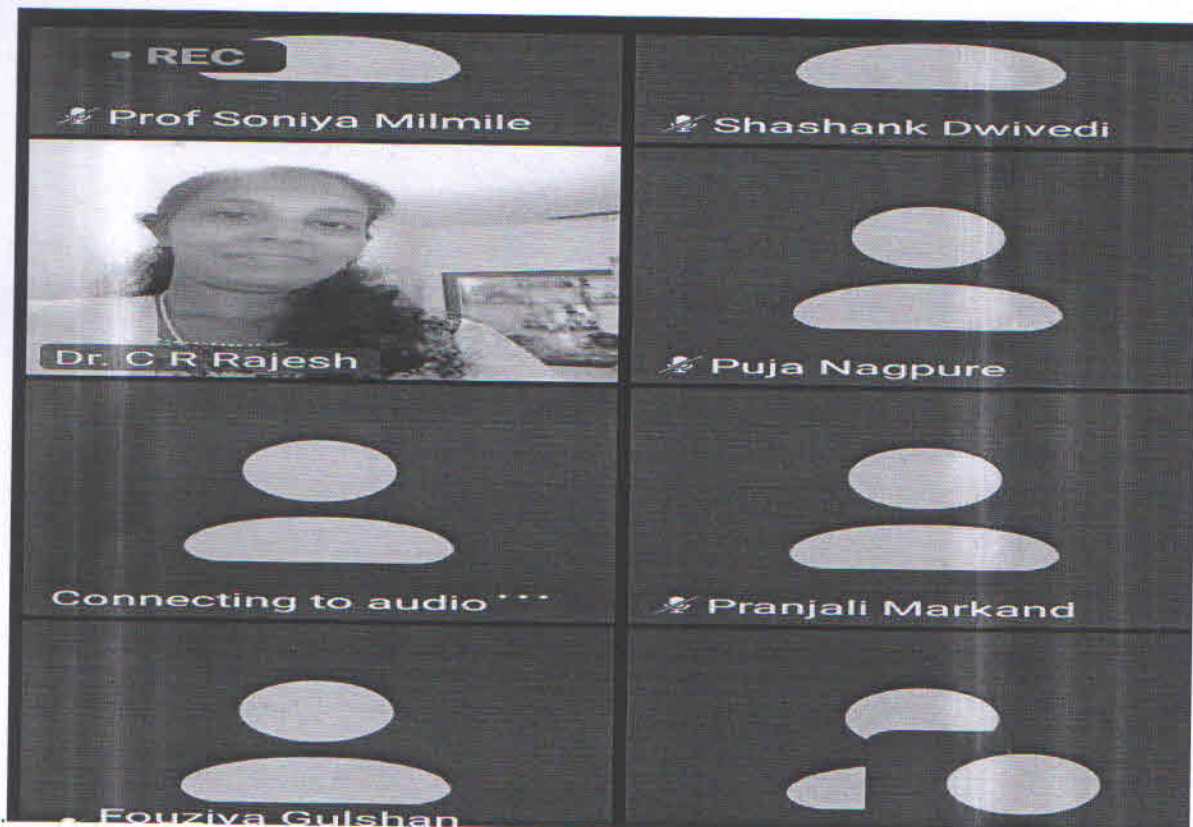
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reference materials. This repository serves as a valuable resource for ongoing learning and future research endeavors in the field of automation.

## Conclusion:

The online Faculty Development Program on Automation Design and Simulation provided participants with a transformative learning experience, equipping them with the knowledge, skills, and resources to excel in the rapidly evolving field of automation. By fostering collaboration, innovation, and practical application, the program empowered participants to drive positive change in their academic and professional endeavors, ultimately contributing to advancements in automation technology and its widespread adoption across industries.



Online Seminar on Automation Design & Simulation Date: 21/3/2019, GNIET

No of participants in the seminar is 40

HOD, ETC

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Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501

ATTENDANCE SHEET 2018-19

Date: 21/03/2019

Name of seminar/workshop: Automation Design & Simulation .

Sr no.	Name of student	Signature
1	AKASH PRAMOD MOON	Amoon .
2	AKSHATA SUNIL KAMBLE	Akamble
3	ANKITA ANAND TAMGADGE	ATamgade .
4	ANKITA KHUSHAL KALAMKAR	Akalamkar .
5	ARBAJ SIDDIQUI	Arbay .
6	ASHWINI . BURDE	Ashwini Burde .
7	BHARTI DILIP KOTHEKAR	BKothekar .
8	BHAVNA SHANTARAM BHURSE	Bhavna .
9	CHINMAY DILIP WANKAR	CWankar
10	DIVYA ARVIND GAJBHIYE	DGajbhiye .
11	POOJA SANJAY BHOYAR	Poojabhojar .
12	POOJA SHAMKANT GHANORKAR	Plhanorkar .
13	AASHIRWAD NAMDEO SAHARE	Ashirwad .
14	AJINKYA RAMESHWAR KOTHE	Akothé
15	AJINKYA SHANKAR DIGRASE	ADigrase .

  
Principal

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Technology Nagpur- 441501

  
Rant



ATTENDANCE SHEET 2018-19

Date: 21/31/2019

Name of seminar/workshop:

Automation Design & Simulation

Sr no.	Name of student	Signature
16	AKASH AVDHESH CHAVHAN	Achavan
17	AKSHAY KAPILESHWAR SAKHARE	ASakhare
18	ALPESH PANJAB BOMBATE	ABombate
19	AMOL DNYANESHWAR THAKRE	AmolThakre
20	ANIL GANRAJ MOHITE	AMohite
21	ANUJA RAVI THOOL	AnujaThool
22	BALAJI DNYANOBA BORGAVE	BBorgave
23	BHAVIK DILIPRAO BHENDE	BBhende
24	NEHAL ANAND SONE	NSone
25	NIKHIL KISHOR MANKAR	NMankar
26	NIKHIL MITHARAM DHOTE	MDhote
27	NIKHIL TANAJI CHARDE	NCharde
28	NIRMAL PANDURANG SHENDE	NShende
29	NITESH DEVIDAS DABARE	NDabare
30	POOJA MAROTI DHAMDAR	Pooja -
31	PRAJKTA ARUN CHAWARE	Prayakta
32	PRANALI ARUNRAO BEHARE	PranaliBehare
33	PRANALI VINOD DONGRE	PranaliDongre
34	PRANIK SUNIL DONGARE	PranikDongare
Sr.no	Name of students	Signature

**ATTENDANCE SHEET 2018-19**

Date: 21/03/19

Name of seminar/workshop:

Automation Design & simulation

35	PRATIK RAJKUMAR SAWANE	
36	PRATIKSHA BUDHAN SONARE	Prasane
37	PRATIKSHA PRAKASH BHOYAR	Pratiksha Sonare
38	PRAVIN MANOHAR DESHMUKH	Pratiksha Pravin Deshmukh

Sr no.	Name of student	Signature
39	PRIYA MAHADEV KHAJURIYA	Priya Khajuriya
40	POOJA SHESHRAO KUMBHARE	Pooja Kumbhare
41	RAKESH ARUN BHANGAR	Rakesh Bhangar
42	PRIYAL AJAYRAO CHATARKAR	Priyal
43	RATAN GAURIRAM DAS	Ratan Das
44	PRATIKSHA BHAGWAT CHAUDHARY	Pratiksha
45	SANKET SANJAYRAO SURJUSE	Sanket
46	SHRUSTI RAJENDRA MESHARAM	Shruti
47	SHUBHAM ANIL MURKUTE	Shubham
48	SHUBHAM ANIL MURKUTE	SMurkute
49	SHUBHANGI MANOJ DHAGE	Shage
50	SITESHWAR TULSIDAS ACHUTRA	Siteshwar

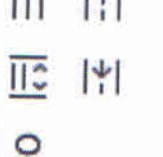
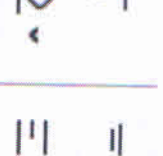
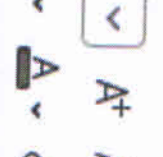
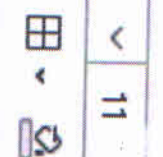
*[Signature]*  
Principal  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501

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FEEDBACK

Title: Automation Design and Simulation

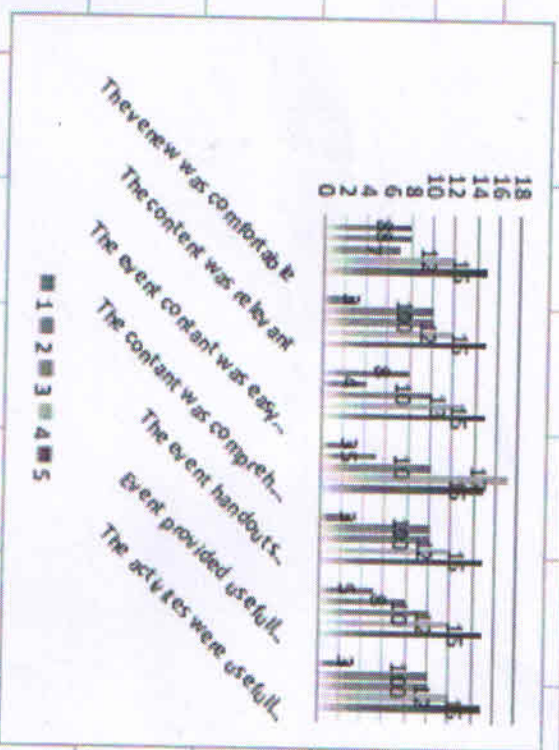
Date: 21/03/2019

Year: 2018-19

50

Enter the number between 1-5 where 5 Means Strongly Agree and 1 Means Strongly Dissagree

9		1	2	3	4	5
10	The venue was comfortable	8	8	7	12	15
11	The content was relevant	3	10	10	12	15
12	The event content was easy to understood	8	4	10	13	15
13	The content was comprehensive	3	5	10	17	15
14	The event handouts supported presentation	3	10	10	12	15
15	Event provided useful additional information	5	8	10	12	15
16	The activities were useful learning experiences	3	10	10	12	15



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Tu Narak Institute of Engineering & Technology Nagpur-441501

*[Signature]*



# GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY



Seminar on

**"Navigating Patent and Copyrights in  
the Digital age"**

- Organized by  
Department of  
• Electronics and Telecommunication  
Engg.

