



Nagar Yuwak Shikshan Sanstha's

# Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

NAAC Accredited with 'A++' Grade

Ph.: 07104-242919, 242623, 242588

Website : www.ycce.edu E-mail : principal@ycce.edu

## Summary

6.3.3 Average number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff during the years

- Details of the professional & administrative training programmes organized for Teaching & Non teaching staff



  
Principal  
Yeshwantrao Chavan  
College of Engineering  
Wanadongri Hingna Road,  
NAGPUR - 441110

# Civil Engineering



Nagar Yuwak Shikshan Sanstha's

## Yeshwantrao Chavan College of Engineering

An Empowered Autonomous Institution NAAC Accredited (A++) Grade & Affiliated to RTM Nagpur University, Nagpur-441110 (M.S.) India Ph.: 07104-237919, 234623, 329249, 329250  
Fax: 07104-232376, Website: [www.ycce.edu](http://www.ycce.edu)



### Department of Civil Engineering

#### One Day Workshop

On

#### "Highway Horizons: Exploring Material Testing in Highway Engineering"

02<sup>nd</sup> December 2023

The Department of Civil Engineering conducted One Day Workshop on "Highway Horizons: Exploring Material Testing in Highway Engineering" at Department of Civil Engineering on 02<sup>nd</sup> December, 2023 from 10:00 am to 5: 00 pm. This training was exclusively for laboratory assistants and attendants to improve their skills and knowledge about practical incorporate in Transportation Laboratory. In this workshop, we conducted the various types of tests used for highway materials like aggregate and bitumen. This workshop covered brief introduction along with important details of the experiment and the purpose for which it is to be performed, followed by the detailed explanation of apparatus required, procedure and specimen calculations. The experimental teaching & practice of using and handling various equipment in transportation lab. in an effective way to acquire basic & advanced skills and solve practical problems. The Training commenced with scope of highway engineering in the field of Civil Engineering. Need and importance of training program was told by Dr. S. P. Raut. The training and instruction were given by Prof. R. M. Bhagat, Prof. S. S. Meshram, Prof. A. A. Yadav & Prof. Y. P. Kherde. Participants are also informed about the importance of highway engineering project. About all experiments and its application were demonstrated and were performed by trainee staff members.

#### Following topics were covered:

- Importance of Transportation Engineering.
- Introduction to Pavement Materials.
- Properties of Materials.
- Laboratory Awareness & Safety.
- Testing on Bitumen.
- Testing on Aggregates.
- Specific Gravity Test, Soundness Test, Crushing Test, Impact Test, Abrasion Test, Penetration Test, Ductility Test, Softening Point Test, Flash & Fire Point Test.

The training was successfully completed and certificates were awarded to the participants.

Prof. R. M. Bhagat  
Coordinator,  
CED, YCCE, Nagpur

Dr. S. P. Raut  
Convener & HOD, Civil Engineering  
YCCE, Nagpur



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## Department of Civil Engineering

### One Day Workshop "Highway Horizons: Exploring Material Testing in Highway Engg"



Experts Prof. Y. P. Kherde, Prof. R. M. Bhagat, Prof. A. A. Yadav & Prof. S. S. Mesram are giving training to participants on "Material Testing in Highway Engineering"



Experts, participants & organising committee during training on "Highway Horizons: Exploring Material Testing in Highway Engineering"

Prof. R. M. Bhagat,  
Coordinator, CED, YCCE, Nagpur

Dr. S. P. Raut,  
Convener & HOD, Civil Engg., YCCE, Nagpur



**One Day Workshop  
For Non- Teaching Staff Members**

**On**

**Highway Horizons: Exploring  
Material Testing in Highway  
Engineering  
02<sup>nd</sup> December, 2023**



Under the Aegis of IQAC, YCCE

**Organized by:**

**Department of Civil Engineering  
Yeshwantrao Chavan College of  
Engineering**

Wanadongri, Nagpur - 441 110, Maharashtra,  
India  
www.ycce.edu

**Important Dates:**

Last date for receipt of Application: 30/12/2023

**Eligibility:**

The course is open to non-teaching technical staff members working in Engineering Institutions / Colleges / Polytechnics and R & D Institutions.

**Registration Fees per Participant:**

For YCCE Members: Nil

For Outside Participant: 100/-

**Accommodation and TA/DA:**

Accommodation will be made available on payment basis to the outstation candidates on prior intimation to the coordinators. No TA/DA shall be provided to the participants.

**Our Location:**

From Zero Miles	14 kms
Railway Station	15 kms
Airport	14 kms

**Address for Correspondence:**

Prof. R. M. Bhagat

Cell: 8483002277

Email ID: rmbhagat@ycce.edu

Assistant Professor, Department of Civil Engineering  
YCCE, Hingna Road, Wanadongari, Nagpur-441110.

**For Registration & General Information:**

Mr. Shyam Parate

Cell: 8180040240

**Our Patrons:**

Hon'ble Shri Dattaji Meghe, Chairman, NYSS, Nagpur

Hon'ble Shri Sagarji Meghe, Secretary, NYSS, Nagpur

Hon'ble Shri Sameerji Meghe, Treasurer, NYSS, Nagpur

Hon'ble Dr. U. P. Waghe, Principal, YCCE, Nagpur

**Convener:**

Dr. S. P. Raut, HOD & Associate Professor,  
Department of Civil Engineering, YCCE, Nagpur

**Coordinator:**

Prof. R. M. Bhagat, Assistant Professor, Department of  
Civil Engineering, YCCE, Nagpur

**Co-Coordinator:**

Prof. Y. P. Kherde, Assistant Professor, Department of  
Civil Engineering, YCCE, Nagpur

**Organizing Committee:**

Prof. A. A. Yadav, Assistant Professor, Department of  
Civil Engineering, YCCE, Nagpur

Prof. S. S. Meshram, Assistant Professor, Department  
of Civil Engineering, YCCE, Nagpur

Prof. S. W. Dhengare, Assistant Professor, Department  
of Civil Engineering, YCCE, Nagpur

**About the Institute:**

Yeshwantrao Chavan College of Engineering (YCCE) established in 1984 by Nagar Yuwak Shikshan Sanstha, Nagpur is one of the most attractive destinations for the potential engineers from central India. It is an empowered autonomous institution affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur. For 39 years, it has successfully nurtured young engineering professionals and researchers. The institute has given many talented, dedicated and very competitive engineers as per the requirement of the industry and the society. The Institute is located on a lush green hillock to make the teaching learning process enjoyable to the students and teachers alike. With a setup of excellent infrastructure and a well-educated, experienced and dedicated staff, YCCE is marching ahead to become one of the premier institute of the region. The Institute has well equipped laboratories, central and departmental libraries. The institute is accredited by NAAC (A++) grade and almost all programs run by the institute are accredited by NBA. The goal of our institution is to provide excellent educational environment to our students. We aim to make our students to become responsible engineers, possessing outstanding quality to become leaders in their profession.

**About the Department:**

The department is equipped with research facilities, motivated faculty members while running the UG, PG and Ph.D. programs. The department has undertaken many industrial projects in the areas of civil engineering. We at Civil Engineering Department strongly believe in excellent teaching learning process and hence keep ourselves updated with the recent advancement and knowledge in the field of Civil Engineering by organizing such training program.

**Objective of Training Program:**

The aim of the workshop is to give a better exposure to the non-teaching members on Testing of Highway Materials. Highway Material Testing is the most important and extensive area of Transportation Engineering and material behavior under different loading conditions. The concepts, ideas and techniques developed in testing of materials are indispensable in quality control in highway construction. Training and guidance are essential for development of effective teaching methodology. Hence the main focus of this training workshop is to introduce fundamental concepts highway material testing in Transportation Engg. with special emphasis on practical problems and lab experiments.

**Topics:**

- Importance of Transportation Engineering.
- Introduction to Pavement Materials.
- Properties of Materials.
- Laboratory Awareness & Safety.
- Testing on Bitumen.
- Testing on Aggregates.
- Specific Gravity & Soundness Test
- Crushing & Impact Test.
- Abrasion Test
- Penetration & Ductility Test
- Softening Point Test.
- Flash & Fire Point Test

**Registration Form**

One Day Workshop

On

**Highway Horizons: Exploring  
Material Testing in Highway  
Engineering**

02<sup>nd</sup> December, 2023

Name: .....

Qualification: .....

Designation:.....

Organization: .....

Address for

Correspondence:.....

.....

Contact No.:.....

Email ID: .....

Registration Details: .....

Amount: Rs. ....

DD No.: .....

Bank Details: .....

Date:

Signature of Participant

Note: Payment to be by Cash or DD to be drawn in favor of 'The Principal, YCCE, Nagpur', payable at Nagpur. (Photocopy of this form can be used)



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**Department of Civil Engineering**

**Our Vision**

To become most sought after destination for learning and research in civil engineering.

**Our Mission**

To prepare Civil Engineering professionals by practicing analytical, design tools, Field learning and live industrial projects in conducive environment.

**Thanks Letter**

Date: 02<sup>nd</sup> December, 2023

To,

Prof. S. S. Meshram,

YCCE, Nagpur.

Respected Sir,

It is a matter of great pleasure and pride to have you as a Speaker for **One Day Workshop on "Highway Horizons: Exploring Material Testing in Highway Engineering"** being organized at **Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Hingna Road, Nagpur, Maharashtra, dated on 02<sup>nd</sup> December 2023.**

We express our heartfelt thanks for accepting our invitation as Speaker and delivering the fruitful and knowledgeable lecture. We firmly believe that without your contribution and presence, organizing this Workshop would not have been possible so successfully. Looking forward to your continued association and contribution.

With warm regards,

**Dr. S. P. Raut**

Convener & HOD, Civil Engg.,

YCCE, Nagpur.



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**Thanks Letter**

**Date: 02<sup>nd</sup> December, 2023**

To,

Prof. A. A. Yadav,

YCCE, Nagpur.

Respected Sir,

It is a matter of great pleasure and pride to have you as a Speaker for **One Day Workshop on "Highway Horizons: Exploring Material Testing in Highway Engineering"** being organized at **Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Hingna Road, Nagpur, Maharashtra, dated on 02<sup>nd</sup> December 2023.**

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With warm regards,

**Dr. S. P. Raut**

Convener & HOD, Civil Engg.,

YCCE, Nagpur.



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**Thanks Letter**

**Date: 02<sup>nd</sup> December, 2023**

To,  
Prof. Y. P. Kherde,  
YCCE, Nagpur.

Respected Sir,

It is a matter of great pleasure and pride to have you as a Speaker for **One Day Workshop on "Highway Horizons: Exploring Material Testing in Highway Engineering"** being organized at **Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Hingna Road, Nagpur, Maharashtra, dated on 02<sup>nd</sup> December 2023.**

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**Thanks Letter**

**Date: 02<sup>nd</sup> December, 2023**

To,  
Prof. R. M. Bhagat,  
YCCE, Nagpur.

Respected Sir,

It is a matter of great pleasure and pride to have you as a Speaker for **One Day Workshop on "Highway Horizons: Exploring Material Testing in Highway Engineering"** being organized at **Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Hingna Road, Nagpur, Maharashtra, dated on 02<sup>nd</sup> December 2023.**

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With warm regards,

**Dr. S. P. Raut**

Convener & HOD, Civil Engg.,  
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Nagar Yuwak Shikshan Sanstha's

# Yeshwantrao Chavan College of Engineering

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affiliated to RTM Nagpur University, Nagpur, M.S., India

## Department of Civil Engineering



### CERTIFICATE

This is to certify that **Mr. P. H. Lute, Lab. Attendant, YCCE, Nagpur** has attended **One Day Workshop on "Highway Horizons: Exploring Material Testing in Highway Engineering"** organized by Department of Civil Engineering at Yeshwantrao Chavan College of Engineering, Nagpur held on 02<sup>nd</sup> December 2023. This certificate is issued for his / her participation & excellent interaction during training.

Prof. Rajesh Bhagat  
Coordinator

Dr. S. P. Raut  
Convener & HOD, Civil Engg.



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**SCHEDULE**

**One Day Workshop on "Highway Horizons: Exploring Material Testing in Highway Engineering"**

02<sup>nd</sup> December, 2023

Time	Activity	Topic
10:00 am-10:30am	Inauguration	--
10:30 am-12:00 pm	<b>Lecture 01</b> Prof. Y. P. Kherde (Assistant Professor, Civil Department, YCCE, Nagpur)	➤ Importance of Transportation Engineering. ➤ Introduction to Pavement Materials.
12:30 pm-01:30 pm	<b>Lecture 02</b> Prof. A. A. Yadav (Assistant Professor, Civil Department, YCCE, Nagpur)	➤ Highway Engineering ➤ Properties of Materials. ➤ Testing on Aggregates.
02:00 pm-03:00 pm	<b>Lecture 03</b> Prof. R. M. Bhagat (Assistant Professor, Civil Department, YCCE, Nagpur)	➤ Laboratory Awareness & Safety ➤ Soil Processing
03:30 pm-05:00 pm	<b>Lecture 04</b> Prof. S. S. Meshram (Assistant Professor, Civil Department, YCCE, Nagpur)	➤ Penetration & Ductility Test ➤ Softening Point Test. ➤ Flash & Fire Point Test

Prof. R. M. Bhagat  
Coordinator,  
CED, YCCE, Nagpur

Dr. S. P. Raut  
Convener & HOD, Civil Engineering  
YCCE, Nagpur



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**Department of Civil Engineering**

Date: 20/11/2023

**Notice**

The Department of Civil Engineering is Organizing One Day Workshop on '**Highway Horizons: Exploring Material Testing in Highway Engineering**' for Non-Teaching Staff on **02<sup>nd</sup> December 2023**. This Training Program will Provide Platform to Explore and Share the Knowledge about Aggregate and Bitumen Testing Equipment, Experiments and Safety Instruction in Laboratory. It will also Improve Skill and Ability to Conduct Experiment Safely and Effectively for Excellent Teaching Learning Process.

Prof. R. M. Bhagat  
Coordinator,  
CED, YCCE, Nagpur

Dr. S. P. Raut  
HOD, Civil Engg.  
YCCE, Nagpur



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Department of Civil Engineering

**Attendance Sheet**

One Day Workshop

On

**"Highway Horizons: Exploring Material Testing in Highway Engineering"**  
02<sup>nd</sup> December, 2023

Sr. No.	Name of Participants	Signature
1	Mr. Prakash Lute	
2	Mr. Y. N. Chaudhary	
3	Mr. R. S. Mahabudhe	
4	Mr. S. G. Parate	
5	Mr. D. S. Tiwari	
6	Mr. Anis R. Sheikh	
7	Mr. Indrakumar H. Bhadse	
8	P. K. Meghe	
9	R. S. Mahab N. G. Bobude.	
10	Sanjay Kable	
11	G. L. Gulhane	
12	S. H. Dongre	
13	U. K. Bele.	
14	G. K. Pise	
15	V. M. Shende.	