Venue: T2  
Auditorium

Date  
03/05/2019  
Time  
10.00 am

Prof. Deepak Deshpande  
ETC, GNIET

Prof. Neha Chourasia  
HOD, ETC, GNIET

Dr. Sanjiv. Shrivastav  
Principal  
GNIET



Guru Nanak Educational Society's  
**GURU NANAK INSTITUTE  
OF ENGINEERING & TECHNOLOGY**

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Dahegaon, Opp IOC Petrol pump, Kalmeshwar Road, Nagpur- 441501 Ph. 07118-661400  
Website: www.gniet.ac.in E-mail: gnietnagpur@gmail.com



**Department of Electronics and Telecommunication Engineering**

Session 2018-19

Date:-02/05/2019

**NOTICE**

All the Students of GNIET (ETC, CSE, EE) are here by informed that the Department of Electronics and Telecommunication Engineering is organizing a one day seminar on "Navigating Patents and Copyrights in the Digital Age" on 03/05/2019 at 10.00a.m. at Sardar Avtar Singh Kohli Memorial Auditorium, T2 – Building GNIET.

So it is mandatory for all the students and staff to present over there.

**Venue:** Sardar Avtar Singh Kohli Memorial Auditorium, T2 – Building GNIET

Time 10.00 am

Prof. Neha Chorasias  
ETC,GNIET

Prof Sucheta Raut  
HOD,ETC,GNIET

Copy to (information):-

Hon. Chairman, GNES

Hon. Principal, GNIET

Vice. Principal, GNIET

All HOD'S in various Department of GNIET

  
Principal  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501



Guru Nanak Educational Society's  
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Website: www.gnielac.in E-mail: gnielacnagpur@gmail.com



Invitation Letter

To,

30/04/2019

Prof. Madhubabu Bejjam

Asst. Controller, Patent & Designs

RGNIIPM, Nagpur

Dear sir

GNIET, Nagpur established in 2007 by GNES society is one of the top Engineering Colleges affiliated to RTMNU, Nagpur, approved by All India Council for Technical Education, New Delhi. We are committed to nurture the required expertise under one roof by creating competent and motivated technocrats and managers of tomorrow, who will use their technical knowledge and managerial qualities to confidently and successfully lead the organization.

It's my pleasure to inform you that, Electronics and Telecommunication Department in collaboration with , Research and Development Cell, GNIET is organizing one Day seminar on **'Navigating Patents and Copyrights in the Digital Age'**.

We are delighted to invite you to conduct technical session to enlighten our faculty members and students with your valuable suggestions for Patent and Copyright regulations.

We hope you will accept our request for this invitation and help our faculties together knowledge.

Following are the details of your schedule.

Topic of Seminar: **'Navigating Patents and Copyrights in the Digital Age'**.

Date:-03/05/2019

Venue:-T2 Auditorium GNIET

Time:-10.00am onwards

Thank & Regards,

  
Principal  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501

  
Principal,  
GNIET, Nagpur



# GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY



Seminar  
on

'Navigating Patents and Copyrights in  
the Digital Age'.

Venue: T2  
Auditorium

Organized by  
Department of  
Electronics and Telecommunication  
Engineering in association with  
RATNAGIRI GROUP

Date  
03/05/2019  
Time  
10.00 am

Prof. Nandkumar  
Bhosale, ENTEC

Prof. Pradip  
Kulkarni, ENTEC

Prof. Anurag  
Kulkarni, ENTEC

*Rat*

  
**Principal**  
Guru Nank Institute of Engineering &  
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## Report on Seminar

### Navigating Patents and Copyrights in the Digital Age

Dated: 03/05/2019

Target: Students of GNIET

#### Objective

**Understanding Intellectual Property Laws:** Participants should gain a comprehensive understanding of patent and copyright laws, including their scope, limitations, and implications in the digital landscape.

**Identifying Intellectual Property Assets:** Attendees should be able to identify and classify different types of intellectual property assets, including patents, copyrights, trademarks, and trade secrets, within their respective businesses or projects.

**Navigating Patent Processes:** Participants should learn about the patent application process, including requirements, procedures, and timelines, enabling them to navigate the process effectively and protect their inventions or innovations.

**Copyright Protection and Compliance:** Attendees should understand the basics of copyright protection, including what constitutes copyrightable material, how to obtain copyright protection, and strategies for complying with copyright laws in digital content creation and distribution.

The Department of Electronics and Telecommunication Engineering (ETC) at GNIET, in collaboration with the Research and Development Cell, hosted a seminal seminar on "Navigating Patents and Copyrights in the Digital Age" on 3<sup>rd</sup> May 2019. The event took place at the prestigious Auditorium Hall of GNIET.

  
Principal  
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**Dignitaries on the Dias of seminar 'Navigating Patents and Copyrights in the Digital Age'. ,Dated: 03/05/2019,GNIET,Nagpur**

The seminar commenced with an insightful introductory speech by Prof. Sandip Buradkar highlighting the pivotal role of patents in fostering innovation and protecting intellectual creations. Prof. Buradkar's speech set the tone for an engaging discourse on the intricate aspects of intellectual property rights.

The Seminar on Navigating Patents and Copyrights in the Digital Age held at an opportune time when digital innovations are reshaping intellectual property landscapes, the seminar aimed to shed light on the intricacies of patents and copyrights in contemporary digital contexts.

The seminar was graced by the esteemed presence of Prof. Madhubabu Bejjam, Assistant Controller of Patents and Designs at RGNIIPM, Nagpur, as the key speaker. Prof. Bejjam's extensive expertise in intellectual property rights provided attendees with invaluable insights into the evolving dynamics of patents and copyrights, particularly in the digital realm. Through case studies and real-world examples, Prof. Bejjam elucidated the nuances of patenting digital innovations and navigating copyright issues in an increasingly digitized world.

As a highlight of the event, Prof. Rajendra Bhombe, Vice Principal of GNIET, served as the guest of honor, underscoring the significance of the seminar in the academic and professional spheres. Prof. Bhombe's presence emphasized the institution's commitment to fostering knowledge exchange and staying abreast of contemporary developments in technology and law.

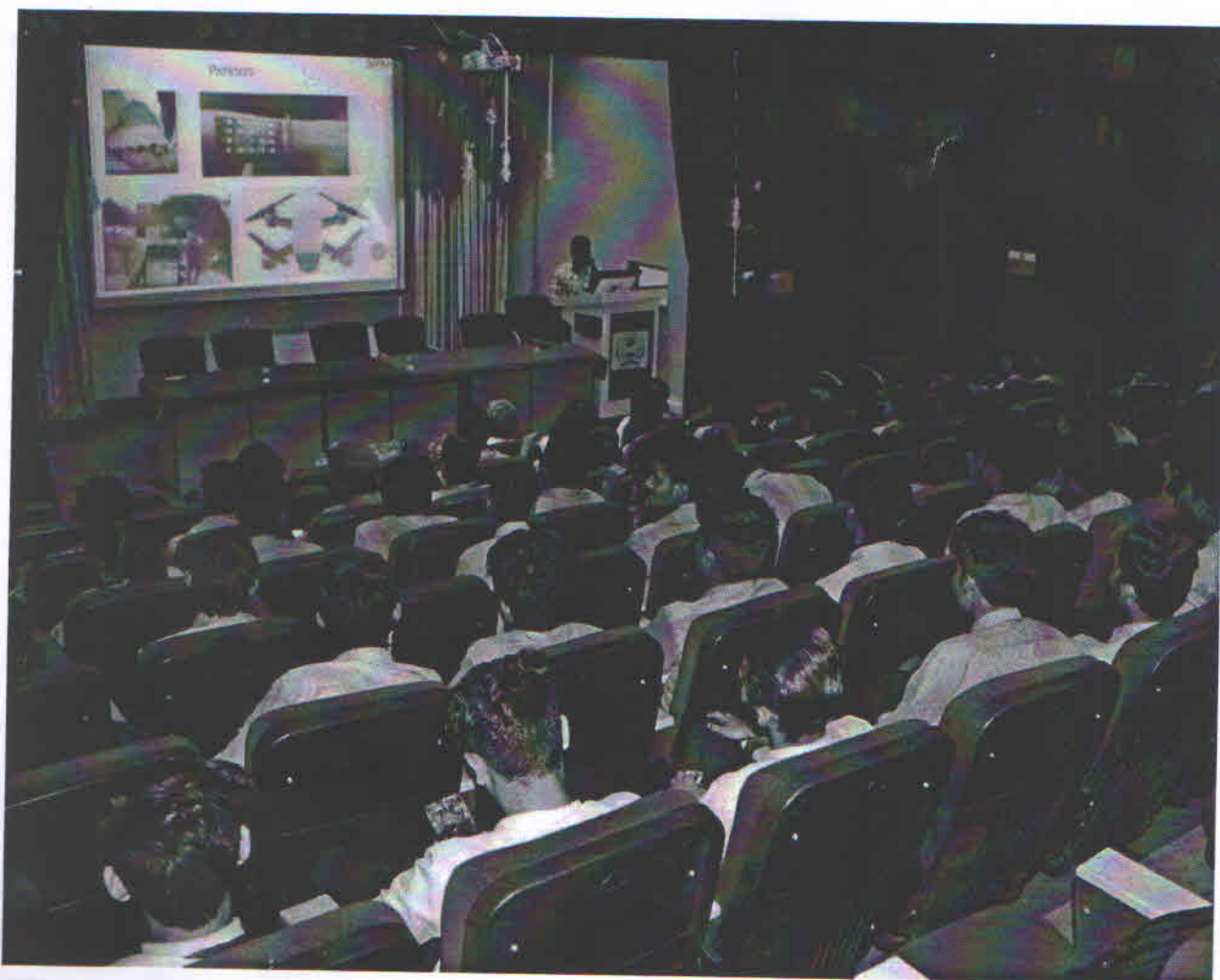


**Audience of seminar 'Navigating Patents and Copyrights in the Digital Age' .,Dated: 03/05/2019,GNIET,Nagpur**

The outcomes of the seminar were profound and multifaceted. Participants gained a comprehensive understanding of the legal frameworks governing patents and copyrights, with a particular focus on digital innovations. Moreover, the seminar served as a platform for networking and collaboration among industry experts, academics, and students, fostering a vibrant intellectual exchange that is essential for innovation and progress.

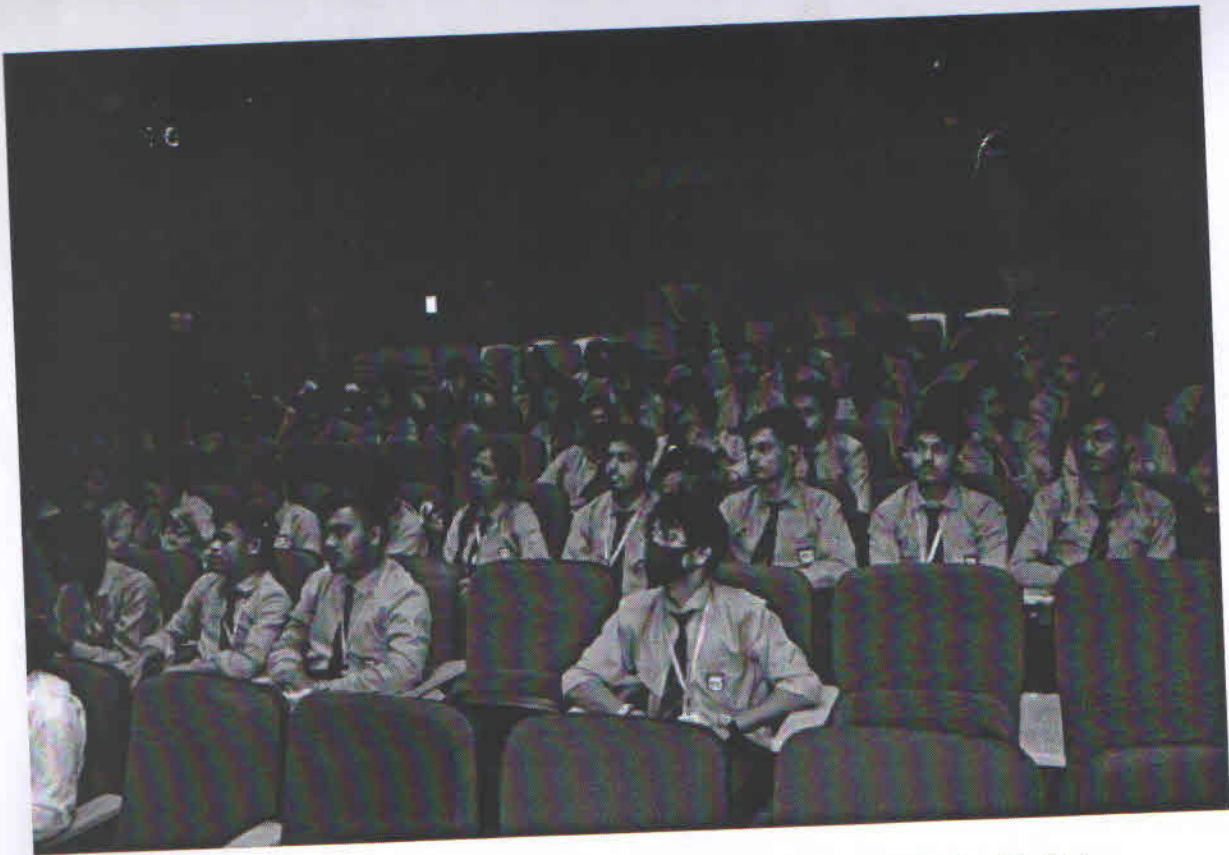
In conclusion, the Seminar on Navigating Patents and Copyrights in the Digital Age was a resounding success, thanks to the insightful presentations by Prof. Madhubabu Bejjam and the esteemed presence of Prof. Rajendra Bhombe. It not only enriched participants' understanding of intellectual property rights but also catalyzed discussions on the challenges and opportunities presented by digital innovation in the contemporary landscape.

*Principal*  
**Guru Nanak Institute of Engineering &  
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**Prof. Bejjam delivered his speech on 'Navigating Patents and Copyrights in the Digital Age'. ,Dated: 03/05/2019,GNIET,Nagpur**

  
**Principal**  
**Guru Nanak Institute of Engineering &  
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Participants of the seminar 'Navigating Patents and Copyrights in the Digital Age'. ,Dated: 03/05/2019,GNIET,Nagpur

Total no. Of students: 50

HOD,ETC

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Technology Nagpur- 441501

ATTENDANCE SHEET 2018-19

Date: 03/05/2019

Name of seminar/workshop: Navigating Patents & copyrights in the Digital Age.

Sr no.	Name of student	Signature
1	AKASH PRAMOD MOON	
2	AKSHATA SUNIL KAMBLE	Akash .
3	ANKITA ANAND TAMGADGE	Akamble .
4	ANKITA KHUSHAL KALAMKAR	Atamgade .
5	ARBAJ SIDDIQUI	Akalamkar .
6	ASHWINI . BURDE	Arqj
7	BHARTI DILIP KOTHEKAR	AshwinBurde .
8	BHAVNA SHANTARAM BHURSE	Bkothkar .
9	CHINMAY DILIP WANKAR	Bhavanaburse .
10	DIVYA ARVIND GAJBHIYE	Chinmay .
11	POOJA SANJAY BHOYAR	Djg
12	POOJA SHAMKANT GHANORKAR	PoojaBhojar .
13	AASHIRWAD NAMDEO SAHARE	Poojaghanorkar .
14	AJINKYA RAMESHWAR KOTHE	AKothe .
15	AJINKYA SHANKAR DIGRASE	Akoth
		Ajg

  
Principal




ATTENDANCE SHEET 2018-19

Date: 03/05/2019

Name of seminar/workshop: ✓ Navigating Patents & Copyrights in the Digital Age.

Sr no.	Name of student	Signature
16	AKASH AVDHESH CHAVHAN	<u>Achavan</u>
17	AKSHAY KAPILESHWAR SAKHARE	<u>A Sakhare</u>
18	ALPESH PANJAB BOMBATE	<u>ABombate</u>
19	AMOL DNYANESHWAR THAKRE	<u>Athakre</u>
20	ANIL GANRAJ MOHITE	<u>Amohite</u>
21	ANUJA RAVI THOOL	<u>Anuravool</u>
22	BALAJI DNYANOBA BORGAVE	<u>Balaji</u>
23	BHAVIK DILIPRAO BHENDE	<u>Bhavik</u>
24	NEHAL ANAND SONE	<u>Nehal</u>
25	NIKHIL KISHOR MANKAR	<u>Nikhil Sone</u>
26	NIKHIL MITHARAM DHOTE	<u>Nikhil Dhote</u>
27	NIKHIL TANAJI CHARDE	<u>N Charde</u>
28	NIRMAL PANDURANG SHENDE	<u>Nirmalshende</u>
29	NITESH DEVIDAS DABARE	<u>N Dabare</u>
30	POOJA MAROTI DHAMDAR	<u>Pooja Dhamdar</u>
31	PRAJKTA ARUN CHAWARE	<u>Praj Chaware</u>
32	PRANALI ARUNRAO BEHARE	<u>Pranali Behare</u>
33	PRANALI VINOD DONGRE	<u>Pranali Dongre</u>
34	PRANIK SUNIL DONGARE	<u>Pranik</u>
Sr.no	Name of students	Signature

  
Principal  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501

  
Raut



Guru Nanak Educational Society's  
**GURU NANAK INSTITUTE  
 OF ENGINEERING & TECHNOLOGY**

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 Website : www.gniet.ac.in E-mail : gnietnagpur@gmail.com



**ATTENDANCE SHEET 2018-19**

**Date:** 03/05/2019

**Name of seminar/workshop:** Navigating Patents & copyrights in the Digital Age -

35	PRATIK RAJKUMAR SAWANE	<i>Pratik Sawane</i>
36	PRATIKSHA BUDHAN SONARE	<i>Pratiksha Sonare</i>
37	PRATIKSHA PRAKASH BHOYAR	<i>Pratiksha Bhojar</i>
38	PRAVIN MANOHAR DESHMUKH	<i>Pravin Deshmukh</i>

Sr no.	Name of student	Signature
39	PRIYA MAHADEV KHAJURIYA	<i>Priya</i>
40	POOJA SHESHRAO KUMBHARE	<i>Pooja Kumbhare</i>
41	RAKESH ARUN BHANGAR	<i>Rakesh</i>
42	PRIYAL AJAYRAO CHATARKAR	<i>Priyal</i>
43	RATAN GAURIRAM DAS	<i>Ratan Das</i>
44	PRATIKSHA BHAGWAT CHAUDHARY	<i>Pratiksha</i>
45	SANKET SANJAYRAO SURJUSE	<i>Sanjuse</i>
46	SHRUSTI RAJENDRA MESHRAM	<i>Shruti</i>
47	SHUBHAM ANIL MURKUTE	<i>Shubham</i>
48	SHUBHAM ANIL MURKUTE	<i>Shubham</i>
49	SHUBHANGI MANOJ DHAGE	<i>Shubhangi</i>
50	SITESHWAR TULSIDAS ACHUTRA	<i>Siteshwar</i>

*[Signature]*  
 Principal  
 Guru Nanak Institute of Engineering &  
 Technology Nagpur- 441501

*[Signature]*

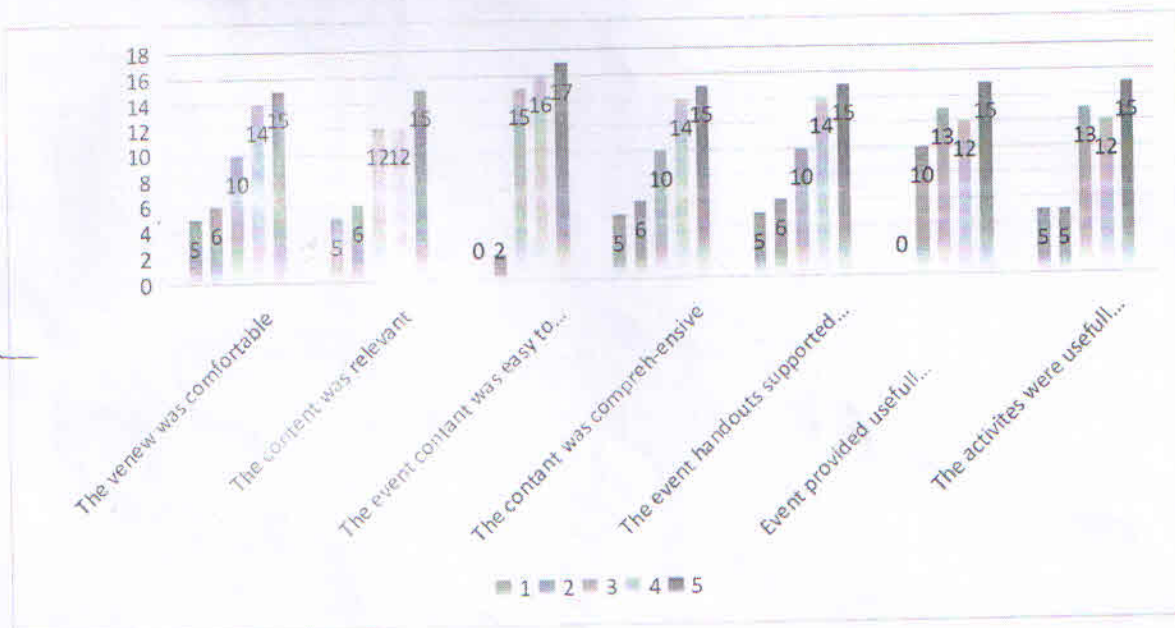
# Title: Guest lecture on Navigating Patents and Copyrights in the Digital Age

Year: 2018-2019

Number of Responses: 50

Enter the number between 1-5 where 5 Means Strongly Agree and 1 Means Strongly Disagree

	1	2	3	4	5
The venue was comfortable	5	6	10	14	15
The content was relevant	5	6	12	12	15
The event content was easy to understand	0	2	15	16	17
The content was comprehensive	5	6	10	14	15
The event handouts supported presentation	5	6	10	14	15
Event provided useful additional information	0	10	13	12	15
The activities were useful learning experiences	5	5	13	12	15







# GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY



FDP  
on

**"Outcome based Education System"**

Organized by  
Department of  
Electronics and Telecommunication  
Engg.