Prof. Rajesh Bhagat  
Coordinator,  
CED, YCCE, Nagpur

Dr. S. P. Raut  
Convener & HOD, Civil Engineering  
YCCE, Nagpur



Nagar Yuwak Shikshan Sanstha's

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Fax: 07104-232376, Website: [www.ycce.edu](http://www.ycce.edu)



## Department of Civil Engineering

### One Day Workshop

On

### "Construction Material Testing: Enhancing Skills and Techniques"

09<sup>th</sup> December 2023

The Department of Civil Engineering conducted One Day Workshop on "Construction Material Testing: Enhancing Skills and Techniques" at Department of Civil Engineering on 09<sup>th</sup> December, 2023 from 10:00 am to 5: 00 pm. This training was exclusively for laboratory assistants and attendants to improve their skills and knowledge about practical incorporate in Strength of Materials, Transportation Engineering and Concrete Technology Laboratory. In this workshop, we conducted the various types of tests used for construction materials like sand, cement, aggregate and brick. This workshop covered brief introduction along with important details of the experiment and the purpose for which it is to be performed, followed by the detailed explanation of apparatus required, procedure and specimen calculations. The experimental teaching & practice of using and handling various equipment in Strength of Materials, Transportation Engineering and Concrete Technology Laboratory in an effective way to acquire basic & advanced skills and solve practical problems. The Training commenced with scope of construction materials testing and technology in the field of Civil Engineering. Need and importance of training program was told by Dr. S. P. Raut. The training and instruction were given by Prof. R. M. Bhagat, Prof. A. S. Kurzekar, Prof. S. W. Dhengare & Prof. Y. P. Kherde. Participants are also informed about the importance of quality materials in construction industry. About all experiments and its application were demonstrated and were performed by trainee staff members.

#### Following topics were covered:

- Introduction to Concrete Technology and Building Material Testing.
- Methodologies & Instrument Adopted Presently & Earlier Days.
- Properties of Materials, Testing on Aggregates. Tests on Cement, Sand, Bricks and its Practical Applications.
- Laboratory Awareness & Safety

The training was successfully completed and certificates were awarded to the participants.

Prof. R. M. Bhagat  
Coordinator,  
CED, YCCE, Nagpur

Dr. S. P. Raut  
Convener & HOD, Civil Engineering  
YCCE, Nagpur



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## Department of Civil Engineering

### One Day Workshop "Construction Material Testing: Enhancing Skills and Techniques"



Wanadongri, Maharashtra, India  
3XWH+8PC, Wanadongri ct, Wanadongri, Maharashtra 441110, India  
Lat 21.095759°  
Long 78.979102°  
09/12/23 10:42 AM GMT +05:30

GPS Map Camera

Experts Prof. Y. P. Kherde, Prof. R. M. Bhagat & Prof. A. S. Kurzekar are giving training to participants on "Construction Material Testing: Enhancing Skills & Techniques"



Wanadongri, Maharashtra, India  
3XWH+8PC, Wanadongri ct, Wanadongri, Maharashtra 441110, India  
Lat 21.095759°  
Long 78.979102°  
09/12/23 10:41 AM GMT +05:30

GPS Map Camera

Experts, participants & organising committee during training on "Construction Material Testing: Enhancing Skills and Techniques"

Prof. R. M. Bhagat,  
Coordinator, CED, YCCE, Nagpur

Dr. S. P. Raut,  
Convener & HOD, Civil Engg., YCCE, Nagpur



**One Day Workshop  
For Non- Teaching Staff Members**

**On**

## **Construction Material Testing: Enhancing Skills and Techniques**

**09<sup>th</sup> December, 2023**



Under the Aegis of IQAC, YCCE

**Organized by:  
Department of Civil Engineering  
Yeshwantrao Chavan College of  
Engineering**

Wanadongri, Nagpur - 441 110, Maharashtra,  
India  
[www.ycce.edu](http://www.ycce.edu)

### **Important Dates:**

Last date for receipt of Application: 08/12/2023

### **Eligibility:**

The course is open to non-teaching technical staff members working in Engineering Institutions / Colleges / Polytechnics and R & D Institutions.

### **Registration Fees per Participant:**

For YCCE Members: Nil

For Outside Participant: 100/-

### **Accommodation and TA/DA:**

Accommodation will be made available on payment basis to the outstation candidates on prior intimation to the coordinators. No TA/DA shall be provided to the participants.

### **Our Location:**

From Zero Miles	14 kms
Railway Station	15 kms
Airport	14 kms

### **Address for Correspondence:**

Prof. R. M. Bhagat

Cell: 8483002277

Email ID: [rmbhagat@ycce.edu](mailto:rmbhagat@ycce.edu)

Assistant Professor, Department of Civil Engineering  
YCCE, Hingna Road, Wanadongari, Nagpur-441110.

### **For Registration & General Information:**

Mr. Shyam Parate & Mr. Prakash Lute

Cell: 8180040240 / 9766971171

### **Our Patrons:**

Hon'ble Shri Dattaji Meghe, Chairman, NYSS, Nagpur

Hon'ble Shri Sagarji Meghe, Secretary, NYSS, Nagpur

Hon'ble Shri Sameerji Meghe, Treasurer, NYSS, Nagpur

Hon'ble Dr. U. P. Waghe, Principal, YCCE, Nagpur

### **Convener:**

Dr. S. P. Raut, HOD & Associate Professor,  
Department of Civil Engineering, YCCE, Nagpur

### **Coordinator:**

Prof. R. M. Bhagat, Assistant Professor, Department of  
Civil Engineering, YCCE, Nagpur

### **Co-Coordinator:**

Prof. A. S. Kurzekar, Assistant Professor, Department  
of Civil Engineering, YCCE, Nagpur

### **Organizing Committee:**

Prof. S. W. Dhengare, Assistant Professor, Department  
of Civil Engineering, YCCE, Nagpur

Prof. Y. P. Kherde, Assistant Professor, Department of  
Civil Engineering, YCCE, Nagpur

Prof. P. K. Hinge, Assistant Professor, Department of  
Civil Engineering, YCCE, Nagpur

**About the Institute:**

Yeshwantrao Chavan College of Engineering (YCCE) established in 1984 by Nagar Yuwak Shikshan Sanstha, Nagpur is one of the most attractive destinations for the potential engineers from central India. It is an empowered autonomous institution affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur. For 39 years, it has successfully nurtured young engineering professionals and researchers. The institute has given many talented, dedicated and very competitive engineers as per the requirement of the industry and the society. The Institute is located on a lush green hillock to make the teaching learning process enjoyable to the students and teachers alike. With a setup of excellent infrastructure and a well-educated, experienced and dedicated staff, YCCE is marching ahead to become one of the premier institute of the region. The Institute has well equipped laboratories, central and departmental libraries. The institute is accredited by NAAC (A++) grade and almost all programs run by the institute are accredited by NBA. The goal of our institution is to provide excellent educational environment to our students. We aim to make our students to become responsible engineers, possessing outstanding quality to become leaders in their profession.

**About the Department:**

The department is equipped with research facilities, motivated faculty members while running the UG, PG and Ph.D. programs. The department has undertaken many industrial projects in the areas of civil engineering. We at Civil Engineering Department strongly believe in excellent teaching learning process and hence keep ourselves updated with the recent advancement and knowledge in the field of Civil Engineering by organizing such training program.

**Objective of Training Program:**

Construction material testing addresses the properties of building material like sand, aggregate, brick, cement, mortar and concrete needed in construction applications, including strength and durability, and provides guidance on all aspects of concrete from mix design to batching, mixing, transporting, placing, consolidating, finishing, and curing. The primary objective of this program is to imparting knowledge and skill to supervise concreting operations involving proportioning, mixing, transporting, placing, compacting, finishing and curing of concrete. The recent trends in the field and Civil Engineering are mainly focused in this program. It also helps to aware about Effective Practice of construction material testing and technology experiments to carry out quality research in the field. To provide a platform for non-teaching staff to participate, deliberate and disseminate the state-of-art technological trends.

**Topics:**

- Introduction to Concrete Technology
- Building Material Testing.
- Laboratory Awareness & Safety.
- Methodologies Adopted Presently & Earlier Days.
- Instruments used Presently & Earlier Days.
- Tests on Cement, Sand, Bricks and its Practical Applications.
- Aggregates and other Additives to Concrete.
- Admixtures in Concrete and its importance.

**Registration Form**

**One Day Workshop  
On**

**Construction Material Testing:  
Enhancing Skills and Techniques  
09<sup>th</sup> December, 2023**

**Name:** .....

**Qualification:** .....

**Designation:**.....

**Organization:** .....

**Address for**

**Correspondence:**.....

.....

**Contact No.:**.....

**Email ID:** .....

**Registration Details:** .....

**Amount: Rs.** .....

**DD No.:** .....

**Bank Details:** .....

Date:

Signature of Participant

**Note:** Payment to be by **Cash or DD** to be drawn in favor of ‘**The Principal, YCCE, Nagpur**’, payable at Nagpur. (Photocopy of this form can be used)



Nagar Yuwak Shikshan Sanstha's

# Yeshwantrao Chavan College of Engineering

An Empowered Autonomous Institution NAAC Accredited (A++) Grade & Affiliated to RTM  
Nagpur University, Nagpur-441110 (M.S.) India Ph.: 07104-237919, 234623, 329249, 329250  
Fax: 07104-232376, Website: [www.ycce.edu](http://www.ycce.edu)



## Department of Civil Engineering

### Our Vision

To become most sought after destination for learning and research in civil engineering.

### Our Mission

To prepare Civil Engineering professionals by practicing analytical, design tools, Field learning and live industrial projects in conducive environment.

## Thanks Letter

Date: 09<sup>th</sup> December, 2023

To,  
Prof. A. S. Kurzekar,  
YCCE, Nagpur.

Respected Sir,

It is a matter of great pleasure and pride to have you as a Speaker for **One Day Workshop on "Construction Material Testing: Enhancing Skills and Techniques"** being organized at **Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Hingna Road, Nagpur, Maharashtra, dated on 09<sup>th</sup> December 2023.**

We express our heartfelt thanks for accepting our invitation as Speaker and delivering the fruitful and knowledgeable lecture. We firmly believe that without your contribution and presence, organizing this Workshop would not have been possible so successfully. Looking forward to your continued association and contribution.

With warm regards,

**Dr. S. P. Raut**

Convener & HOD, Civil Engg.,  
YCCE, Nagpur.



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Date: 09<sup>th</sup> December, 2023

To,  
Prof. Y. P. Kherde,  
YCCE, Nagpur.

Respected Sir,

It is a matter of great pleasure and pride to have you as a Speaker for **One Day Workshop on "Construction Material Testing: Enhancing Skills and Techniques"** being organized at **Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Hingna Road, Nagpur, Maharashtra, dated on 09<sup>th</sup> December 2023.**

We express our heartfelt thanks for accepting our invitation as Speaker and delivering the fruitful and knowledgeable lecture. We firmly believe that without your contribution and presence, organizing this Workshop would not have been possible so successfully. Looking forward to your continued association and contribution.

With warm regards,

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**Date: 09<sup>th</sup> December, 2023**

To,  
Prof. S. W. Dhengare,  
YCCE, Nagpur.

Respected Sir,

It is a matter of great pleasure and pride to have you as a Speaker for **One Day Workshop on "Construction Material Testing: Enhancing Skills and Techniques"** being organized at **Department of Civil Engineering, Yeshwantrao Chavan College of Engineering, Hingna Road, Nagpur, Maharashtra**, dated on **09<sup>th</sup> December 2023**.

We express our heartfelt thanks for accepting our invitation as Speaker and delivering the fruitful and knowledgeable lecture. We firmly believe that without your contribution and presence, organizing this Workshop would not have been possible so successfully. Looking forward to your continued association and contribution.

With warm regards,

**Dr. S. P. Raut**  
Convener & HOD, Civil Engg.,  
YCCE, Nagpur.



Nagar Yuwak Shikshan Sanstha's

# Yeshwantrao Chavan College of Engineering

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affiliated to RTM Nagpur University, Nagpur, M.S., India

## Department of Civil Engineering



### CERTIFICATE

This is to certify that **Mr. P. H. Lute, Lab. Attendant, YCCE, Nagpur** has attended **One Day Workshop on "Construction Material Testing: Enhancing Skills and Techniques"** organized by Department of Civil Engineering at Yeshwantrao Chavan College of Engineering, Nagpur held on 09<sup>th</sup> December 2023. This certificate is issued for his / her participation & excellent interaction during training.

Prof. Rajesh Bhagat  
Coordinator

Dr. S. P. Raut  
Convener & HOD, Civil Engg.



Nagar Yuwak Shikshan Sanstha's  
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**Department of Civil Engineering**

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**Our Mission**

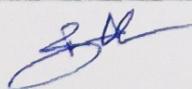
To prepare Civil Engineering professionals by practicing analytical, design tools, Field learning and live industrial projects in conducive environment.

**SCHEDULE**

**One Day Workshop on "Construction Material Testing: Enhancing Skills and Techniques"**

**09<sup>th</sup> December, 2023**

Time	Activity	Topic
10:00 am-10:30am	<b>Inauguration</b>	--
10:30 am-12:00 pm	<b>Lecture 01</b> Prof. A. S. Kurzekar (Assistant Professor, Civil Department, YCCE, Nagpur)	<ul style="list-style-type: none"><li>➤ Introduction to Concrete Technology</li><li>➤ Methodologies &amp; Instrument Adopted Presently &amp; Earlier Days.</li></ul>
12:30 pm-01:30 pm	<b>Lecture 02</b> Prof. Y. P. Kherde (Assistant Professor, Civil Department, YCCE, Nagpur)	<ul style="list-style-type: none"><li>➤ Building Material Testing.</li><li>➤ Properties of Materials.</li><li>➤ Testing on Aggregates.</li></ul>
02:00 pm-03:00 pm	<b>Lecture 03</b> Prof. S. W. Dhengare (Assistant Professor, Civil Department, YCCE, Nagpur)	<ul style="list-style-type: none"><li>➤ Laboratory Awareness &amp; Safety</li></ul>
03:30 pm-05:00 pm	<b>Lecture 04</b> Prof. A. S. Kurzekar (Assistant Professor, Civil Department, YCCE, Nagpur)	<ul style="list-style-type: none"><li>➤ Tests on Cement, Sand, Bricks and its Practical Applications.</li><li>➤ Aggregates and other Additives to Concrete.</li></ul>

  
Prof. R. M. Bhagat  
Coordinator,  
CED, YCCE, Nagpur

  
Dr. S. P. Raut  
Convener & HOD, Civil Engineering  
YCCE, Nagpur



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**Department of Civil Engineering**

Date: 20/11/2023

**Notice**

The Department of Civil Engineering is Organizing One Day Workshop on 'Construction Material Testing: Enhancing Skills and Techniques' for Non-Teaching Staff on 09<sup>th</sup> December 2023. This Training Program will Provide Platform to Explore and Share the Knowledge about Building Construction Material Testing Equipment, Experiments and Safety Instruction in Laboratory. It will also Improve Skill and Ability to Conduct Experiment Safely and Effectively for Excellent Teaching Learning Process.

Prof. R. M. Bhagat  
Coordinator,  
CED, YCCE, Nagpur

Dr. S. P. Raut  
HOD, Civil Engg.  
YCCE, Nagpur



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**Department of Civil Engineering**

**Attendance Sheet**

One Day Workshop

On

**"Construction Material Testing: Enhancing Skills and Techniques"**

09<sup>th</sup> December, 2023

Sr. No.	Name of Participants	Signature
1	Mr. Prakash Lute	
2	Mr. Y. N. Chaudhary	
3	Mr. R. S. Mahabudhe	
4	Mr. S. G. Parate	
5	Mr. D. S. Tiwari	
6	Mr. Anis R. Sheikh	
7	Mr. Indrakumar H. Bondre	
8	Mr. P. K. Meghe	
9	Mr. N. G. Bobade	
10	Mr. Sanjay Kakde	
11	Mr. G. L. Gulhane	
12	Mr. S. N. Dongre	
13	Mr. U. K. Bele	
14	Mr. G. K. Pise	
15	Mr. V. M. Shende	
16	Nikal Deshmukh	

Prof. Rajesh Bhagat  
Coordinator,  
CED, YCCE, Nagpur

Dr. S. P. Raut  
Convener & HOD, Civil Engineering  
YCCE, Nagpur



Nagar YuwakShikshanSanstha's  
**Yeshwantrao Chavan College of Engineering**

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Ph. 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

**DEPARTMENT OF CIVIL ENGINEERING**

**Certification Course**

on

**"Water GEMS"**

25<sup>th</sup> September to 30<sup>th</sup> October 2023

**Report**

Department of Civil Engineering; YCCE and Institution of Engineers organized and conducted the online 40 hours duration **Certification Course on "Water GEMS"** from dated on 25/09/2023 to 30/10/2023. Dr. Harshal Warade and Mr. Khalid S. Ansari, Assistant Professor, Civil Engineering Department were the expertise for this course. Certification Course on Water GEMS has included different technical tools of water supply system.

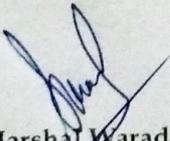
The 40 hours of this certification course was alienated into sessions of 1 hours per day. Timing of lectures were from 7:30 pm to 8:30 pm on all working days except holidays.

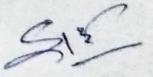
In initial 12 lectures **Dr. Harshal M. Warade** acquaint with the topic and enlighten about the course objectives and outcomes after that he introduce about water supply system, Interface of WaterGEMS software and its component for water supply design in urban as well as rural areas. He also describes the hydraulics & operations in conventional water treatment units.

**Mr. Khalid Ansari** was delivered 12 lectures on modeling of water supply system by giving Hands on training. He explained about procedure of installation of software and creates modeling areas with the help of Bing maps. He also discussed about the Steady-state and extended-period simulations, Pressure-dependent demands, Real-time modelling, & Elevation extraction from shape files.

**Dr. Harshal M. Warade** was delivered last 16 lectures on Local and global engineering units, Advanced reporting with Flex Tables & Automated model calibration. He also describe about, preparation of detailed project report for water supply scheme as per CPHEEO norms and requirements. He explains the components of water supply projects and its design consideration. External Expert **Er. Prajakta Wanjari** also delivered 3 lectures on Extended Period Simulation.

At the end of course, he elaborate about estimate preparation for water supply component and compilation of costs into the detailed estimation.

  
**Dr. Harshal Warade / Mr. Khalid Ansari**  
Course Coordinators  
Department of civil Engineering,  
YCCE, Nagpur

  
**Dr. S. P. Raut**  
HOD,  
Department of civil Engineering,  
YCCE, Nagpur



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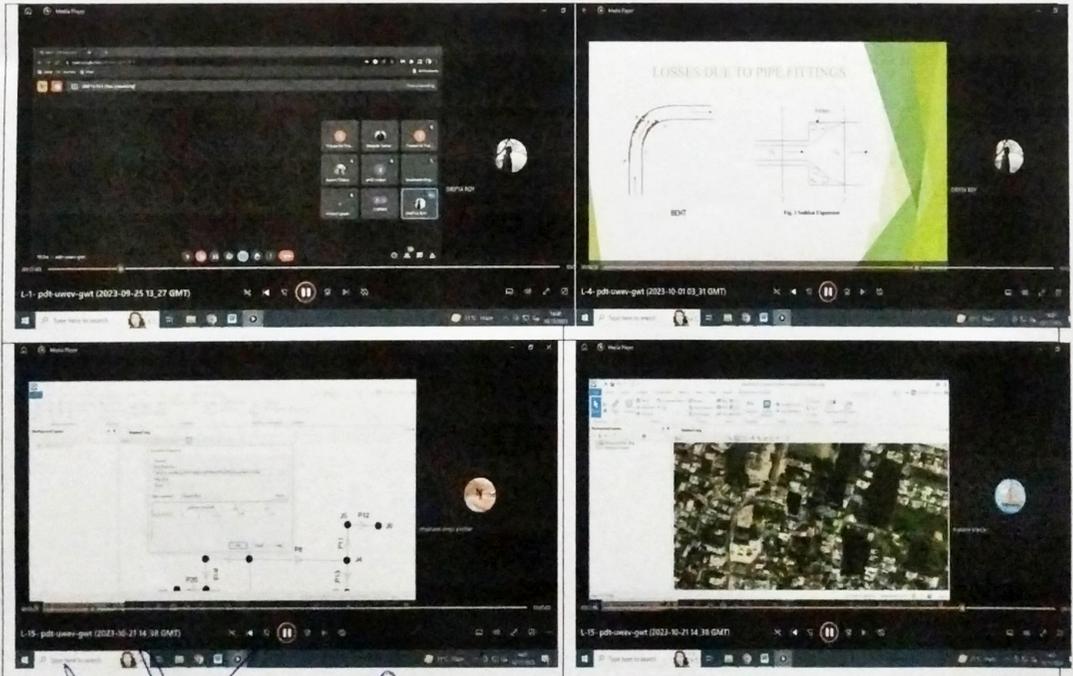
## DEPARTMENT OF CIVIL ENGINEERING

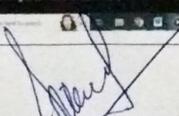
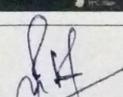
Total 12 participants were registered for this 40-hour Certification Course on WaterGEMS. All the participants were professional experts from different companies in water supply domain. Pre & Post assessment test were organized during the course for effective evaluation also assignments were given for hand on training.

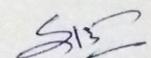
This certification course is beneficial to field professionals for skill development in design of water supply systems. The course fees was Rs.-6000/- to all participant. The delivery mode of mentioned course was online as all participants are outside of YCCE & worked in different locations.

**Dr. Harshal Warade** summaries all the sessions on design of water supply system with WaterGEMS and delivered the link of feedback form to all participants. He expresses thanks to Hon. Management Authorities, Dr. U. P. Waghe, Principal, YCCE, Dr. S. P. Raut, HOD, Department of Civil Engineering, YCCE for organizing such a course for field professional & announced the end of course on dated 30<sup>th</sup> October 2023.

Following are the several Screenshots of program



  
  
**Dr. Harshal Warade / Mr. Khalid Ansari**  
Course Coordinators  
Department of civil Engineering,  
YCCE, Nagpur

  
**Dr. S. P. Raut**  
HOD,  
Department of civil Engineering,  
YCCE, Nagpur

## ABOUT INSTITUTE

Yeshwantrao Chavan College of Engineering (YCCE) is renowned for Engineering Education and Research. For over 36 years, it has successfully nurtured young engineering professionals, becoming a sought-after destination for students aspiring to higher technical education and placement in the competitive software and core industries. Accreditation with 'A++' Grade by UGC National Assessment and Accreditation Council (NAAC), Bangalore.

## ABOUT DEPARTMENT

Being the oldest department of the institute, we offer a four-year course leading to the Bachelor's Degree in Civil Engineering with an intake of 120, two-year courses leading to Master's degree in two major specializations of Civil Engineering as M. Tech in Structural Engineering with intake 18 and M. Tech in Environmental Engineering with intake 12. Along with this 03 programs for B.Tech HONORS in Civil Engineering and 01 program of B.Tech Minor in Civil Engineering. The department of Civil Engineering is an active research centre under the RTM Nagpur University and 30 Ph. Ds and 01 M. E. By Research degrees have been awarded and at present 18 PhD research Scholars are pursuing their research activities in the department.

## OBJECTIVES OF THE TRAINING

- To be aware about **WaterGEMS** software, which covers all areas of water distribution network engineering, including model development, verification, analysis, design, and results review.
- Participant who learn more about **WaterGEMS** will be better equipped to pursue a career in civil engineering analysis and design.
- To encourage more entrepreneurship among Civil Engineers.

The expected audience are Pass out students of Diploma, B. Tech in Civil Engg. (Final year and Pass out) and Industry professionals.

The participation fees for this course is Rs. 6000/- per participant.

The participants will be awarded the certificate of completion. Minimum 80% Attendance is Mandatory along with successful completion of the assignments after the course certificates will be provided by the institute.

REGISTER YOURSELF - <https://forms.gle/ntzYndtiH5MfXQsu7>

NAGAR YUVAK SHIKSHAN SANSTHA'S  
**YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING**  
(AN AUTONOMOUS INSTITUTION AFFILIATED TO RTMNU) HINGNA  
ROAD, WANADONGRI, NAGPUR - 441110  
Accredited with NAAC A++ grade

**Certification course on**  
**"WaterGEMS"**  
from  
**10/09/2023 onward**  
**(Duration 40 hrs)**

ORGANIZED BY



**DEPARTMENT OF CIVIL ENGINEERING**

*In association with*  
**(IEI) & ASCE student chapter and under**  
*the aegis of IQAC, YCCE, Nagpur*

**PRINCIPAL CONVENER**

**Dr. S. P. Raut**

Head

Dept. of Civil Engg., YCCE

**CO-ORDINATOR**

**Dr. Harshal Warade**  
Assistant Professor,  
Dept. of Civil Engg., YCCE

**Mr. Khalid Ansari**  
Assistant Professor,  
Dept. of Civil Engg., YCCE

Contact on  
Mob. no.9421673798 Email- hmwarade@gmail.com

# Khalid Shamim Ansari

Assistant Professor

Yeshwantrao Chavan College of Engineering,

Nagpur, Maharashtra, India

019960936279

ksansari@ycce.edu



## Personal Profile

Dedicated and experienced Assistant Professor in Civil Engineering with a strong record in teaching, research, and academic service. Committed to fostering a stimulating learning environment and advancing the field through innovative research. Seeking to leverage 12 years of teaching experience and extensive knowledge in civil engineering to contribute to academic excellence at Yeshwantrao Chavan College of Engineering, Nagpur, India

## Achievements

- Dr. P.R. Bhawe Memorial Prize for the Best Article on “A new genetic algorithm-based methodology for optimal design of water distribution networks.”
- Best Paper Award “Experimental Analysis of effective microorganism with vermicomposting on domestic solid waste” on RAMMML 2022 organized by the Department of Mechanical Engineering, YCCE, Nagpur

## Education Background

**PH.D IN CIVIL ENGINEERING (2023)**

RASHRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

**MTECH (POST GRADUATE) IN ENVIRONMENTAL ENGINEERING (2011)**

VISVESVARA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR

**BACHELOR OF ENGINEERING IN CIVIL ENGINEERING (2009)**

RASHRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

## Relevant Experience

- Assistant Professor, Department of Civil Engineering [12 years]
- Developed and taught courses like [Water Supply Engineering, Environmental Management, Materials Science, Water Treatment etc.,]
- Supervised 10 Post Graduate students and 12 Undergraduate projects.
- Integrated practical experiences and research insights into lectures.
- Contributed to curriculum development and accreditation processes
- Worked in Admission Committee
- Worked as Examination In-Charge for Various Examination
- Coordinator for various Students Development Program
- Coordinator for various Students Gymkhana
- Organizing Secretary for National Level Workshop
- Committee Member for Graduation Ceremony
- Committee Member for NBA, NAAC, and Autonomous Accreditation

## Book Publication

**Basic Elements of Environmental Management**

- Publisher: Evincepub Publishing
- ISBN: 9789356735125
- Edition: 2023

- 1] Dehghani, M. H., Ahmadi, S., Ghosh, S., Khan, M. S., Othmani, A., Khanday, W. A., Gökkuş, Ö., Osagie, C., Ahmaruzzaman, M., Mishra, S. R., Lima, E. C., Mubarak, N. M., Karri, R. R., & Ansari, K. (2024). Sustainable remediation technologies for removal of pesticides as organic micro-pollutants from water environments: A review. *Applied Surface Science Advances*, 19, 100558. <https://doi.org/https://doi.org/10.1016/j.apsadv.2023.100558> [Q1, I.F (6.2), H Index 16]
- 2] Ansari, K\*, Shrikhande, A., Malik, M., Alahmadi, A., Alwetaishi, M., Alzaed, A., & Elbeltagi, A. (2022). Optimization and Operational Analysis of Domestic Greywater Treatment by Electrocoagulation Filtration Using Response Surface Methodology. *Sustainability*, 14(22), 15230. <https://doi.org/10.3390/su142215230> [Q2, I.F (3.8), H Index 136] [\*Corresponding Author]
- 3] Ansari, K\*, Khandeshwar, S., Waghmare, C., Mehboob, H., Gupta, T., Shrikhande, A. N., & Abbas, M. (2022). Experimental Evaluation of Industrial Mushroom Waste Substrate Using Hybrid Mechanism of Vermicomposting and Effective Microorganisms. *Materials*, 15(9), 6–7. <https://doi.org/10.3390/ma15092963> [Q2, I.F (3.4), H Index 146] [\*Corresponding Author]
- 4] Waghmare, C., Ghodmare, S., Ansari, K\*, Dehghani, M. H., Amir Khan, M., Hasan, M. A., Islam, S., Khan, N. A., & Zahmatkesh, S. (2023). Experimental investigation of H3PO4 activated papaya peels for methylene blue dye removal from aqueous solution: Evaluation on optimization, kinetics, isotherm, thermodynamics, and reusability studies. *Journal of Environmental Management*, 345, 118815. <https://doi.org/https://doi.org/10.1016/j.jenvman.2023.118815> [Q1, I.F (8.7), H Index 218] [\*Corresponding Author]
- 5] Gupta, T., Ansari, K\*, Lataye, D., Kadu, M., Khan, M. A., Mubarak, N. M., Garg, R., & Karri, R. R. (2022). Adsorption of Indigo Carmine Dye by Acacia nilotica sawdust activated carbon in fixed bed column. *Scientific Reports*, 12(1), 15522. <https://doi.org/10.1038/s41598-022-19595-6> [Q1, I.F (4.6), H Index 282] [\*Corresponding Author]
- 6] Ansari, K\*, Shrikhande, A. N. (2019). Feasibility on Grey Water Treatment by Electrocoagulation Process: A Review. *International Journal on Emerging Technologies* 10(1): 85-92(2019). [\*Corresponding Author]
- 7] Agrawal, D., Waghe, U., Ansari, K\*, Dighade, R., Amran, M., Qader, D. N., & Fediuk, R. (2023). Experimental effect of pre-treatment of rubber fibers on mechanical properties of rubberized concrete. *Journal of Materials Research and Technology*, 23, 791–807. <https://doi.org/10.1016/j.jmrt.2023.01.027> [Q1, I.F (6.2), H Index 77] [\*Corresponding Author]
- 8] Meshram, S., Raut, S. P., Ansari, K\*, Madurwar, M., Daniyal, M., Khan, M. A., Katare, V., Khan, A. H., Khan, N. A., & Hasan, M. A. (2023). Waste slags as sustainable construction materials: a compressive review on physico mechanical properties. *Journal of Materials Research and Technology*, 23, 5821–5845. <https://doi.org/https://doi.org/10.1016/j.jmrt.2023.02.176> [Q1, I.F (6.2), H Index 77] [\*Corresponding Author]
- 9] Nikhade, H., Birali, R. R. L., Ansari, K\*, Khan, M. A., Najm, H. M., Anas, S. M., Mursaleen, M., Hasan, M. A., & Islam, S. (2023). Behavior of geomaterial composite using sugar cane bagasse ash under compressive and flexural loading. *Frontiers in Materials*, 10. <https://doi.org/10.3389/fmats.2023.1108717> [Q1, I.F (3.2), H Index 45] [\*Corresponding Author]
- 10] Raja, K. C. P., Thaniarasu, I., Elkotb, M. A., Ansari, K., & Saleel, C. A. (2021). Shrinkage Study and Strength Aspects of Concrete with Foundry Sand and Coconut Shell as a Partial Replacement for Coarse and Fine Aggregate. *Materials*, 14(23). <https://doi.org/10.3390/ma14237420> [Q2, I.F (3.4), H Index 146]
- 11] Sathish, T., Mohanavel, V., Ansari, K., Saravanan, R., Karthick, A., Afzal, A., Alamri, S., & Saleel, C. A. (2021). Synthesis and Characterization of Mechanical Properties and Wire Cut EDM Process Parameters Analysis in AZ61 Magnesium Alloy + B4C + SiC. *Materials*, 14(13). <https://doi.org/10.3390/ma14133689> [Q2, I.F (3.4), H Index 146]