Venue: T2  
Auditorium

Date  
09/05/2019  
Time  
10.00 am

Prof. Deepak Deshpande  
ETC, GNIET

Prof. Neta Chourasia  
HOD, ETC, GNIET

Dr. Sanjiv, Shrivastav  
Principal  
GNIET



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**Department of Electronics and Telecommunication Engineering**

Session 2018-19

Date:-07/05/2019

**NOTICE**

All the Faculties of GNIET (ETC, CSE, EE,ASH,MBA) are here by informed that the Department of Electronics and Telecommunication Engineering in association with R&D Cell is organizing a One Day FDP on "**Outcome based Education System**" on 9/05/2019 at Sardar Avtar Singh Kohli Memorial Auditorium, T2 – Building GNIET.

**Time** : 10 am onwards

Prof. Deepak Deshpande  
ETC,GNIET

Prof. Sucheta Raut  
HOD,ETC,GNIET

**Venue:** Sardar Avtar Singh Kohli Memorial Auditorium, T2 – Building GNIET

**Copy to (information):-**

**Hon. Chairman, GNES**

**Hon. Principal, GNIET**

**Vice. Principal, GNIET**

**All HOD'S in various Department of GNIET**

**Principal**

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## Invitation Letter

06/05/2019

To,

Dr. Sanjay Warkhad

Professor, EED,

P.R. Pote Patil College of Engg. & Management

Dear sir

GNIET, Nagpur established in 2007 by GNES society is one of the top Engineering Colleges affiliated to RTMNU, Nagpur, approved by All India Council for Technical Education, New Delhi and Director of Technical Education, Maharashtra, accredited by National Assessment and Accreditation Council and certified by ISO.

GNIET offers best quality technical education to produce skilled technical manpower meeting international standards and global requirements ensuring optimal utilization of available resources. We are committed to nurture the required expertise under one roof by creating competent and motivated technocrats and managers of tomorrow, who will use their technical knowledge and managerial qualities to confidently and successfully lead the organization.

It's my pleasure to inform you that, Electronics and Telecommunication Department in collaboration with , Research and Development Cell, GNIET is organizing One Day FDP on 'Outcome based Education System on 9th May 2019.

  
**Principal**  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501

We are delighted to invite you to conduct technical session to enlighten our faculty members with your valuable suggestions for advancement 'Teaching learning scheme'.

We hope you will accept our request for this invitation and help our faculties to gather knowledge about

Following are the detail sof your schedule:

Topic of FDP: " Outcome based Education System"

Date:-09/05/2019

Target :Faculty members of GNIET

Venue:-T2 Auditorium GNIET

Time:-10.30am onwards

Thank&Regards,



Principal,

GNIET, Nagpur

  
Principal  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501



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## Report on FDP

### Outcome-Based Education System

Date: 9/5/2019

Target Audience: Students and Faculty of GNIET

Resource Person: Dr. Sanjay Warkhad, Associate Professor, P.R.Pote Engineering College and Management, Amarawati.

#### Objective:

The objective of the Faculty Development Program (FDP) on Outcomes-Based Education (OBE) System is to equip educators with the necessary knowledge, skills, and strategies to effectively implement and sustain an outcomes-based approach to teaching and learning in their respective institutions. The key objectives include:

**Understanding OBE Principles:** Provide participants with a comprehensive understanding of the principles, concepts, and components of outcomes-based education, including defining learning outcomes, designing curriculum, implementing assessment strategies, and continuous improvement processes.

**Curriculum Design and Alignment:** Enable participants to develop and align curricula, instructional strategies, and assessment methods with clearly defined learning outcomes, ensuring coherence, relevance, and effectiveness in achieving educational goals.

**Assessment Strategies Development:** Equip participants with strategies and tools for designing valid, reliable, and authentic assessment methods to measure student achievement of intended learning outcomes, including formative and summative assessment techniques.

**Student-Centered Teaching Practices:** Promote student-centered teaching and learning approaches that foster active engagement, critical thinking, problem-solving, and lifelong learning skills among students, aligning with the principles of OBE.

**Quality Assurance and Continuous Improvement:** Provide participants with frameworks and processes for quality assurance and continuous improvement in OBE implementation, including monitoring, evaluation, feedback mechanisms, and incorporating stakeholder input to enhance program effectiveness.

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Capacity Building and Professional Development: Support the professional development and capacity-building of faculty and educational administrators to effectively lead and support the implementation of OBE initiatives within their institutions, fostering a culture of innovation, collaboration, and excellence in teaching and learning.

Promoting Learner Outcomes and Employability: Emphasize the importance of OBE in promoting desired learner outcomes, including knowledge, skills, competencies, and attitudes, that are relevant to the needs of employers and society, thereby enhancing students' employability and career prospects.

By achieving these objectives, the FDP aims to empower educators to embrace and implement outcomes-based education effectively, thereby enhancing the quality, relevance, and outcomes of higher education programs and contributing to the holistic development of students as competent and responsible professionals and citizens.

On May 9th, 2019, a one-day Faculty Development Program (FDP) focusing on the Outcome-Based Education (OBE) system was conducted by Dr. Sanjay Warkhad, Professor at P.R. Pote College of Engineering and Management, Amravati. The workshop took place at Guru Nanak Institute of Engineering and Technology (GNIET), Nagpur, organized by the Electronics and Telecommunication (ETC) department in collaboration with the Research and Development (R&D) Cell of GNIET.

The FDP aimed to introduce and enhance understanding of the Outcome-Based Education system among the faculty members. OBE emphasizes defining clear and measurable learning outcomes, aligning teaching methods and assessment strategies with those outcomes, and continuously assessing and improving the educational process to ensure desired outcomes are achieved.

Dr. Warkhad facilitated discussions and presentations on various aspects of OBE, including curriculum design, assessment techniques, and student-centered learning approaches. Participants engaged in interactive sessions to explore practical implementation strategies and share best practices.

  
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**Prof. Bhombe was felicitated by Dr. Ragit , Outcome-Based Education System Date: 9/5/2019,GNIET,Nagpur**

Professor Rajendra Bhombe, Vice Principal, GNIET graced the occasion as the Guest of Honor, providing valuable insights and encouragement to the participants. His presence added significant value to the workshop, inspiring educators to embrace OBE principles and adapt their teaching methodologies accordingly.

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**Dr . Warkhad delivered a speech on Outcome-based Education , Outcome-Based Education System Date: 9/5/2019,GNIET,Nagpur**

  
**Principal**  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501



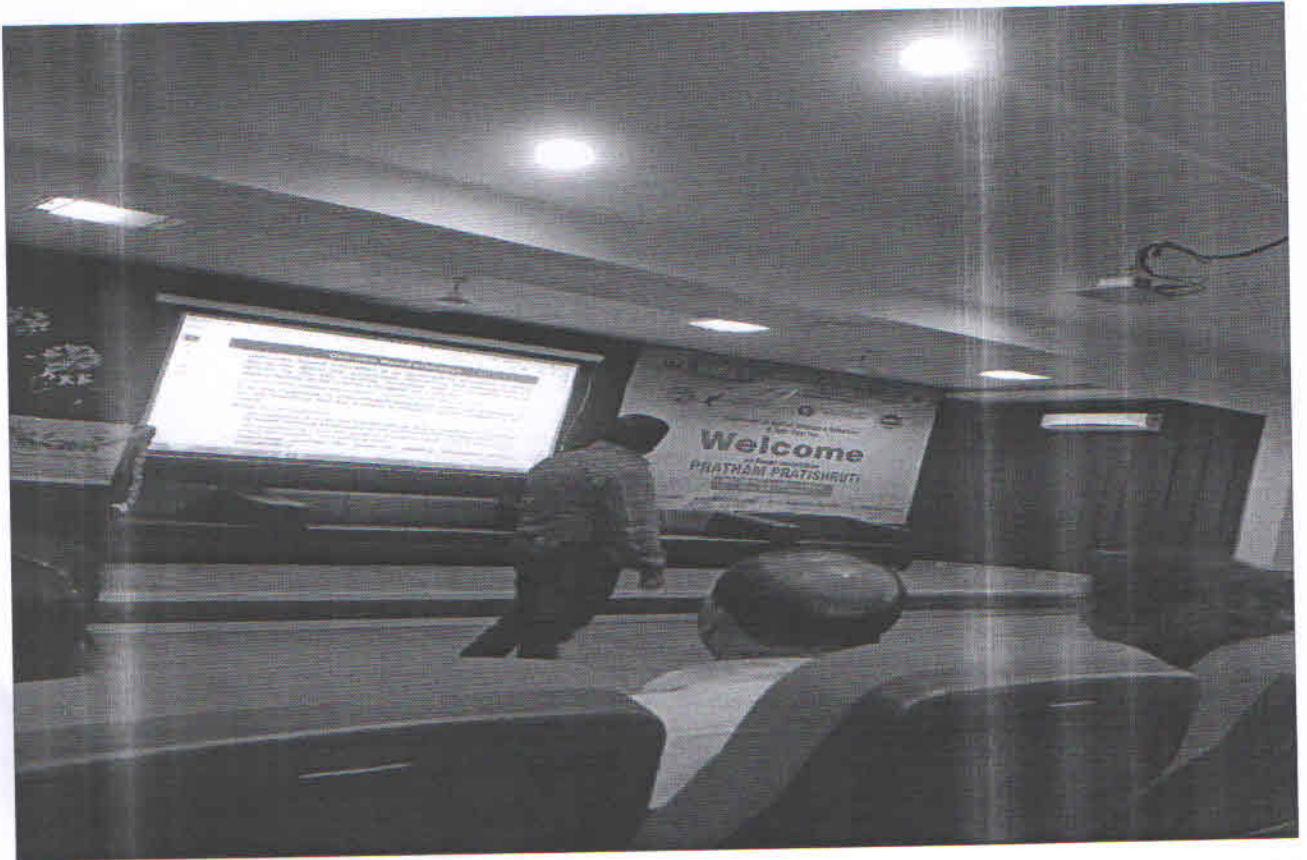
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Prof. Sucheta Raut, HOD, ETC, Dr. Satishchandra Ragit, Dean, Academic, and faculty members of all departments were present in this Faculty Development Programme.