- Agaraja, S., Kodandappa, R., Ansari, K., Kuruniyan, M. S., Afzal, A., Kaladgi, A. R., Aslfattahi, Saleel, C. A., Gowda, A. C., & Bindiganavile Anand, P. (2021). Influence of Heat Treatment and Reinforcements on Tensile Characteristics of Aluminium AA 5083/Silicon Carbide/Fly Ash Composites. *Materials*, 14(18). <https://doi.org/10.3390/ma14185261> [Q2, I.F (3.4), H Index 146]
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- 14] Saeed, A., Najm, H. M., Hassan, A., Sabri, M. M. S., Qaidi, S., Mashaan, N. S., & Ansari, K. (2022). Properties and Applications of Geopolymer Composites: A Review Study of Mechanical and Microstructural Properties. *Materials*, 15(22). <https://doi.org/10.3390/ma15228250> [Q2, I.F (3.4), H Index 146]
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## Patent

- Patent Granted by GOVERNMENT OF INDIA on “ A MULTISTAGE BUCKET FOR FLOOR CLEANING” with application number **202121062267**
- PATENT PUBLISHED BY GOVERNMENT OF INDIA ON “ ADSORBENT FROM MARIGOLD FLOWER WASTE” WITH APPLICATION NUMBER **202321051658**

- BIOMASS CONVERSION AND BIOREFINERY, SPRINGER PUBLICATION [SCIE INDEXED]
- FRONTIER IN WATER, FRONTIER PUBLICATION [SCOPUS INDEXED]

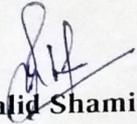
### Contact Information

**Dr. Khalid Shamim Ansari**

- Email ID: ksansari@ycce.edu, khalidshamim86@rediffmail.com
- Mobile No: + 91 9960936279
- SCOPUS URL: <https://www.scopus.com/authid/detail.uri?authorId=57217144217>
- GOOGLE SCHOLAR URL: <https://scholar.google.com/citations?user=nUsXV7UAAAAJ&hl=en&oi=ao>
- RESEARCH GATE URL: <https://www.researchgate.net/profile/Khalid-Ansari-5>
- ORCID ID: <http://orcid.org/0000-0003-4054-6502>

### Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief

  
Dr. Khalid Shamim Ansari

## CURRICULUM VITAE

### 1. GENERAL PARTICULARS

**Name:** Dr. Harshal Madhukar Warade

**Designation:** Assistant Professor

Department of Civil Engineering, Yeshvantrao Chavan College of Engineering, Nagpur

**Date of Birth:** 18/10/1987

**Sex (M/F):** Male

### 2. EDUCATIONAL DETAILS (GRADUATION ONWARDS)

S. No.	Institution	Degree Awarded	Year	Field of Study
01	Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur	Ph.D (Environmental Engineering)	2021	Bio Energy, Bio Mass
02	G. H. Rasoni College of Engineering, Nagpur	M. Tech	2012	Environmental Engineering
03	Babasaheb Naik College of Engineering Pusad Yavatmal M.S.	Bachelor of Engineering	2010	Civil Engineering
04	Government Polytechnic Bramhapuri Chandrapur M.S.	Diploma in Engineering	2007	Civil Engineering

### 3. PROFESSIONAL CAREER (STARTING WITH THE MOST RECENT EMPLOYMENT)

S. No.	Institution	Position	From (Date)	To (Date)
01	Yeshvantrao Chavan College of Engineering, Nagpur, M.S.	Assistant Professor	01/01/2014	Till Date

### 4. HONORS/ AWARDS

- i. Awarded as Lead Auditor in ISO-14000 for Environmental Management System by TUV Nord India

### 5. PUBLICATIONS (NUMBERS ONLY)

- i. Books: Nil  
 ii. Research Papers, Reports: 05  
 iii. General articles: Nil  
 iv. Patents : 02 in Publishing Process  
 v. Others (Please specify): Nil

**LIST FIVE MOST RECENT PUBLICATIONS WITH IMPACT FACTOR RELEVANT TO THE PROPOSED AREA OF WORK (IN CHRONOLOGICAL ORDER)**

6.

- i. H. M. Warade, Monika Tiwari, and Falguni Dachewar @Performance of anaerobic digestion process by Utilisation of energy crop on lab scale reactor” International Conference on Recent Advances in Material, Manufacturing, and Machine Learning (RAMMML), June-2022- Taylor & Fransis.
- ii. Harshal Warade, Dr. Ramesh Daryapurkar and Dr. P.B. Nagarnaik “Review of Biogas Production from various substrates and Co-substrates through different Anaerobic Reactor”, International Journal on Emerging Technologies, Vol.-10 No.-2, August-2019, ISSN (Print) : 0975-8364, (Online) : 2249-3255, pp-235-242.
- iii. Harshal Warade, Dr. Ramesh Daryapurkar and Dr. P.B. Nagarnaik, “Feasibility of Biogas Production from Napier Grass using Animal Manure as Co-substrate on Pilot Scale Reactor”, Water and Energy International, Central Board of Irrigation and Power (CBIP), Volume-62, Issue-3, June-2019, ISSN: 0974-4711, pp-36-41.
- iv. Harshal Warade, Dr. Ramesh Daryapurkar and Dr. P.B. Nagarnaik, “Assessment of Biogas Production from Energy Crop Using Animal Manure as Co substrate Through Portable Reactor”, International Conference on Smart Technologies for Energy, Environment and Sustainable Development, Springer Nature, doi.org/10.1007/978-981-13-6148-7\_18, (2019), pp-165-174.
- v. Harshal Warade, Dr. Ramesh Daryapurkar and Dr. P.B. Nagarnaik, “Impact of Micronutrients on bio-energy production with addition of animal dung- A Pilot Scale Study”, International Conference on Recent Advancements in Civil Engineering and Infrastructural Developments (RACEID), June-2019- Springer Nature, [https://doi.org/10.1007/978-981-15-6463-5\\_40](https://doi.org/10.1007/978-981-15-6463-5_40), Print ISBN978-981-15-6462-8, Online ISBN978-981-15-6463-5

7

**PROFESSIONAL EXPERIENCE RELEVANT TO THE PROJECT**

1. Establish Two FOV biogas reactor having volume of 10 Cu.m under the initiative of Rising Chakra Foundation and Lars Enviro Pvt. Ltd. Nagpur.
2. Establish One Floating dome biogas reactor having volume of 2.5 Cu.m under the initiative of Gobardhan Project Government of Maharashtra.

**8. ONGOING RESEARCH PROJECTS**

S. No.	Title of Project	Source of Funds	Amount	Duration
01	Assessment of Biogas Production by experimental & theoretical methods using response surface methodology	Internal	25000	Session 2022-23
02	Pretreatment of Lignocellulosic biomass for Anaerobic Digestion process	Internal	18000	Session 2022-23

**9. RESEARCH PROJECTS COMPLETED DURING THE LAST THREE YEARS**

S. No.	Title of Project	Source of Funds	Amount	Duration
01	Biomethane potential from Solid waste through Pilot Scale Reactor	Internal	10000	Session 2020-21
02	Energy Recovery from High Energy Crops through Biochemical Methane Potential'	Internal	8500	Session 2019-20
03	Assessment of Biogas Production from Digestion & Co-digestion of Organic Matter using Anaerobic Reactor	Internal	12000	Session 2017-18

It is certified that the above particulars submitted are true and correct.

Place: Nagpur

Signature :   
Dr. Harshal M. Warade

Date : 12/12/2022



Nagar Yuwak Shikshan Sanstha's

# YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

(An Autonomous Institution affiliated To Rashtrasant Tukadoji Maharaja Nagpur University)



## DEPARTMENT OF CIVIL ENGINEERING UNDER THE AEGIS OF IQAC, YCCE

IN ASSOCIATION WITH



AMERICAN SOCIETY OF CIVIL  
ENGINEERS (STUDENT CHAPTER)

THE INSTITUTION OF ENGINEERS  
INDIA (STUDENT CHAPTER)



# CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS PRESENTED TO

**AMIT RANJAN**

For successfully completing the 40 Hrs. certification course on **Bentley WaterGEMS**  
in **September-October 2023.**

DR. HARSHAL WARADE  
ASST. PROFESSOR  
DEPT. OF CIVIL ENGG.  
YCCE, NAGPUR

DR. KHALID ANSARI  
ASST. PROFESSOR  
DEPT. OF CIVIL ENGG.  
YCCE, NAGPUR

DR. S. P. RAUT  
HOD  
DEPT. OF CIVIL ENGG.  
YCCE, NAGPUR

DR. U. P. WAGHE  
PRINCIPAL  
YCCE, NAGPUR



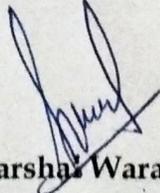
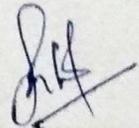
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Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.yccc.edu

## DEPARTMENT OF CIVIL ENGINEERING

### Impact Analysis of Certification Course on WaterGEMS

Impact Analysis of certification course is a process of measuring resultant outcomes or developmental changes consequent upon a training initiative. It focuses on assessing whether or not the objectives are achieved. In Certification Course on WaterGEMS, Impact of course content have been analysed through pre assessment and post assessment test. Pre assessment test was conducted before the start of course and post assessment test was conducted after the completion of course. The evaluation is carried out based on both test results and submission of assignment from participant.

S.N.	Name of Participant	Marks in Pre Assessment Quiz (10)	Marks in Post Assessment Quiz (10)	Marks on Post Assignment (10)	Avg. of Post Assessment	Impact in (%)
1	Vivek Singh Baghel	5	8	8	8	60
2	Gitesh Rai	4	6	9	8	88
3	Shashank Singh Parihar	6	9	9	9	50
4	Apoorv	3	6	9	8	150
5	Vishant goyal	4	7	7	7	75
6	Amit Ranjan	4	4	7	6	38
7	Dripta Roy	4	9	0	5	13
8	Souvik Mondal	4	7	7	7	75
9	Rahul Ravindra Singh	5	8	8	8	60
10	Deepak Tomar	5	10	5	8	50
11	Amjani Pandey	4	7	7	7	75
12	Kuldeep Singh	3	8	7	8	150
					<b>Avg. Impact</b>	<b>73</b>

  
  
**Dr. Harsha Warade / Mr. Khalid Ansari**  
Co-ordinator



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## DEPARTMENT OF CIVIL ENGINEERING

### Certification Course on "WaterGEMS"

#### Schedule of Lecture

Certification Course on WaterGEMS will be scheduled from 25.09.2023 to 30.10.2023. Timing of lectures will be from 7:30 pm to 8:30 pm on all working days except holidays. The date wise details along with course content & concern faculty are given in below Table.

Sr. No.	Name of Faculty	Date	Course Content	Duration
1	Dr. Harshal Warade	25-09-2023	Introduction of Water supply	1 Hours
2	Dr. Harshal Warade	26-09-2023	Introduction of Water supply	1 Hours
3	Dr. Harshal Warade	27-09-2023	Introduction of Software	1 Hours
<b>28-09-2023 Holiday (Id E Milad)</b>				
4	Dr. Harshal Warade	29-09-2023	Software interface	1 Hours
5	Dr. Harshal Warade	30-09-2023	Compatible platforms	1 Hours
6	Dr. Harshal Warade	01-10-2023	Compatible platforms	3 Hours
<b>02-10-2023 Holiday (Gandhi Jayanti)</b>				
7	Dr. Harshal Warade	03-10-2023	Hydraulics & Operations	1 Hours
8	Mr. Khalid Ansari	04-10-2023	Steady-state and extended-period simulations	1 Hours
9	Mr. Khalid Ansari	05-10-2023	Constituent concentration analysis	1 Hours
10	Mr. Khalid Ansari	06-10-2023	Fire flow analysis	1 Hours
11	Mr. Khalid Ansari	07-10-2023	System head curves	1 Hours
12	Mr. Khalid Ansari	08-10-2023	Practice on head curves	3 Hours
13	Mr. Khalid Ansari	09-10-2023	Leakage and sprinkler modelling	1 Hours
14	Mr. Khalid Ansari	10-10-2023	Water loss analysis	1 Hours
15	Mr. Khalid Ansari	11-10-2023	Pressure-dependent demands	1 Hours
16	Mr. Khalid Ansari	12-10-2023	Combination pump curves	1 Hours
17	Mr. Khalid Ansari	13-10-2023	Real-time modelling	1 Hours
18	Mr. Khalid Ansari	14-10-2023	Pressure zone management	1 Hours
19	Mr. Khalid Ansari	15-10-2023	Practice	3 Hours
20	Mr. Khalid Ansari	16-10-2023	Shape file & geodata base	1 Hours
21	Mr. Khalid Ansari	17-10-2023	Automatic demand allocation	1 Hours
22	Mr. Khalid Ansari	18-10-2023	Geospatial demand allocation	1 Hours
23	Mr. Khalid Ansari	19-10-2023	Unaccounted for water and leakage	1 Hours
24	Mr. Khalid Ansari	20-10-2023	Area, discharge, and population loading	1 Hours
25	Mr. Khalid Ansari	21-10-2023	Elevation extraction from shape files	1 Hours
26	Mr. Khalid Ansari	22-10-2023	Elevation extraction from CAD drawings	3 Hours
27	Mr. Khalid Ansari	23-10-2023	Bing Maps support	1 Hours
<b>24-10-2023 Holiday (Dushera)</b>				



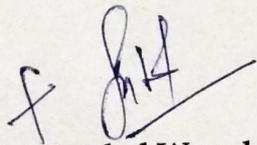
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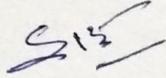
## DEPARTMENT OF CIVIL ENGINEERING

### Certification Course on "WaterGEMS"

#### Schedule of Lecture

28	Mr. Khalid Ansari	25-10-2023	Model sync in/out to an external file	1 Hours
29	Mr. Khalid Ansari	26-10-2023	Update a model sync out to an external file	1 Hours
30	Dr. Harshal Warade	27-10-2023	Unlimited scenarios and alternatives	1 Hours
31	Dr. Harshal Warade	28-10-2023	Statistical analysis from tabular reports	1 Hours
32	Dr. Harshal Warade	29-10-2023	Dynamic and static selection sets	1 Hours
33	Dr. Harshal Warade	30-10-2023	Local and global engineering units	1 Hours
			<b>TOTAL</b>	<b>40 Hrs</b>

  
**Dr. Harshal Warade**  
Co-ordinator

  
**Dr. S. P. Raut**  
Head Of Department

### List of Participant for WaterGEMS Program

Sr. No.	Name of Participant	Name of Company	Mobile No. (Preferably Whatsapp No.)	Paid Fees (Rs)	Username
1	Vivek Singh Baghel	Lion engineering and consulting services pvt ltd	7999058790	6000	<a href="mailto:vsinghbg@gmail.com">vsinghbg@gmail.com</a>
2	Gitesh Rai	Themes engineering services	9302299875	6000	<a href="mailto:giteshrai@gmail.com">giteshrai@gmail.com</a>
3	Shashank Singh Parihar	Antea India Pvt Ltd.	9131603080	6000	<a href="mailto:shashankparihar93@gmail.com">shashankparihar93@gmail.com</a>
4	Apoorv	Engineering consultant	6261679202	6000	<a href="mailto:thakur.apurv00@gmail.com">thakur.apurv00@gmail.com</a>
5	Vishant goyal	TUV-SUD South Asia PVT. limited	9753552262	6000	<a href="mailto:vishantgoyal284@gmail.com">vishantgoyal284@gmail.com</a>
6	Amit Ranjan	RHDHV	7248631032	6000	<a href="mailto:smartamit17@gmail.com">smartamit17@gmail.com</a>
7	Dripta Roy	North Dum Dum Municipality	8902554558	6000	<a href="mailto:roydriptasc2012@gmail.com">roydriptasc2012@gmail.com</a>
8	Souvik Mondal	Zetweark Manufacturing Buissness PVT.LTD	9903489449	6000	<a href="mailto:souvikdeara93@gmail.com">souvikdeara93@gmail.com</a>
9	Rahul Ravindra Singh	GHRCE Nagpur	9370378714	6000	<a href="mailto:rsingh70119@gmail.com">rsingh70119@gmail.com</a>
10	Deepak Tomar	PNC Ltd	9340292603	6000	<a href="mailto:deepaktomar8435@gmail.com">deepaktomar8435@gmail.com</a>
11	Amjani Pandey	UP Jal Nigam	8303254994	6000	<a href="mailto:anjanipandey113@gmail.com">anjanipandey113@gmail.com</a>
12	Kuldeep Singh	UP Jal Nigam	8109274480	6000	<a href="mailto:kuldeepsingh01248@gmail.com">kuldeepsingh01248@gmail.com</a>
			<b>TOTAL</b>	<b>72000</b>	

  
 (Haashtal Wasade)  
 Co-ordinator



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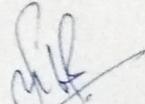
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## DEPARTMENT OF CIVIL ENGINEERING

### Attendance Sheets

S. N.	Name Participant	25-09-2023	26-09-2023	27-09-2023	29-09-2023	30-09-2023	01-10-2023	03-10-2023	03-10-2023	04-10-2023	05-10-2023	06-10-2023	07-10-2023	08-10-2023	09-10-2023	10-10-2023	11-10-2023	12-10-2023	13-10-2023	14-10-2023	15-10-2023	16-10-2023	17-10-2023	18-10-2023	19-10-2023	20-10-2023	21-10-2023	22-10-2023	23-10-2023	25-10-2023	26-10-2023	27-10-2023	28-10-2023	29-10-2023	30-10-2023		
1	Vivesk Singh Baghel	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
2	Gitesh RAI	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
3	Shashank Singh PariharParihar	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
4	Apoorv	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A
5	Vishant Goyal	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
6	Amit Ranjan	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
7	Dripta Roy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Souvik Mondal	P	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
9	Rahul RAvindra Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
10	Deepak Tomar	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
11	Amjani Pandey	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P
12	Kuldeep Sign	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P

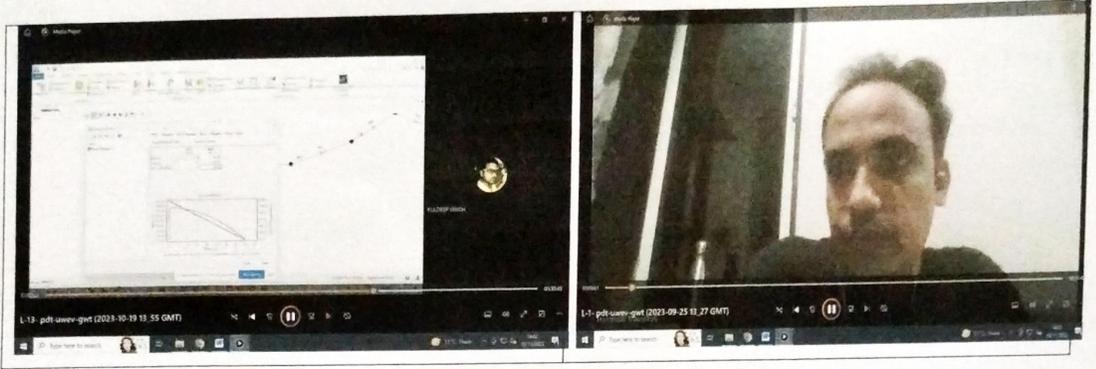
  
Dr. Khalid Ansari  
Co-ordinator



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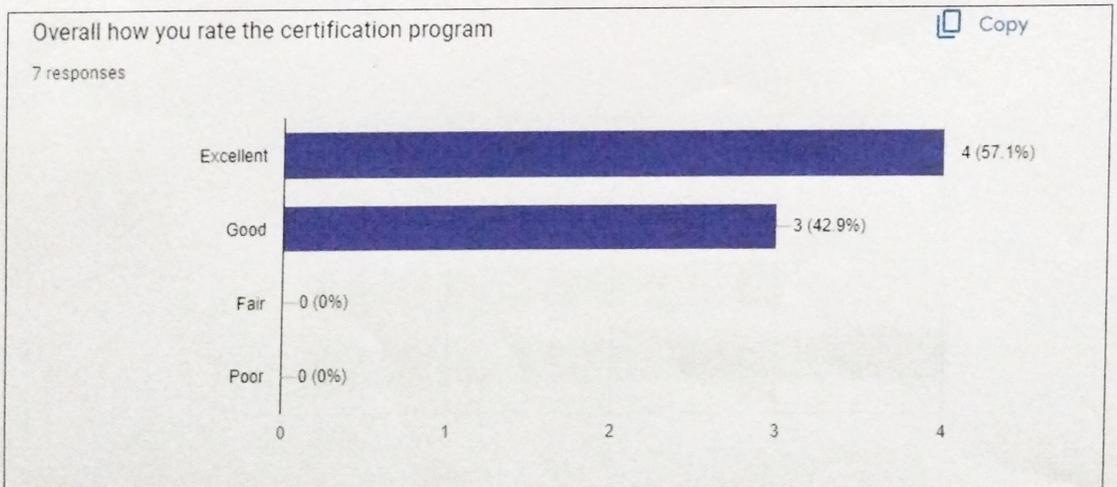
## DEPARTMENT OF CIVIL ENGINEERING



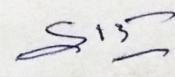
Following Links have been used during Certification Course

1. Link for Registration - <https://forms.gle/Wx1xpJbRTx7C6HEG6>
2. Link for Joining lectures - <https://meet.google.com/pdt-uwev-gwt>
3. Link for Pre-Assessment Test - <https://forms.gle/BDh9ZXauWLsWs34N6>
4. Link for Post-Assessment Test - <https://forms.gle/TJcmPWtj8DrmoAu17>
5. Link for Feedback - <https://forms.gle/h9T03fGDpurzTsr5>

### Feedback Results



  
**Dr. Harshal Warade / Mr. Khalid Ansari**  
Course Coordinators  
Department of civil Engineering,  
YCCE, Nagpur

  
**Dr. S. P. Raut**  
HOD,  
Department of civil Engineering,  
YCCE, Nagpur



Nagar YuwakShikshanSanstha's  
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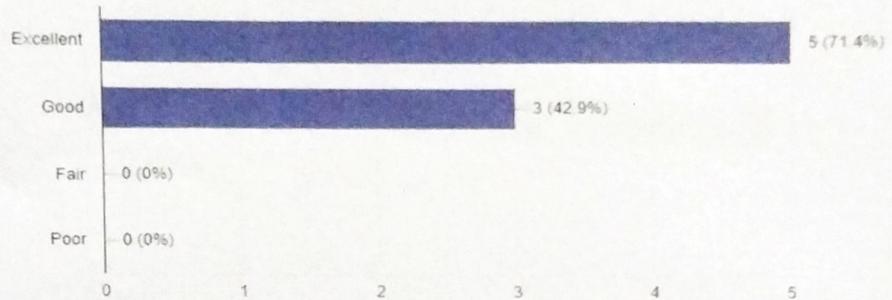
Ph: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

## DEPARTMENT OF CIVIL ENGINEERING

Did your trainer have thorough knowledge about the subject?

Copy

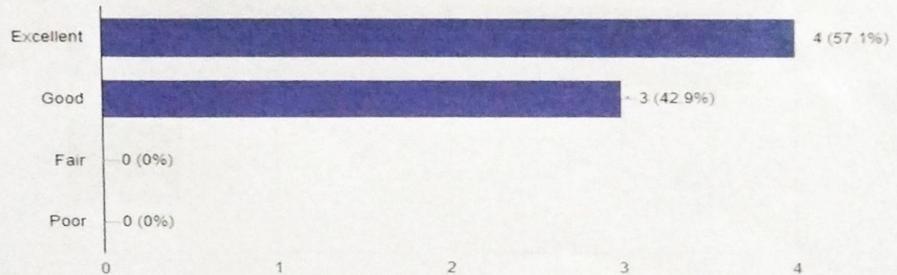
7 responses



Did your trainer answered your question effectively

Copy

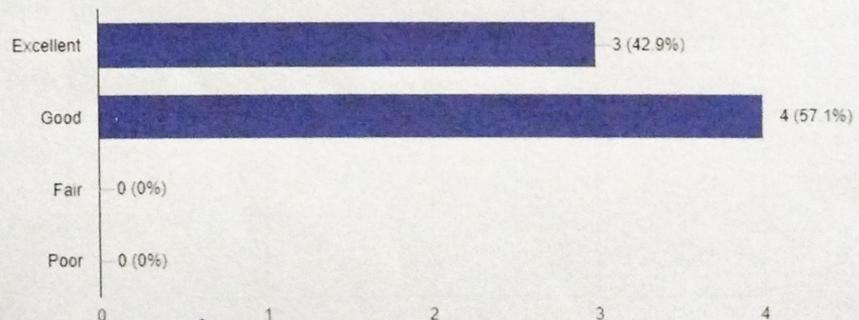
7 responses



How would you rate the overall skill of the trainer

Copy

7 responses



**Dr. Harsha Warade / Mr. Khalid Ansari**  
Course Coordinators  
Department of civil Engineering,  
YCCE, Nagpur

**Dr. S. P. Raut**  
HOD,  
Department of civil Engineering,  
YCCE, Nagpur



Nagar YuwakShikshanSanstha's  
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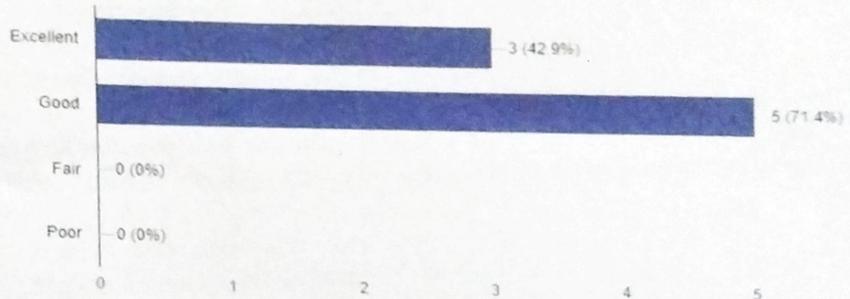
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**DEPARTMENT OF CIVIL ENGINEERING**

Did the class meet your expectation?

7 responses

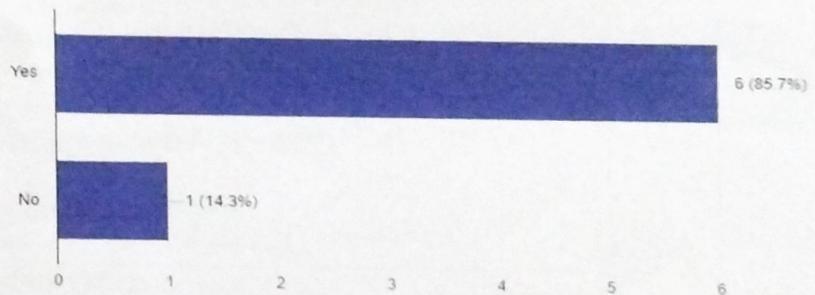
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Was the length & schedule of program is appropriate?

7 responses

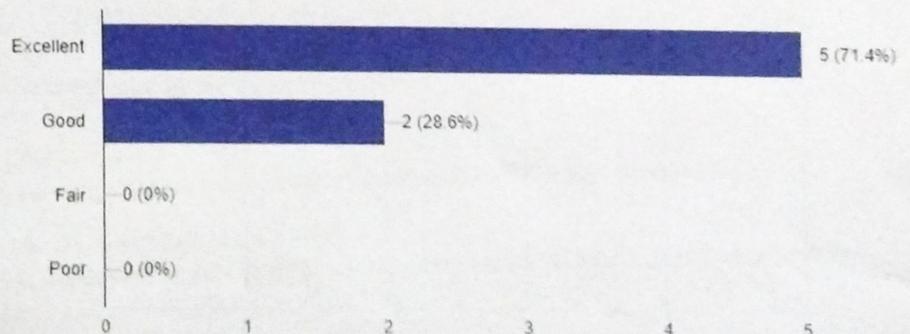
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How would you rate the certification program on WaterGEMS?