  
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Prof. Warkhad explained different domains of Outcome based education in the seminar dated 09/05/2019, GNIET, Nagpur

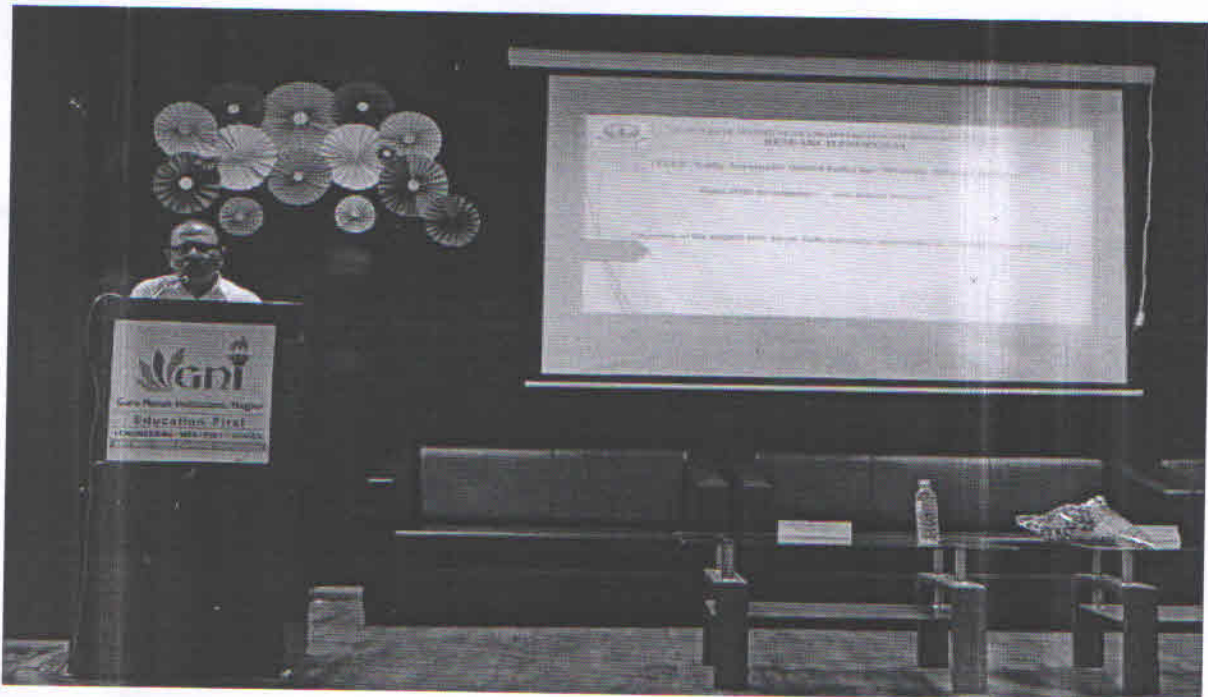
  
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Website: [www.gniet.ac.in](http://www.gniet.ac.in) Email: [gnietnagpur@gmail.com](mailto:gnietnagpur@gmail.com)



**Prof. Deepak Deshpande expressed a Vote of Thanks, Outcome-Based Education System Date: 9/5/2019, GNIET, Nagpur**

## Outcomes of FDP

The outcomes of the FDP were multifaceted. Firstly, participants gained a deeper understanding of the OBE framework and its relevance in contemporary educational practices. They learned to develop course objectives and learning outcomes that are specific, measurable, achievable, relevant, and time-bound (SMART). Moreover, faculty members acquired skills to design assessment methods that align with the desired learning outcomes, fostering a more holistic approach to evaluating student performance.

Furthermore, the FDP fostered collaboration and networking among educators, enabling the exchange of ideas and experiences related to OBE implementation. Participants left the workshop equipped with practical tools and strategies to integrate OBE principles into their teaching methodologies, ultimately enhancing the quality of education imparted to students.












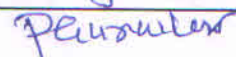
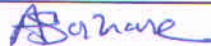


  
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HOD, ETC

ATTENDANCE SHEET 2018-19

Date:

Name of seminar/workshop:  Seminar on Outcome based education System

Sr no.	Name of student	Signature
1	AKASH PRAMOD MOON	
2	AKSHATA SUNIL KAMBLE	
3	ANKITA ANAND TAMGADGE	
4	ANKITA KHUSHAL KALAMKAR	
5	ARBAJ SIDDIQUI	
6	ASHWINI . BURDE	
7	BHARTI DILIP KOTHEKAR	
8	BHAVNA SHANTARAM BHURSE	
9	CHINMAY DILIP WANKAR	
10	DIVYA ARVIND GAJBHIYE	
11	POOJA SANJAY BHOYAR	
12	POOJA SHAMKANT GHANORKAR	
13	AASHIRWAD NAMDEO SAHARE	
14	AJINKYA RAMESHWAR KOTHE	
15	AJINKYA SHANKAR DIGRASE	

  
Principal  
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Technology Nagpur- 441501



**ATTENDANCE SHEET 2018-19**

Date:

Name of seminar/workshop:

Seminar on 'Outcome based Education system'

Sr no.	Name of student	Signature
16	AKASH AVDHESH CHAVHAN	<u>Abosh.</u>
17	AKSHAY KAPILESHWAR SAKHARE	Asakhr
18	ALPESH PANJAB BOMBATE	ABombate
19	AMOL DNYANESHWAR THAKRE	Athakre
20	ANIL GANRAJ MOHITE	Amohite
21	ANUJA RAVI THOOL	Anjedthool
22	BALAJI DNYANOBA BORGAVE	Balaji
23	BHAVIK DILIPRAO BHENDE	Bhavik
24	NEHAL ANAND SONE	Nehal
25	NIKHIL KISHOR MANKAR	Mankar
26	NIKHIL MITHARAM DHOTE	N Dote
27	NIKHIL TANAJI CHARDE	N Charde
28	NIRMAL PANDURANG SHENDE	N Shende
29	NITESH DEVIDAS DABARE	N Dabare
30	POOJA MAROTI DHAMDAR	
31	PRAJKTA ARUN CHAWARE	
32	PRANALI ARUNRAO BEHARE	Pranali
33	PRANALI VINOD DONGRE	
34	PRANIK SUNIL DONGARE	PrDongre
Sr.no	Name of students	Signature

Principal  
Guru Nanak institute of Engineering &  
Technology Nagpur- 441501

Grant

**ATTENDANCE SHEET 2018-19**

**Date:**

**Name of seminar/workshop:**

Seminar on Outcome Based Education System.

35	PRATIK RAJKUMAR SAWANE	Pratik
36	PRATIKSHA BUDHAN SONARE	Pratiksha
37	PRATIKSHA PRAKASH BHOYAR	Pratiksha
38	PRAVIN MANOHAR DESHMUKH	Pravin

Sr no.	Name of student	Signature
39	PRIYA MAHADEV KHAJURIYA	Priya
40	POOJA SHESHRAO KUMBHARE	
41	RAKESH ARUN BHANGAR	Rakshar
42	PRIYAL AJAYRAO CHATARKAR	
43	RATAN GAURIRAM DAS	Ratnas
44	PRATIKSHA BHAGWAT CHAUDHARY	Pratiksha
45	SANKET SANJAYRAO SURJUSE	
46	SHRUSTI RAJENDRA MESHRAM	Shruti
47	SHUBHAM ANIL MURKUTE	
48	SHUBHAM ANIL MURKUTE	Shubham
49	SHUBHANGI MANOJ DHAGE	
50	SITESHWAR TULSIDAS ACHUTRA	Siteshwar

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*Signature*

Microsoft Word ribbon: Home, Insert, Page Layout, Formulas, Data, Review, View, Tools, Smart Toolbox, Upgrade now, Share, Conditional Formatting.

Document Title: Basics of Artificial Intelligence

File Name: GNIETPrft(1).docx

Objective of Incubation centre

Year: 2018-19

Date: 09/05/2019

Enter the number between 1-5 where 5 Means Strongly Agree and 1 Means Strongly Disagree

	1	2	3	4	5
10 The venue was comfortable	1	2	3	4	5
11 The content was relevant	4	8	3	12	15
12 The event content was easy to understand	3	6	6	12	15
13 The content was comprehensive	8	4	6	9	15
14 The event handouts supported presentation	3	1	10	13	15
15 Event provided useful additional information	3	6	6	12	15
16 The activities were useful learning experiences	5	4	6	12	15

Bar chart showing the distribution of responses for each statement. The Y-axis represents the number of responses (0 to 16). The X-axis represents the rating (1 to 5).

- There were comfortable: 16 responses (Rating 1)
- The content was relevant: 15 responses (Rating 4)
- The event content was easy to understand: 15 responses (Rating 3)
- The content was comprehensive: 15 responses (Rating 8)
- The event handouts supported presentation: 15 responses (Rating 3)
- Event provided useful additional information: 15 responses (Rating 6)
- The activities were useful learning experiences: 15 responses (Rating 5)

Legend for the bar chart:

- 1: There were comfortable
- 2: The content was relevant
- 3: The event content was easy to understand
- 4: The content was comprehensive
- 5: The event handouts supported presentation
- 6: Event provided useful additional information
- 7: The activities were useful learning experiences

Worksheet: Sheet1

Search: Type here to search

System tray: 33°C Sunny, 74%, 11:21, 04-05-2024

*Prat*

5



# GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY



Seminar on

**"Unlocking Earth's secrets: Remote Sensing Insights from ISRO"**

Organized by  
Department of  
Electronics and Telecommunication  
Engg.

Date  
11/05/2019  
Time  
10.00 am

Venue: T2 Auditorium

Prof. Neha Chourasia  
Co.ordinator  
ETC, GNIET

Prof. Sucheta Raut  
HOD, ETC, GNIET

Dr. Sanjiv. Shrivastav  
Principal  
GNIET

**Principal**  
Guru Nanak Institute of Engineering & Technology  
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Website: www.gniet.ac.in E-mail: gnietnagpur@gmail.com



**Department of Electronics and Telecommunication Engineering**

**Session 2018-19**

**Date:-09/05/2019**

**NOTICE**

All the Fourth sem Students of ETC,GNIET are hereby informed that the Department of Electronics and Telecommunication Engineering is organizing a one day seminar on **Unlocking Earth's secrets: Remote sensing insights from ISRO.**

Seminar is scheduled on **11/05/2019** at **10.00a.m.** at RRSC Hall


So it is mandatory for all the students to present over there.