7 responses

Copy



**Dr. Harshal Warde / Mr. Khalid Ansari**  
Course Coordinators  
Department of civil Engineering,  
YCCE, Nagpur

**Dr. S. P. Raut**  
HOD,  
Department of civil Engineering,  
YCCE, Nagpur



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## DEPARTMENT OF CIVIL ENGINEERING

Following questions have been included in feedback process

What do you learn and take away from this Certification Program ?

- Certification program was very well. And it was very helpful for water supply expert in water supply projects.
- Design Distribution network with the help of water gems
- It's good to learn from this course, which is improve my knowledge about doing such development of water network and simulation of those things with quick hand. As a working professional its just awesome to do such network development work with perfections
- About designing of water networks.
- It is good program for design knowledge
- I have learned water gam software which will be helpful for distribution network designing.

What are the key specific topics you want to learn more from Certification Program ?

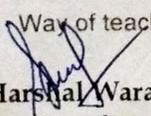
- Basic Hydraulic model of water supply
- Distribution Network
- Converting various formats
- Pump Definition work is that topic which i want to learnt more from this certification course.
- Converting dxf file into gem file
- WTP, Intake Well, pump house and Tanks designs
- Pumping main design

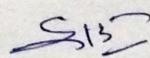
Did you think the content in the training material was sufficient? What could be added or improved?

- I think firstly all the topics arranged in sequence wise then give the explanation step by step.
- Good
- Yes it's good
- Yes, Sufficient, but SCADA connect could be added.
- Yes
- Yes content is good
- Particular one area network designing should be added with design.

What did you like the most about the training?

- Humble Cooperation with learner's and communicate with each and every person individual during session.
- Best learner of this agency
- Way of teaching is very good

  
**Dr. Harshal Warade / Mr. Khalid Ansari**  
Course Coordinators  
Department of civil Engineering,  
YCCE, Nagpur

  
**Dr. S. P. Raut**  
HOD,  
Department of civil Engineering,  
YCCE, Nagpur



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## DEPARTMENT OF CIVIL ENGINEERING

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- The approach of this training and thoroughly understanding on the topic was interesting.
- The way explanation of the topics
- Training is complete and detailed
- Teaching.

Do you have any suggestions that can help us improve the training program?

- In zoom meeting session was very improper due to multiple queries with more learner's. So it could be done in proper manner with planning and scheduling of session. I think doubt session keep in individual day for doubts only in some intervals so it would give better results .
- Time limit
- Make more classes about water gems
- Assignment work submitting channel could be added.
- Nothing right now.
- We would like to have these types of more programs
- Late classes

Please share any concerns or gaps.

- Need more doubts classes
- No such concern.
- Nothing
- If some stuff in form of pdf can available for study in future
- Pdf of classes should be given

**Dr. Harshal Warade / Mr. Khalid Ansari**  
Course Coordinators  
Department of civil Engineering,  
YCCE, Nagpur

**Dr. S. P. Raut**  
HOD,  
Department of civil Engineering,  
YCCE, Nagpur



## DEPARTMENT OF CIVIL ENGINEERING

NOTE

Date: 06/10/2023

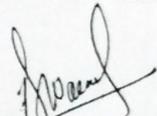
Subject: - Budget for Certificate course on "WATERGEMS" held at Civil Engineering Department on 27/09/2023 to 02/11/2023.

As per the discussion in the meeting dated 17.01.23 with Hon. Vrinda Madam about conduction of VAC and Certificate courses for External Candidates in view of IRG, Department of Civil Engineering is Organizing Certificate course on "WATERGEMS" for professionals from water supply domain from 27/09/2023 to 02/11/2023. The expertise for this course will be Dr. Harshal M. Warade and Dr. Khalid S. Ansari, Assistant Professor, Civil Engineering Department. This certification course will be beneficial to field professionals for skill development in design of water supply systems. The course fees will be Rs. 6000/- per participant. The delivery mode of mentioned course will be online as all participants are outside of YCCE & worked in different locations.

The estimate of expenditure is as follows:

S.N.	Details	Amount (Rs.)
01	Revenue Generated (12 Participant x Rs.6000)	72000.00
02	IRG Component (50%)	36000.00
03	Running Cost including Honorarium to Internal Trainers etc. (50%)	36000.00
04	Expenditure Required from College	NIL

This is for submission and necessary action.

  
Dr. Harshal M. Warade

Mr. Khalid S. Ansari

Convener

Mo. No.: 9421673798

Through, *forwarded for approval*

*S. P. Raut*  
Dr. S.P. Raut  
Head, Civil Engg. Dept.  
YCCE, Nagpur

Dr. A. V. Patil  
Dean, Academic Matters  
YCCE, Nagpur

To,  
Dr. U. P. Waghe  
The Principal,  
YCCE, Nagpur

*May be approved on the basis of 50% shall be retained by college as IRG of YCCE & remaining 50% to be distributed as honorarium to internal/external faculty.*

*OK*  
*DR*  
06/10/23  
PA

*OK*  
*DR*  
06/10/23

AL



Nagar Yuwak Shikshan Sanstha's  
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## Office of Dean (Academic Matters)

### CERTIFICATE / VAC COURSES 2022-23 for EXTERNAL CANDIDATES

**PREAMBLE:** The status of VAC and Certificate courses planned and conducted for External Candidates from the point of view of IRG were discussed in the meeting dated 17.01.23 in a meeting with Hon. Vrinda Madam. Following is the final planning for successful conduction of VAC / CC for outsiders.

Following points related to meagre response to VAC / CC were discussed in the meeting,

1. The newspaper advertisement for courses was not done since cost was much higher as compared to revenue that would be generated.
2. The authenticated certification eg from Autodesk, Bentley etc was not provided since we do not have any tie up with these companies.
3. The location of the course conduction was one of the problems faced due to YCCE campus being away from city.
4. It was resolved that even if the revenue generated may be less, we must run the VAC /CC so that the start shall be achieved.

The issue was discussed with the HoDs of Civil Engineering, Mechanical Engineering and Electrical Engineering and further planning was done as elaborated below.

#### A] Department of Civil Engineering

HoD Civil Engineering discussed the issue of certification from Bentley with officials of Ceinsys. As per the conversation with Ms. Trupti Gandhi, Executive Manager, Ceinsys Tech Limited, Nagpur, the certification for the course will be served by Bentley Software with Ceinsys Tech Limited serving as the Training Institute. Accordingly Civil Department has proposed a 40 Hrs course as per the following details,

Area	Course	Durati on	Fees	Tentative month of commencement	Resource Persons	Venue
Civil Engineering/ Environmental Engineering	Certificatio n Course on Bentley Water GEMS Software	(40 Hrs.)	5000/ -	20 <sup>th</sup> February 2023	Mr. Khalid Ansari, Dr. Harshal Warade, Assistant Professor, Civil Engineering Department, YCCE	Computer labs 1, 2- Department of Civil Engg.YCCE



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## Office of Dean (Academic Matters)

**Target participants:** the Diploma, BTech (Pass out Students) and Industrial Persons for outside YCCE

**No of participants:** 20 (Minimum)

**Advertisement:** social media and brochure distribution through personal contacts and mails.

**IRG Component:** 50 % College, 50% running cost.

### B] Department of Mechanical Engineering

As per the discussions amongst the members of faculty, the department have decided to float a value-added course on **Solidworks** for other than YCCE students. After checking the feasibility of adding certification from Dassault system, it is observed that the certification is very costly and won't be possible to get good number of candidates through that. Therefore they have decided to float VAC through Siemens centre of Excellence with minimum fees. The proposed course is scheduled between 15th Feb - 15th March 2023.



Nagar Yuwak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering**  
(NAAC "A+" Graded Autonomous Institution Affiliated to Nagpur University)  
Department of Mechanical Engineering



**VALUE ADDED TRAINING PROGRAM**  
ON  
**"SOLIDWORKS"**



**Eligibility**  
Polytechnic, B.E

**Registration fees**  
Solidworks: 1500/-

**Registration Details**  
Online Registration starts from: 25<sup>th</sup> Jan 2023  
Online Registration ends on: 10<sup>th</sup> Feb 2023  
Registration Form: <https://forms.gle/UGQ3NsKBqNFTQ7fVA>



Pay to Mobile  
No Using G Pay  
APP  
9665929995  
Pratuli  
Shirpurkar

**Organized by**  
Department of Mechanical Engineering  
NAFETIC (Siemens) Centre of Excellence for Digital  
Manufacturing and Robotics



## Office of Dean (Academic Matters)

**Target participants:** the Diploma, BTech (Pass out Students) and Industrial Persons for outside YCCE

**No of participants:** 30 (Minimum)

**Advertisement:** social media and brochure distribution through personal contacts and mails.

**IRG Component:** 50 % College, 50% running cost.

### C] Department of Electrical Engineering

As per the discussions amongst the members of faculty, the department have decided to float a value-added course on **TESTING OF ELECTRICAL EQUIPMENTS FOR ELECTRICAL ENGINEERS** for other than YCCE students. The certification shall be provided by YCCE. The proposed course is scheduled between 15th Feb - 15th March 2023.

SN	Area	Course	Duration	Fees	Tentative month of conduction	Resource Persons
1	Electrical Engineering	TESTING OF ELECTRICAL EQUIPMENTS FOR ELECTRICAL ENGINEERS	1Week (30 Hrs.)	450/-	Feb 2023 – March 2023	Faculties, E LDEPT. YCCE & external expert

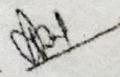
**Target participants:** ITI, Diploma, BTech (Pass out Students) and Industrial Persons for outside YCCE

**No of participants:** 40 (Minimum)

**Advertisement:** social media and brochure distribution through personal contacts and mails.

**IRG Component:** 50 % College, 50% running cost.

All the departments have already prepared the brochures of the VACs and have started advertising through social media and personal contacts. The department wise response of the participant collected for the VAC shall be monitored in second week of February 2023, shall be intimated.

  
Dr. A.V. Patil (DAM)

## ABOUT INSTITUTE

Yeshwantrao Chavan College of Engineering (YCCE) is renowned for Engineering Education and Research. For over 36 years, it has successfully nurtured young engineering professionals, becoming a sought-after destination for students aspiring to higher technical education and placement in the competitive software and core industries. Accreditation with 'A++' Grade by UGC National Assessment and Accreditation Council (NAAC), Bangalore.

## ABOUT DEPARTMENT

Being the oldest department of the institute, we offer a four-year course leading to the Bachelor's Degree in Civil Engineering with an intake of 120, two-year courses leading to Master's degree in two major specializations of Civil Engineering as M. Tech in Structural Engineering with intake 18 and M. Tech in Environmental Engineering with intake 12. Along with this 03 programs for B.Tech HONORS in Civil Engineering and 01 program of B.Tech Minor in Civil Engineering. The department of Civil Engineering is an active research centre under the RTM Nagpur University and 30 Ph. Ds and 01 M. E. By Research degrees have been awarded and at present 18 PhD research Scholars are pursuing their research activities in the department.

## OBJECTIVES OF THE TRAINING

- To be aware about WaterGEMS software, which covers all areas of water distribution network engineering, including model development, verification, analysis, design, and results review.
- Participant who learn more about WaterGEMS will be better equipped to pursue a career in civil engineering analysis and design.
- To encourage more entrepreneurship among Civil Engineers.

The expected audience are Pass out students of Diploma, B. Tech in Civil Engg. (Final year and Pass out) and Industry professionals.

The participation fees for this course is Rs. 6000/- per participant.

The participants will be awarded the certificate of completion. Minimum 80% Attendance is Mandatory along with successful completion of the assignments after the course certificates will be provided by the institute.

REGISTER YOURSELF - <https://forms.gle/tzYndtiH5MfXQsu7>

NAGAR YUVAK SHIKSHAN SANSTHA  
YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING  
(AN AUTONOMOUS INSTITUTION AFFILIATED TO RTMNU) HINGNA  
ROAD, WANADONGRI, NAGPUR - 441110  
Accredited with NAAC A++ grade

## Certification course on "WaterGEMS" from 10/09/2023 onward (Duration 40 hrs)

ORGANIZED BY



DEPARTMENT OF CIVIL ENGINEERING

In association with  
(IEI) & ASCE student chapter and under  
the aegis of IQAC, YCCE, Nagpur

PRINCIPAL CONVENER

Dr. S. P. Raut

Head

Dept. of Civil Engg., YCCE

CO-ORDINATOR

Dr. Harshal Warade

Assistant Professor,

Dept. of Civil Engg., YCCE

Mr. Khalid Ansari

Assistant Professor,

Dept. of Civil Engg., YCCE

Mob. No. 9421673798

Contact on

Email- hmwarade@gmail.com

## List of Participant for WaterGEMS Program

Sr. No.	Name of Participant	Name of Company	Mobile No. (Preferably Whatsapp No.)	Paid Fees (Rs)	Username
1	Vivek Singh Baghel	Lion engineering and consulting services pvt ltd	7999058790	6000	vsinghbg@gmail.com
2	Gitesh Rai	Themes engineering services	9302299875	6000	giteshrai@gmail.com
3	Shashank Singh Parihar	Antea India Pvt Ltd.	9131603080	6000	shashankparihar93@gmail.com
4	Apoorv	Engineering consultant	6261679202	6000	thakur.apurv00@gmail.com
5	Vishant goyal	TUV-SUD South Asia PVT. limited	9753552262	6000	vishantgoyal284@gmail.com
6	Amit Ranjan	RHDHV	7248631032	6000	smartamit17@gmail.com
7	Dripta Roy	North Dum Dum Municipality	8902554558	6000	roydriptasc2012@gmail.com
8	Souvik Mondal	Zetweark Manufacturing Buisness PVT.LTD	9903489449	6000	souvikdeara93@gmail.com
9	Rahul Ravindra Singh	GHRCE Nagpur	9370378714	6000	rsingh70119@gmail.com
10	Deepak Tomar	PNC Ltd	9340292603	6000	deepaktomar8435@gmail.com
11	Amjani Pandey	UP Jal Nigam	8303254994	6000	anjanipandey113@gmail.com
12	Kuldeep Singh	UP Jal Nigam	8109274480	6000	kuldeepsingh01288@gmail.com
			<b>TOTAL</b>	<b>72000</b>	

  
 (Haseem Wasade)  
 Coordinator



# Yeshwantrao Chavan College of Engineering

Hingna Road, Wanadongri, Nagpur - 441 110

## RECEIPT

Receipt No. YC/C12/C/23/1792 Date 07/10/2023  
Rec.From Value added course for External Candidate on " WATERGEMS  
Receipt Type FORM 27, 8, 23 to 2.11.2023 ( Mr Harshal M Warade , Dept - Civil  
OTHER RECEIPTS

PARTICULARS	AMOUNT
OTHER	72,000

Total Amount : 72,000

In words : Seventy Two Thousand Only.