**Venue:**RRSC Auditorium Hall,Nagpur

Time 10.00 am onwards

  
Prof. Neha Chorasias

**ETC,GNIET**

  
Prof Sucheta Raut  
**HOD,ETC,GNIET**

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2. Hon. Principal, GNIET
3. Vice. Principal, GNIET

  
**Principal**  
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Website: www.gniet.ac.in E-mail: gnietnagpur@gmail.com



**Department of Electronics and Telecommunication Engineering**

**Session 2018-19**

**Date:-09/05/2019**

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**Venue:**RRSC Auditorium Hall,Nagpur

Time 10.00 am onwards

Prof. Neha Chorasia

**ETC,GNIET**

Prof Sucheta Raut

**HOD,ETC,GNIET**

Copy to (information):-

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2. Hon. Principal, GNIET
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Website: www.gniet.ac.in E-mail: gnietnagpur@gmail.com



**Invitation Letter**

30/04/2019

To,

**Dr. Girish Kumar**

**Scientist,RRSC,Nagpur**

Dear sir

GNIET, Nagpur established in 2007 by GNES society is one of the top Engineering Colleges affiliated to RTMNU, Nagpur, approved by All India Council for Technical Education, New Delhi and Director of Technical Education, Maharashtra, accredited by National Assessment and Accreditation Council and certified by ISO.

GNIET offers best quality technical education to produce skilled technical manpower meeting international standards and global requirements ensuring optimal utilization of available resources.

We are committed to nurture the required expertise under one roof by creating competent and motivated technocrats and managers of tomorrow, who will use their technical knowledge and managerial qualities to confidently and successfully lead the organization.

It's my pleasure to inform you that, Electronics and Telecommunication Department in collaboration with, Research and Development Cell, GNIET is organizing one day seminar on **Unlocking Earth's secrets: Remote sensing insights from ISRO**

We are delighted to request you to conduct technical session to enlighten our faculty members and students with your valuable knowledge about remote sensing technology.

Following are the details of your schedule.

Topic of Seminar: **Unlocking Earth's secrets: Remote sensing insights from ISRO**

Date: -11/05/2019

Venue: -Auditorium Hall, RRSC

Time: -10.00am onwards

Principal,  
GNIET Nagpur

Principal  
Guru Nanak Institute of Engineering &  
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Guru Nanak Educational Society's



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Dahegaon, Opp. IOC Petrol Pump, Kalmeshwar Road, Nagpur - 441501 Ph. 07118-661400  
Website: [www.gniet.ac.in](http://www.gniet.ac.in) Email: [gnietnagpur@gmail.com](mailto:gnietnagpur@gmail.com)



Report on Seminar

## Unlocking Earth's secrets: Remote sensing insights from ISRO

Date: 11/05/2019

Location: Regional Centre, ISRO, Nagpur

Presenter: Dr. Girish Kumar, Scientist, Remote Sensing Station, Nagpur

Target Audience: Students of Electronics and Telecommunication (ETC) Department, GNIET

### Objective:

The seminar aimed to provide students with valuable insights into the applications and significance of remote sensing technologies, particularly in the context of the Earth observation missions conducted by the Indian Space Research Organization (ISRO). Dr. Girish Kumar, an esteemed scientist from the Remote Sensing Station in Nagpur, led the seminar, intending to broaden the students' understanding of remote sensing and its role in various fields.

### Seminar Highlights and Outcomes:

Dr. Girish Kumar commenced the seminar by providing an overview of remote sensing, emphasizing its role in gathering data about the Earth's surface without direct physical contact. He delved into the different remote sensing techniques, including passive and active sensors, and their applications in agriculture, forestry, urban planning, disaster management, and environmental monitoring.

  
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**Dr. Girish Kumar, delivered the lecture ,on Unlocking Earth's secrets: Remote sensing insights from ISRO Date: 11/05/2019 ,GNIET ,Nagpur**

Furthermore, Dr. Kumar showcased several successful ISRO missions, such as the Cartosat series, RISAT series, and RESOURCESAT series, highlighting their contributions to mapping, land use planning, and natural resource management. He elaborated on the advanced imaging capabilities of these satellites, which enable high-resolution mapping and monitoring of dynamic environmental changes.

  
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Dr. Girish Kumar, delivered the lecture ,on Unlocking Earth's secrets: Remote sensing insights from ISRO Date: 11/05/2019 ,GNIET ,Nagpur

  
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The seminar also addressed the role of remote sensing in climate change research and mitigation efforts. Dr. Kumar discussed how satellite data analysis helps in tracking global climate patterns, monitoring deforestation, and assessing the impact of human activities on the environment.

Moreover, Dr. Kumar engaged the audience with interactive sessions, encouraging students to ask questions and participate in discussions about potential career opportunities in the field of remote sensing and satellite technology.



**Dr. Girish Kumar, delivered the lecture ,on Unlocking Earth's secrets: Remote sensing insights from ISRO Date: 11/05/2019 ,GNIET ,Nagpur**

Prof. Deepak Deshpande, Coordinator of this event extended his sincere gratitude to Dr. Girish Kumar for his enlightening seminar on remote sensing insights from ISRO. He

  
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emphasized the significance of such sessions in enriching students' knowledge and fostering their interest in cutting-edge technologies. Prof. Deshpande also thanked the students for their active participation and urged them to explore further opportunities in the field of remote sensing.

In conclusion, the seminar conducted by Dr. Girish Kumar provided students with a comprehensive understanding of remote sensing technologies and their diverse applications, empowering them to consider future endeavors in this exciting and rapidly evolving field.

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HOD,ETC

*Prat*  
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**ATTENDANCE SHEET 2019-20**

Date: 11/05/2019

Name of seminar/workshop: Unlocking Earth's secrets  
Remote sensing Insights.

22	BALAJI DNYANOBA BORGAVE	Balaji
23	BHAVIK DILIPRAO BHENDE	Bhavik
24	NEHAL ANAND SONE	Blue - Nehal
25	NIKHIL KISHOR MANKAR	Nikhil
26	NIKHIL MITHARAM DHOTE	Nikhil
27	NIKHIL TANAJI CHARDE	Nikhil
28	NIRMAL PANDURANG SHENDE	Nirmal
29	NITESH DEVIDAS DABARE	Nitesh
30	POOJA MAROTI DHAMDAR	Pooja
31	PRAJKTA ARUN CHAWARE	Prajakta
32	PRANALI ARUNRAO BEHARE	Pranali
33	PRANALI VINOD DONGRE	Pranali
34	PRANIK SUNIL DONGARE	Pranika
<b>Sr.no</b>	<b>Name of students</b>	<b>Signature</b>
35	PRATIK RAJKUMAR SAWANE	Pratik
36	PRATIKSHA BUDHAN SONARE	Pratiksha
37	PRATIKSHA PRAKASH BHOYAR	Pratiksha
38	PRAVIN MANOHAR DESHMUKH	Pravin

Pat

<b>Sr no.</b>	<b>Name of student</b>	<b>Signature</b>
39	PRIYA MAHADEV KHAJURIYA	<i>[Signature]</i>

Guru Nanak Institute of Engineering & Technology Nagpur- 441501



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**ATTENDANCE SHEET 2019-20**

Name of seminar/workshop:

Unlocking Earth's secrets  
 Remote sensing insites.

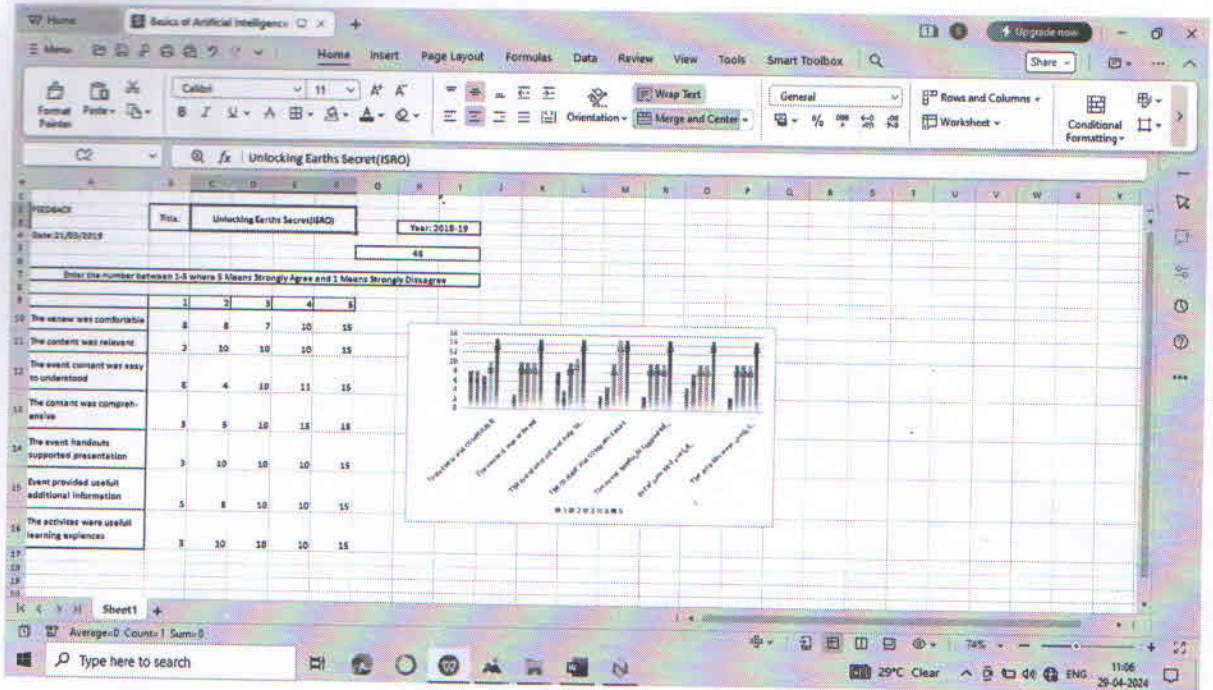
Date: 11/05/2019

40	POOJA SHESHRAO KUMBHARE	
41	RAKESH ARUN BHANGAR	Professor
42	PRIYAL AJAYRAO CHATARKAR	Rakesh
43	RATAN GAURIRAM DAS	
44	PRATIKSHA BHAGWAT CHAUDHARY	
45	SANKET SANJAYRAO SURJUSE	
46	SHRUSTI RAJENDRA MESHAM	Scout
47	SHUBHAM ANIL MURKUTE	
48	SHUBHAM ANIL MURKUTE	
49	SHUBHANGI MANOJ DHAGE	Shubham
50	SITESHWAR TULSIDAS ACHUTRA	
51	SUMIT BALU GAWANDE	
52	SUSHANT SHAMRAO GONDULE	Sunil
53	ABHISHEK MILIND SHMBHARKAR	
54	AMIT PRAMOD PANCHAM	Abhishek
55	ANKITA SUNIL RANGARI	
56	DAMINI RAJESH DOIFODE	
57	DIVYA DATTA DHOTE	
58	DUSHYANT CHHAGAN SAHARE	
59	KALYANI DURYODHAN CHAUHARY	
60	ANKITA TIWARI	Ankita Tiwari

Principal

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Spoke



*Spat*

Principal  
 Guru Nanak Institute of Engineering &  
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# GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY



Seminar on

**"Auto levelling System for Textile machine "**

Organized by  
Department of  
• Electronics and Telecommunication  
Engg.