Cash Amount : 0 D.D. Amount : 72,000

DD No.	Date	Issuing Bank	Amount
ch 000031	07/10/2023	TUCB YCCE	72,000

Remark:

Signature of Cashier:

07/10/2023 11:53:09 am

NEERAJ LATYADEV DWIVEDI

# **Mechanical Engineering**

icme

**Yeshwantrao Chavan College of Engineering  
Department of Mechanical Engineering**

*B. Rochabe*  
**Note Sheet**

Date: 04-12-2023

**Subject:** Proposal to organize a short term training program (STTP) on “**Advance Quality Engineering Techniques**”

As per the instruction from the authorities, we would like to organize a short term training program (STTP) on “**Advance Quality Engineering Techniques**” through online Mode. The specified course will be offered by Department of Mechanical Engineering, YCCE, Nagpur during **18.12.2023 to 23.12.2023**. Certificates will be issued to all the participants. The details about the program are as follows:

Sr. No.	Domain	Details	Remarks
1	No. of participants expected	50 Maximum	--
2	Fees per participant	Nil	--
3	Organizer	<b>Dr. J. P. Giri,</b> HOD, Mechanical Department, YCCE <b>Dr. R.B. Chadge,</b> Deputy HOD Mechanical Department, YCCE	--
4	Convener	<b>Dr. N. P. Mungle,</b> Mechanical Department, YCCE	--
5	Co-Convener	<b>Dr. P. D. Kamble</b> Mechanical Department, YCCE	--
6	Certification	Department of Mechanical Engineering, YCCE, Wanadongri, Nagpur.	--
7	Estimated expenses	Nil	Nil

Submitted for approval to:

**Dr. J. P. Giri**  
HOD, ME



*G. B. Wagle*  
**Dr. U.P. Waghe**  
Principal,  
YCCE, Nagpur

**Convener:** - Dr. N. P. Mungle,  
**Co-Convener:-** Dr. P. D. Kamble

*01190664*

Yeshwantrao Chavan College of Engineering, Nagpur

Department of Mechanical Engineering



Short Term Training Program  
ON  
"Advance Quality Engineering Techniques"  
Schedule

DAY – 1, 18<sup>th</sup> December 2023 (Monday)

11:00 am	Inauguration
11:30-01:00	<b>Session 1:</b> <i>Modeling, Simulation and Optimization qualitative Perspective</i> <b>Dr. Dinesh R. Zanwar</b> Professor, Mechanical Engineering, RCOEM, Nagpur
12:00-02:00	<b>Break</b>
02:00-03:30	<b>Session 2:</b> <i>Green Manufacturing for Sustainable Development</i> <b>Dr. Minaz Ahemad,</b> Professor, ME, SVPCE, Nagpur

DAY – 2, 19<sup>th</sup> December 2023 (Tuesday)

11:30-01:00	<b>Session 1:</b> <i>Design of Experiments (Factorial and Taguchi method)</i> <b>Dr. Prashant D. Kamble,</b> Assistant Professor, YCCE, Nagpur
12:00-02:00	<b>Break</b>
02:00-03:30	<b>Session 2:</b> <i>Quality Assurance</i> <b>Mr. Dipak Dhone</b> Kinetic Gears, Nagpur

DAY – 3, 20<sup>th</sup> December 2023 (Wednesday)

11:30-01:00	<b>Session 1:</b> <i>Advancements in Quality</i> <b>Dr. Amit B. Dutta,</b> General Manager, Mecgale Pneumatics, MIDC, Nagpur
12:00-02:00	<b>Break</b>
02:00-03:30	<b>Session 2:</b> <i>Six Sigma</i> <b>Dr. Dhananjay Jolhe,</b> Associate Professor, ME, VNIT, Nagpur

DAY –4, 21<sup>st</sup> December 2023 (Thursday)

# Yeshwantrao Chavan College of Engineering, Nagpur



## Department of Mechanical Engineering

11:30-01:00	<b>Session 1:</b> Expert Lecture on Taguchi Method <b>Dr. Prashant D. Kamble</b> Assistant Professor, ME, YCCE
12:00-02:00	Break
02:00-03:30	<b>Session 2:</b> <i>Design of Experiments</i> <b>Dr. Dhananjay Jolhe,</b> Associate Professor, ME, VNIT, Nagpur

DAY – 5, 22nd December 2023 (Friday)

11:30-01:00	<b>Session 1:</b> <i>Machine Learning</i> <b>Dr. Vishal Sathwane</b> Adj. Professor, CSE, NIT Raipur
12:00-02:00	Break
02:00-03:30	<b>Session 2:</b> <i>Lean Business Improvement</i> <b>Dr. Ramesh R. Lakhe</b> Director, Shreyas Quality Management System, Nagpur

DAY – 6, 23rd December 2023 (Saturday)

11:00-12:00	Valedictory Function
12:00-01:00	Online Quiz and Feedback

Note: - Schedule may be changed as per the availability of the experts

Participant	18-12-2023	19-12-2023	20-12-2023	21-12-2023	22-12-2023	23-12-2023
Prakash Erdabdkar	P	P	P	P	P	P
Bhatkulkar	P	P	P	P	P	P
Shant D. Kamble	P	P	P	P	P	P
Shor Marotrao Sawai	P	P	P	P	P	P
Chandrashekhar Joshi	P	P	A	P	P	P
ant Mahadeorao Fulmali	P	P	P	A	A	P
Shrikhande	P	P	P	P	P	P
li Bhojar	P	P	P	P	P	P
or N Wagh	P	P	P	P	P	P
aj Dasharath Balsaraf	P	P	P	P	P	P
akrushna Chincholkar	P	P	P	P	P	P
chin D Thakre	A	A	P	P	P	P
andrashekhar Nikantrao khale	P	P	P	P	P	P
ushar Sathe	P	P	P	P	P	P
arshal Patil	P	P	P	P	P	P
handrakant b kothare	P	P	P	P	P	P
Shubhangi Lazman Sayre	P	P	P	A	A	P
Sanya Baburao Raut	P	P	P	P	P	P
PPAJWAL Vilas Gedam	P	P	P	P	P	P
Caqar Dnyaneshwar Shelare	P	P	P	P	P	P

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Yeshwantrao Chavan College of Engineering was established in the year 1984 by Nagar Yuwak Bhikshan Banstha, Nagpur. YCCE is the first institution acknowledged for engineering education and research. Over the years the institution has magnificently led and encouraged the forthcoming young professionals across the country as one of the most opted **Engineering College in Maharashtra**. It is the first private engineering college in Central India to acquire **"Autonomous Status"**. YCCE has the honor to become the most preferred institution aiding innovative, research and value based, professional education for the society at large by the Academic Advisory Board consisting eminent academicians from the prestigious technical institutes in India and abroad.

The institute is recently reaccredited 'A++' Grade with the CGPA of 3.6 by National Assessment and Accreditation Council (NAAC) for a period of five years w.e.f. May 2022 to May 2027.

- University Grant Commission (UGC), New Delhi has granted Extension of Autonomy status for a period of Ten (10) years from the session 2022-23 to 2031-32.
- All the departments are approved research centres of RTM Nagpur University. 92 Patents have been granted till date.
- YCCE has established Siemens Centre of Excellence for digital manufacturing robotics, AVIVA Centre of Excellence and Nvidia Centre of Excellence for Artificial Intelligence and Machine Learning.
- Selected by Ministry of Micro, Small and Medium Enterprises, Govt. of India as Technical Business incubator under ASPIRE scheme and registered 9 startups.

**Chief Patrons**

**Hon'ble Shri Dattaji Meghe**, Chairman,  
Nagar Yuwak Bhikshan Banstha, Nagpur  
**Shri Sameerji Meghe**, Treasurer,  
Nagar Yuwak Bhikshan Banstha, Nagpur  
**Smt. Vrindatal Meghe**, Chief Advisor, MGI

**General Chair:**

**Dr. U. P. Waghe**,  
Principal, YCCE, Nagpur  
**Dr. M. M. Kshirsagar**,  
Director (Technical) and Advisor  
Meghe Group of Institutions

**Organizer**

**Dr. J. P. Giri**, HOD,  
Mechanical Department, YCCE  
**Dr. R.B. Chadge**, Deputy HOD  
Mechanical Department, YCCE.

**Convener**

**Dr. N. P. Mungle**,  
**Co-Convener**  
**Dr. P. D. Kamble**  
Mechanical Department, YCCE.

**Organizing Committee**

Dr. V. R. Khawale (9158180474)  
Prof. A. Edlabadkar (9764478622)  
Prof. D. I. Sangotra (9326061219)  
Prof. P. H. Hatwalne (9096273285)  
Dr. S. B. Sahare (9922943438)



Nagar Yuwak Bhikshan Banstha



**Yeshwantrao Chavan College  
of Engineering**

(An Autonomous Institution affiliated to Pashchim  
Lakadop Maharaj Nagpur University)

Accredited 'A++' Grade by NAAC

Hingna Road, Wanadongri, Nagpur 441110



One Week Online STTP  
on  
**"Advance Quality  
Engineering Techniques"**

18<sup>th</sup> Dec to 23<sup>rd</sup> Dec 2023

Organized by

Department of Mechanical  
Engineering

Under the Aegis of IQAC, YCCE,  
Nagpur

## About Department

Mechanical Engineering envisages the development, design, manufacturing and maintenance of machinery. The present age demands Mechanical Engineering specialists who have the capacity of adaptability and creativity in the new technical areas. Mechanical Engineers should have knowledge not only in their own specialized fields but also in wide interdisciplinary fields as well. To meet the above requirements Mechanical Engineering department offers the UG course in Mechanical Engineering and post graduate courses in CAD/CAM and Doctoral Program in Mechanical Engineering. The department has well qualified and dedicated faculty and is known for its high academic standard, well-maintained discipline and complete infrastructure facilities. The Department has 1) Siemens Center of Excellence in the field of Automation (ii) AVEVA Center of Excellence in the field of Pipe Design. The Department has maintained a good rapport with Industry and R & D organizations. The Department has students' chapters of SAE (Society of Automotive Engineers) and ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers).

### Resource Persons:

Professor / Faculties / Scientists from renowned institutes like IITs, IITs, NITs, Govt. colleges and R&D Labs.

### Who can attend?

Faculties, Research Scholar, Students & Industry Person from various branches (Science, Engineering, Architecture, Management)

### Registration Link:

<https://forms.gle/i1xgdQjioUuM7kV8>

1. Fill the registration form via google form link

### Contact:

**Dr. N. P. Mungle**

Contact:

9763060575

Email: [nrdmungle@gmail.com](mailto:nrdmungle@gmail.com)

**Dr. P.D. Kamble**

Contact:

9922407255

Email: [drpdkamble@gmail.com](mailto:drpdkamble@gmail.com)

Join WhatsApp group using following link:  
<https://chat.whatsapp.com/DAoeStRCQjY5QpA3sA0nFA>

### Topics

**This STTP will cover the following topics:**

- Research Methodology in Quality Engineering
- World Class Manufacturing (WCM) Model
- Kaizen
- Quality Circles
- Taguchi Method
- Design of experiments (DoE)
- Green Manufacturing
- Benchmarking
- TQM in Technical Education System
- Quality improvement through Minitab Software
- Quality improvement through SPSS Software

57	Ashvin B. Amale		
58	Suhans R. Padawne	<i>Padawne</i>	<i>Padawne</i>

**About the Institute:**

Yeshwantrao Chavan College of Engineering was established in the year 1984 by Nagar Yuwak Shikshan Sanstha, Nagpur. YCCE is the prominent institution acknowledged for remarkable engineering education and research. Since 35 years the institution has magnificently cherished and encouraged the forthcoming engineering professionals across the country making it one of the most opted engineering colleges in Maharashtra.

The college is guided by the Academic Advisory Board consisting of eminent academicians from the prestigious technical institutes in India and USA. YCCE is one of the top engineering colleges in Nagpur that aspires to create devoted, proficient, capable, and resourceful engineers who would utilize their assimilated knowledge and skills for the advancement of the organization as well as the Nation. It is the first private engineering college in Central India to acquire "**Autonomous Status**" from the academic session 2010-2011.

The college is becoming a most sought after destination by the students who are aspiring to pursue higher technical education and attain placements in the competitive software and core industries. The institution accentuates on instilling significant professional education for crafting ambitious engineers who would ultimately possess noteworthy qualities to become leaders in their opted profession.

**About the S I I P**

The industrial internet of things (IIoT) is the use of smart sensors and actuators to enhance manufacturing and industrial processes. Also known as the industrial internet or Industry 4.0, IIoT uses the power of smart machines and real-time analytics to take advantage of the data that "dumb machines" have produced in industrial settings for years. The driving philosophy behind IIoT is that smart machines are not only better than humans at capturing and analyzing data in real time, but they're also better at communicating important information that can be used to drive business decisions faster and more accurately.

Whereas Agile manufacturing is a term applied to an organization that has created the processes, tools, and training to enable it to respond quickly to customer needs and market changes while still controlling costs and quality. It's mostly related to lean manufacturing.

An enabling factor in becoming an agile manufacturer has been the development of manufacturing support technology that allows the marketers, the designers and the production personnel to share a common database of parts and products, to share data on

production capacities and problems—particularly where small initial problems may have larger downstream effects. It is a general proposition of manufacturing that the cost of correcting quality issues increases as the problem moves downstream, so that it is cheaper to correct quality problems at the earliest possible point in the process.

Whereas

**Objectives**

- > The aim of this workshop is to explore the state-of-art technologies in the area of Industrial Internet of Things (IIoT) through a series of lectures delivered by eminent persons working in this field and to provide some hands-on experiences in setting up IIoT platform.
- > The goal of agile manufacturing is to keep a company ahead of the competition so that consumers think of that company first, which allows it to continue innovating and introducing new products, because it is financially stable and it has a strong customer support base.
- > **Expected Outcomes: Participants will be**
- > Exposed greatly on ideas and concepts underlying IIOT and Agile manufacturing particularly to make use of engineering, scientific techniques for teaching-learning.

**Key Highlights and Contents**

- > No Registration Fees
- > Mode of Sessions: ONLINE
- > Sessions by Experts from the field of Industrial IOT and Agile Manufacturing
- > Experiential Learning through Case Study Presentations by Experts from renowned Institutes
- > Experiential Learning through Case Study Presentations

**DST sponsored  
ONE WEEK SHORT-TERM TRAINING  
PROGRAMME**

On

**"Intricacies of Industrial IOT and Agile  
Manufacturing"**

(11<sup>th</sup> MAR 2024 to 16<sup>th</sup> MAR 2024)

Organized by



**Yeshwantrao Chavan College of  
Engineering, Nagpur (M.S.)-441110**

(An Autonomous Institution affiliated to Rashtrasant  
Tukadoji Maharaj Nagpur University)

**Course Co-ordinator  
Dr. S.S.CHAUDHARI  
Prof. D.N.KASHYAP**

**DST sponsored**  
**ONE WEEK SHORT-TERM TRAINING**  
**PROGRAMME**  
**ON**  
**“Intricacies of Industrial IOT and Agile**  
**Manufacturing”**  
**(11<sup>th</sup> MAR 2024 to 16<sup>th</sup> MAR 2024)**

Name: \_\_\_\_\_

Age: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

Phone No: \_\_\_\_\_

E-mail id: \_\_\_\_\_

Highest Academic Qualification: \_\_\_\_\_

I agree that I will abide by the rules and regulations governing the course.