Venue: T2  
Auditorium

Date  
27/05/2019  
Time  
1.00 pm

Prof. Neha Chourasia  
Co ordinator  
ETC, GNIET

Prof. Sucheta Raut  
HOD, ETC, GNIET

Dr. Sanjiv. Shrivastav  
Principal  
GNIET



## Invitation Letter

Date: 22/05/2019

To,

**Dr. Balram Timande**

**GPCOE, Nagpur**

Dear sir

GNIET, Nagpur established in 2007 by GNES society is one of the top Engineering Colleges affiliated to RTMNU, Nagpur, approved by All India Council for Technical Education, New Delhi. GNIET offers best quality technical education to produce skilled technical manpower.

We are committed to nurture the required expertise under one roof by creating competent and motivated technocrats and managers of tomorrow, who will use their technical knowledge and managerial qualities to confidently and successfully lead the organization.

It's my pleasure to inform you that, Electronics and Telecommunication Department in collaboration with, Research and Development Cell, GNIET is organizing one day seminar on 'Auto leveling system for textile machine carding' on 27/05/2019 at auditorium hall of GNIET.

We are delighted to invite you to conduct technical session to enlighten our faculty members and students with your valuable suggestions for advancement of image processing. We hope you will accept our request for this invitation and help our faculties to gather knowledge about auto leveling system.

Following are the details of your schedule.

Topic of Seminar: **Auto leveling system for textile machine carding**

Date: -27/05/2019

Venue: - T2 Auditorium GNIET

Time: - 1.00pm onwards

Thank & Regards,

  
Principal,  
GNIET, Nagpur

  
Principal  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501



**Department of Electronics and Telecommunication Engineering**

Session 2018-19

Date:-24/05/2019

**NOTICE**

All the Students of GNIET (ETC, CSE, EE) are here by informed that the Department of Electronics and Telecommunication Engineering is organizing a one day seminar on “**Auto leveling system for textile machine cardin**” on 27/05/ 2019 at 1.00 p.m. at Sardar Avtar Singh Kohli Memorial Auditorium, T2 – Building GNIET.

So it is mandatory for all the students to present over there.

**Venue:** Sardar Avtar Singh Kohli Memorial Auditorium, T2 – Building GNIET

Prof. Neha Chourasia  
**ETC,GNIET**

Prof Sucheta Raut  
**HOD,ETC,GNIET**

Copy to (information):-

1. Hon. Chairman, GNES
2. Hon. Principal, GNIET
3. Vice. Principal, GNIET
4. All HOD'S in various Department of GNIET
- 5.

**Principal**  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501

Report on Seminar

## Auto leveling system for textile machine

Date:27/05/2019

Seminar conducted by Dr. Balram Timande

This seminar organized by ETC department GNIET in association with research and development cell of GNIET Nagpur

Guest of honour: Dr Sanjeev Srivastava, Principal, GNIET,

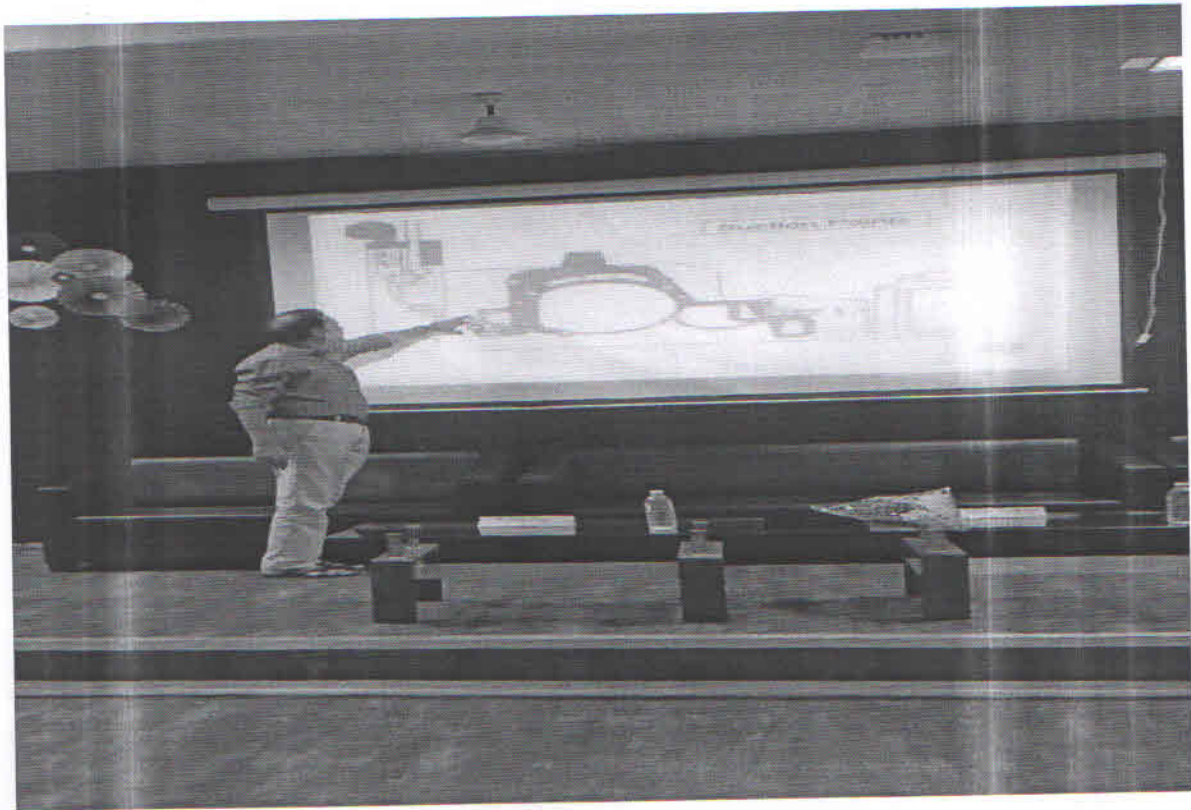
Introductory speech by prof Deepak Deshpande, Asst Professor, ETC, GNIET

Target audience: Students and Faculty of GNIET.

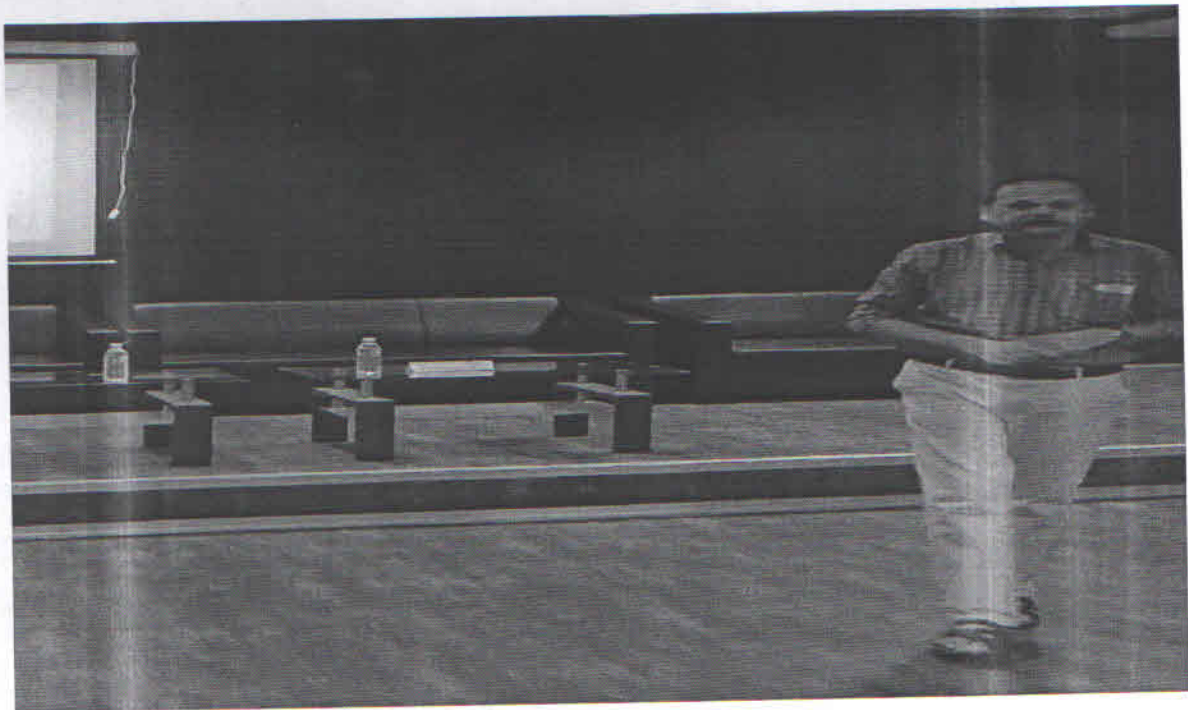
### Objective:

The seminar aimed to introduce students to the concept and significance of auto level control in textile machines. Dr. Balram Timande, an esteemed professor from GPCOE Nagpur, led the seminar with the objective of providing students with insights into the application of automation technology in the textile industry. The focus was on understanding the principles of auto level control and its role in enhancing the efficiency and productivity of textile manufacturing processes.

  
Principal  
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Presentation given by Dr. Balram Timande ,Auto leveling system for textile machine  
Date:27/05/2019



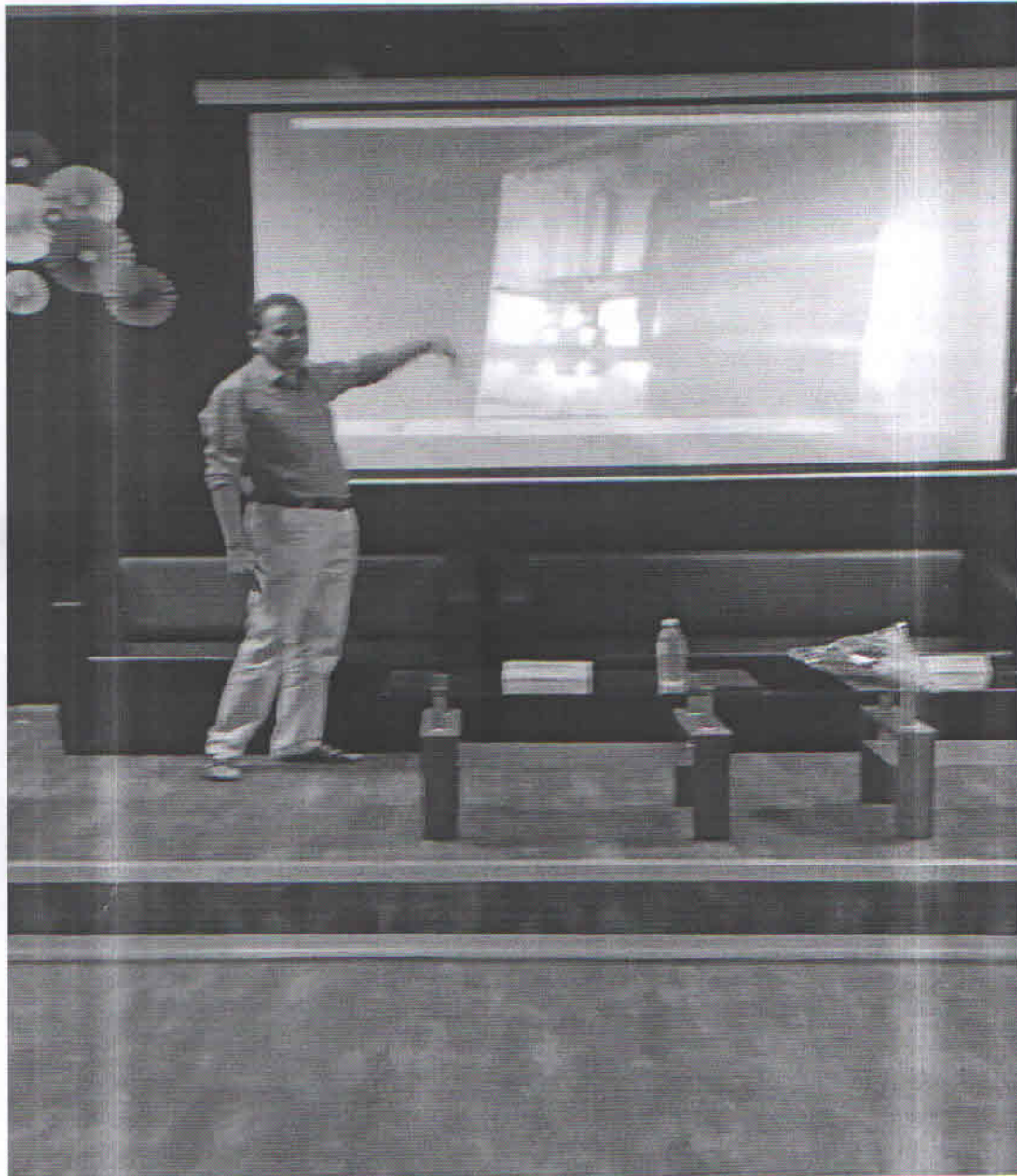
Presentation given by Dr. Balram Timande ,Auto leveling system for textile machine  
Dated:27/05/2019

  
Principal  
Guru Nanak Institute of Engineering &  
Technology Nagpur- 441501



**Seminar Highlights and Outcomes:**

Dr. Balram Timande commenced the seminar by elucidating the challenges faced in maintaining consistent yarn tension and fabric quality in textile production. He introduced the concept of auto level control systems, which utilize sensors and feedback mechanisms to Automatically adjust Machine parameters.



**Presentation given by Dr. Balram Timande ,Auto leveling system for textile machine carding Date:27/05/2019**

Furthermore, Dr. Timande discussed the various components and working principles of auto level control systems, including sensors, actuators, and control algorithms. He elaborated on the importance of real-time monitoring and feedback mechanisms in optimizing machine performance and minimizing material wastage.

The seminar also addressed the role of advanced control techniques, such as PID (Proportional-Integral-Derivative) control, in fine-tuning machine settings to achieve desired production outcomes. Dr. Timande illustrated practical examples and case studies demonstrating the effectiveness of auto level control systems in improving production efficiency, reducing downtime, and enhancing product quality in textile manufacturing.

**Guest of Honour's Remarks:**

Dr. Sanjeev Srivastava, Principal of GNIET, extended his appreciation to Dr. Balram Timande for his insightful presentation on auto level control in textile machines. He emphasized the relevance of such seminars in bridging the gap between academic knowledge and industry requirements, thereby preparing students for future challenges in the field of automation and manufacturing.

In conclusion, the seminar provided students with a valuable understanding of auto level control technology and its applications in optimizing textile manufacturing processes. It encouraged students to explore innovative solutions for enhancing productivity and quality in the textile industry.

*S. Raut*

HOD,ETC

*S. M.*  
Principal

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ATTENDANCE SHEET 2018-19

Date: 27/05/2019

Name of seminar/workshop: Auto levelling system for Textile machine

Sr no.	Name of student	Signature
1	AKASH PRAMOD MOON	Ambon.
2	AKSHATA SUNIL KAMBLE	Akamble
3	ANKITA ANAND TAMGADGE	ATamgade.
4	ANKITA KHUSHAL KALAMKAR	Akalamkar
5	ARBAJ SIDDIQUI	Arbij
6	ASHWINI . BURDE	AshwinB.
7	BHARTI DILIP KOTHEKAR	BnKotneka.
8	BHAVNA SHANTARAM BHURSE	BBhurse
9	CHINMAY DILIP WANKAR	Chinmay
10	DIVYA ARVIND GAJBHIYE	Digbhiye.
11	POOJA SANJAY BHOYAR	Pooja Bhojar.
12	POOJA SHAMKANT GHANORKAR	Poghanorkar.
13	AASHIRWAD NAMDEO SAHARE	Ashwas.
14	AJINKYA RAMESHWAR KOTHE	Akothé.
15	AJINKYA SHANKAR DIGRASE	Digrase.

ATTENDANCE SHEET 2018-19

Date: 27/05/2019

Name of seminar/workshop: Auto levelling for Textile machine.

Sr no.	Name of student	Signature
16	AKASH AVDHESH CHAVHAN	A Chavan
17	AKSHAY KAPILESHWAR SAKHARE	A Sakhare
18	ALPESH PANJAB BOMBATE	A Bobhate
19	AMOL DNYANESHWAR THAKRE	Amol Thakre
20	ANIL GANRAJ MOHITE	Anil Mohite
21	ANUJA RAVI THOOL	A Thool
22	BALAJI DNYANOBA BORGAVE	Balaje
23	BHAVIK DILIPRAO BHENDE	Bhende
24	NEHAL ANAND SONE	N Sone
25	NIKHIL KISHOR MANKAR	N Mankar
26	NIKHIL MITHARAM DHOTE	N Dhote
27	NIKHIL TANAJI CHARDE	N Charde
28	NIRMAL PANDURANG SHENDE	N Shende
29	NITESH DEVIDAS DABARE	N Dabare
30	POOJA MAROTI DHAMDAR	P DhAMDAR
31	PRAJKTA ARUN CHAWARE	P Chaware
32	PRANALI ARUNRAO BEHARE	P Behare
33	PRANALI VINOD DONGRE	P Dongre
34	PRANIK SUNIL DONGARE	P Dongare
Sr.no	Name of students	Signature

ATTENDANCE SHEET 2018-19

Date: 27/05/2019

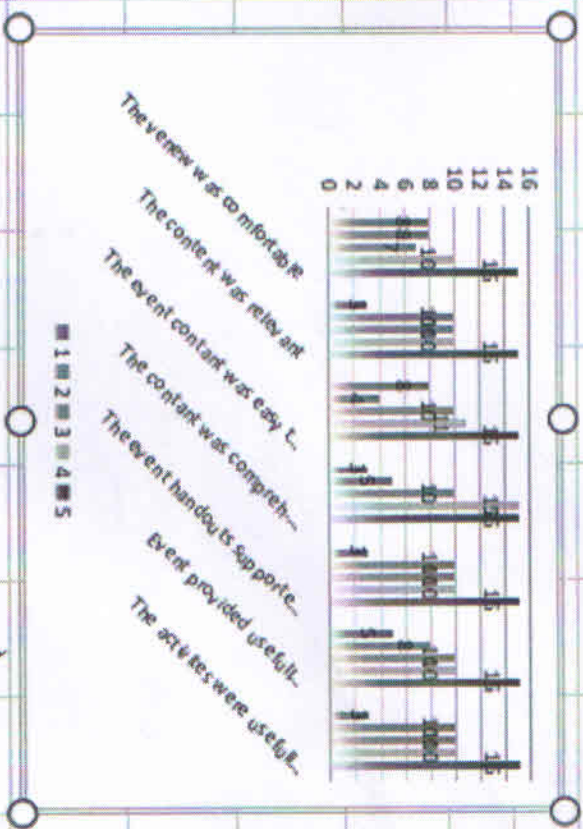
Name of seminar/workshop: Auto levelling for Textile machine.

35	PRATIK RAJKUMAR SAWANE	B Sawane
36	PRATIKSHA BUDHAN SONARE	B Sonare
37	PRATIKSHA PRAKASH BHOYAR	B Boyar
38	PRAVIN MANOHAR DESHMUKH	Deshmukh

Sr no.	Name of student	Signature
39	PRIYA MAHADEV KHAJURIYA	PKhajuriya
40	POOJA SHESHRAO KUMBHARE	Pooja Kumbhare
41	RAKESH ARUN BHANGAR	B Bhangar
42	PRIYAL AJAYRAO CHATARKAR	P Chatarkar
43	RATAN GAURIRAM DAS	Ratan Das
44	PRATIKSHA BHAGWAT CHAUDHARY	Pratiksha Chaudhary
45	SANKET SANJAYRAO SURJUSE	S Surjuse
46	SHRUSTI RAJENDRA MESHRAM	S Meshram
47	SHUBHAM ANIL MURKUTE	S Murkute
48	SHUBHAM ANIL MURKUTE	
49	SHUBHANGI MANOJ DHAGE	S Dhage
50	SITESHWAR TULSIDAS ACHUTRA	S Sureshwar

FEEDBACK	Title:	Auto levelling system for textile machines				
Date: 27/05/2019						
Enter the number between 1-5 where 5 Means Strongly Agree and 1 Means Strongly Dissagree						
0	The venue was comfortable	1	2	3	4	5
1	The content was relevant	8	8	7	10	15
2	The event content was easy to understand	3	10	10	10	15
3	The content was comprehensive	8	4	10	11	15
4	The event handouts supported presentation	3	5	10	15	15
5	Event provided usefull additional information	3	10	10	10	15
6	The activities were usefull learning expiences	5	8	10	10	15
7		3	10	10	10	15
8						
9						

Year: 2018-19  
48



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