Date: \_\_\_\_\_ Signature of the applicant.

The applicant will be permitted to attend the program, if selected.

Date: \_\_\_\_\_

Signature of the Sponsoring Authority with Seal

**Patrons:**

Shri Dattaji Meghe, Chairman,

Shri Sagarji Meghe, Secretary,

Shri Sameerji Meghe, Treasurer,

Dr.M.M.Kshirsagar, Director (MGI)

**Advisors:**

Dr. U. P.Waghe, Principal,

Dr. S.V.Prayagi, Registrar

**Principal Course Coordinator**

Dr. S.S.Chaudhari

Prof. D.N.Kashyap

**Convenor:**

Dr. J.P.Giri

Dr. R.B.Chadge

**Organizing Secretary:**

Dr.S.R.Jachak

**Co-convenor:**

Dr. G.M. Dhote

Prof.A.P.Edlabadkar

**Organizing Committee:**

Prof. A.R.Narkhede

Prof. R.V.Adakane

Prof. P.A. Hatwalane

**Eligibility:**

The faculty members of AICTE approved Institutions, Universities, research scholars; participants from Government, Industry (Bureaucrats/ Technicians/Industry experts etc.) and professionals from R&D labs. in the field of Mechanical Engineering, Electronics, Electronics & Telecommunication Engineering, Electrical Engineering, Computer Engineering, Civil Engineering & Information Technology disciplines are eligible for participation.

**Registration fees**

No.Fees.

**How to Apply**

Download the [registration form](http://www.ycce.edu) from [www.ycce.edu](http://www.ycce.edu)

Duly filled registration form should reach the course coordinator on or before **08/03/2024 (Friday)**. Send the original copy of the filled in registration form by email to **852@yccce.in**. Participants should provide the proof of fulltime employment from the employer (Head of the institute). The total number of seats in this course is limited to 50.

**Apply Online**

<https://forms.gle/pdVPTXUDzHxwJ83y9>

**Contact Persons:**

Dr.S.R.Jachak:-9096089218

**Address for Correspondence:**

Department of Mechanical Engineering,  
Yeshwantrao Chavan College of Engineering,  
Wanadongri Hingna Road, Nagpur-441110.  
Phone: (O) 07104 - 234821,237919, Fax: 07104 - 232376

Workshop email: **852@yccce.in**

**Yeshwantrao Chavan College of Engineering**

(An Empowered Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

**Department of Mechanical Engineering**

DST-SERB sponsored ONE WEEK SHORT-TERM TRAINING PROGRAMME On "Intricacies of Industrial IOT and Agile Manufacturing" (18th MARCH 2024 to 23rd MARCH 2024)

**Attendance Sheet (23/03/2024)**

Sr. No.	Name	Signature		
		Session 1	Session 2	Session 3
30	Aayush Dixit			
31	Kushal Gawande			
32	Mayur Kumbhare			
33	Sahil Ghangare			
34	Sohan Gautam Tabhane			
35	Prathmesh Anil Sutrupkar			
36	Aayush Dixit			
37	Dr. Girish M Dhote			
38	Mayank Dhananjay Sharma			
39	Manish Dakhore			
40	Saurabh Dupare			
41	Krunal Panjabrao Mudafale			
42	Ritesh Babarao Jadhao			
43	Shrikant Jachak			
44	Harendra Singh Thakur			
45	Sachin Tularam Bagde			
46	Pratik Vijayrao Lande			
47	Dr. Sandip S. Khedkar			
48	Pranay Dhananjay Dhakode			
49	Kamesh Ghatole			
50	Sumit Kolhe			
51	Aniket Bilgaiya			
52	Anshul Ghuthe			
53	Anmol Wanjari			
54	P. A. Jadhav			
55	Gopal Raut			
56	Dr. A. P. Kedar			
57	Ashvin B. Amale			
58	Suhas R. Padawar			

Nagar Yuwak Shikshan Sanstha's

**Yeshwantrao Chavan College of Engineering**

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Hingna Road, Wanadongri, Nagpur - 441 110



**Department of Mechanical Engineering**



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**Attendance Sheet (23/03/2024)**

Sr. No.	Name	Signature		
		Session 1	Session 2	Session 3
1	Gauri Dhopavkar			
2	Atul Shrikrishna Lilhare			
3	Prasad Joshi			
4	Shweta Dhondse			
5	Swati Mohod			
6	Dr Manish Devendra Chawhan			
7	Dinesh Bhojar			
8	Abhishek Madankar			
9	Dr. Sachin S. Khade			
10	Dhiraj Thote			
11	Mohammad Sharique Tufail			
12	Shilpa Bhimrao Sahare			
13	Dr. Prashant D. Kamble			
14	Purushottam Barve			
15	Yogesh Yadavrao Nandurkar			
16	Narendra J Giradkar			
17	Sachin Ambade			
18	Manish Dakhore			
19	Nilesh Gedam			
20	Dr V R Khawale			
21	Rajesh G. Bodkhe			
22	Dr Nischal P Mungle			
23	Prashant N Shende			
24	Vijay Gajananrao Thakare			
25	Vijay Gajananrao Thakare			
26	Vivek Wasudeorao Khond			
27	Aditya Ashok Khobragade			
28	Jayant Ashok Parshuramkar			
29	Samyak Yograj Meshram			

## REPORT

# DST SERB Sponsored One Week STTP on “Intricacies of Industrial IoT and Agile Manufacturing” (18-23 March, 2024)

Department of Mechanical Engineering has organized DST SERB sponsored One Week STTP on “Intricacies of Industrial IoT and Agile Manufacturing” during 18-23 March 2024. The program fetched a huge response from faculties and Research Scholars. A total of 60 participants had registered for the STTP. The Inauguration of STTP is done by Mr. Amol Pusadkar (Mahindra & Mahindra). Dr Manali Kshirsagar (Technical Advisor, MGI) was the function president.

Mr. Amol Pusadkar appreciates the initiative taken for conducting the program which involves a multidisciplinary approach. Dr Manali Kshirsagar said that these kinds of STTP are the need of today's scenario. Dr. J.P. Giri said that the Aim of Organizing this STTP is to facilitate the faculty members and Research scholars to inculcate the recent trends in Industrial IoT and Agile Manufacturing. Dr. Sharad Chaudhari has stressed the learning of New State Art Technologies for the Manufacturing Sector.

Prof. Dipti N. Kashyap, the Principal Co-ordinator of STTP has proposed the Vote of Thanks. Various Experts from Industries and NITs delivered the lectures based on the STTP topic during the STTP. Prof. A.P.Edlabadkar, Prof. R.V.Adakane, Prof. A.R.Narkhede, Prof. M.G.Dhote, Prof. P.A.Hathwalne and Prof. Neeraj Suneheriya worked hard for the success of the STTP.



# **Electrical Engineering**

# **Electronics Engineering**

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# Schottky vs JBS

Mask Design  
Top View

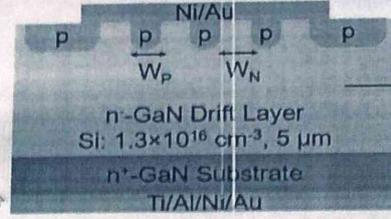
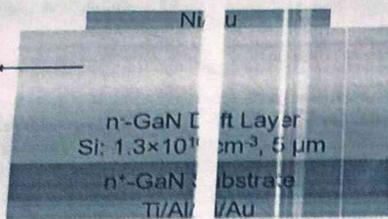
Schottky Diode w/o ET

JBS Diode

Mg Implanted region  
Schottky Contact

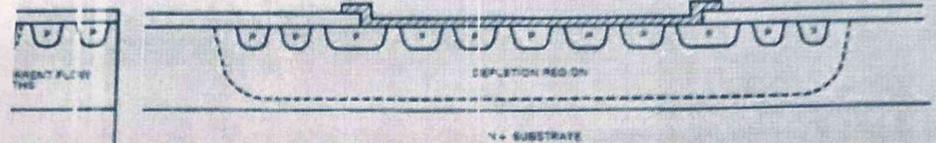
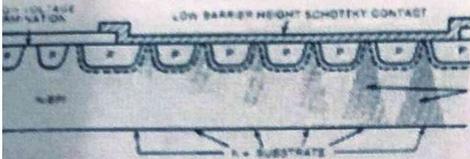
LIVE

Schottky Contact



JBS Forward Bias

JBS Reverse Bias



Start Video

Participants 98

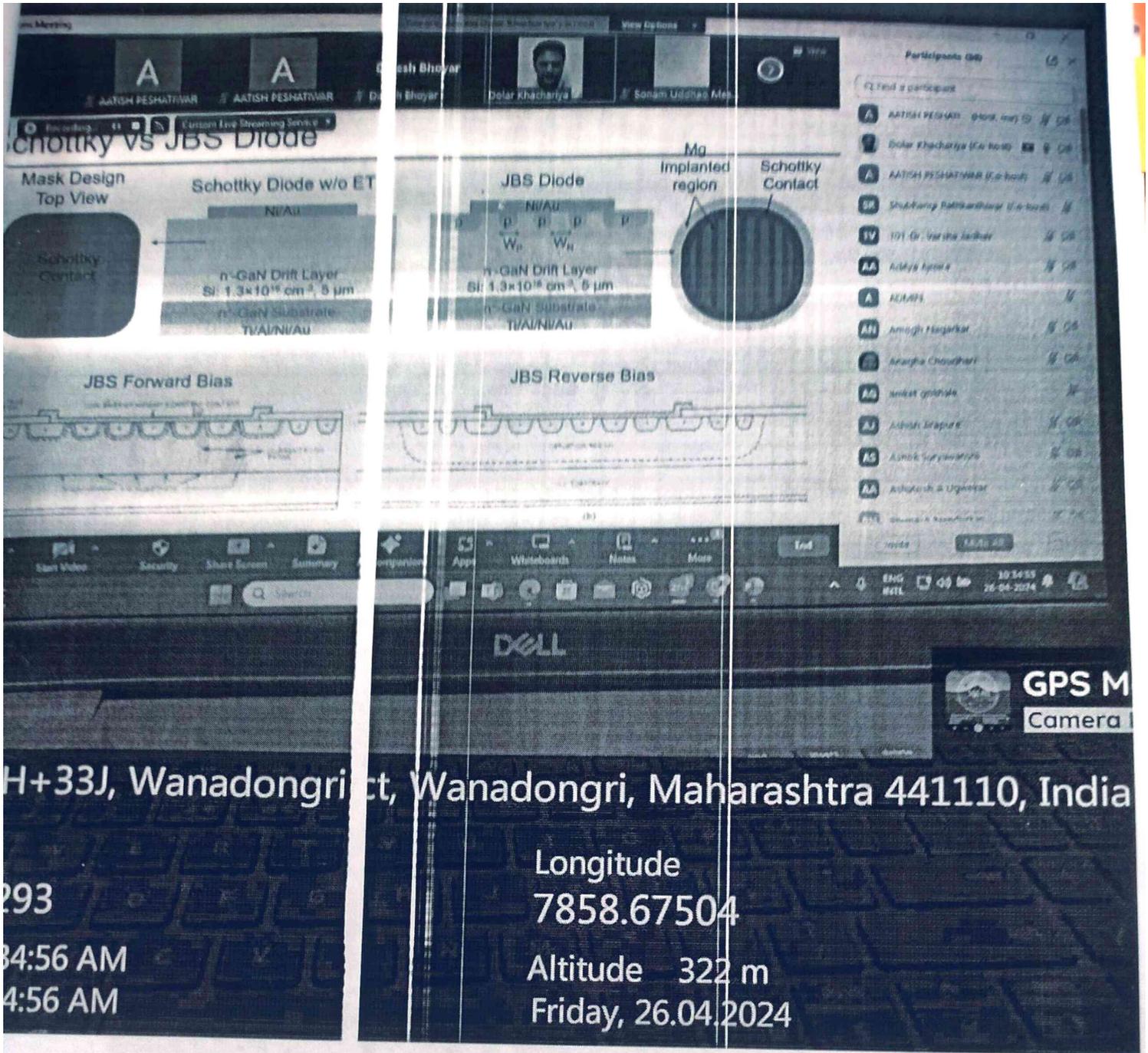
Chat 3

Reactions

Share

Captions CC

Whiteboard



## ORGANIZING COMMITTEE

Sr. No.	Designation	Name
1	Co-Convenor	Dr. Ujwala Ghodeswar
2	FDP coordinator	Dr. Tejaswini Panse
3	Technical Program Committee	Prof. Atish Peshattiwar Prof. Vilas Alagdeve
4	Anchor	Dr. Shweta Dhondse Prof. Swati Nitnavare
5	Registration Committee	Dr. Monica Kalbande Dr. Shweta Gaidhane
6	Event Coordinator	Dr. Rupali Balpande Dr. Ankita Tijare Prof. Pradnya Jadhav Prof. Kuldeep Pande Prof. Rahul Kamdi
7	Finance Committee	Dr. Pradnya Maturkar Prof. Poonam Chaudhary Prof. Swati Mohod
8	Publicity Coordinator	Dr. Pradeep Karule Dr. Atish Khobragade Dr. Prasanna Palsodkar Dr. Yogesh Suryawanshi Dr. Prachi Palsodkar Dr. Pravin Zode Dr. Pradnya Zode Prof. Ajay Thatere Prof. Mahesh Pawar Prof. Swati Mohod
	Student TPC Members	Rinesh Patil Humanshu D Gajhbiye Amogh Nagarkar Durgesh Pawar Priyanshu Girpunje Tanishq Gosewade Aditi Rokade Bharti Ravipati Jagruti Satpute

## CONTACT US

**Dr. Ujwala Ghodeswar**

☎ 9960456083

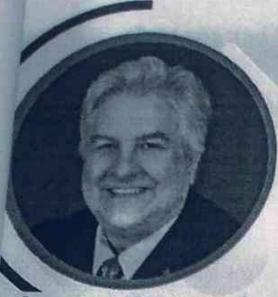
ghodeswarujwala83@gmail.com

**Dr. Tejaswini Panse**

☎ 9423403473

✉ tejaswini.deshmukh@gmail.com

OUR SPEAKERS



**James Conrad**  
University of North Carolina  
Charlotte, USA



**Dr. Deepak Waikar**  
Managing Partner  
Edu-Energy, Singapore



**Dr. Chetan Ralekar**  
Massachusetts Institute of Technology  
USA



**Arjun Khachariya**  
Carolina State University  
USA



**Nitin Birla**  
Specialist Engineering & Projects  
Kuwait Gulf Oil Company



**Abagael Sykes**  
North Carolina State University  
USA



**Anand Vaidya**  
Founder & CSO  
PlanetScale



**Shamim Mamun**  
Jahangirnagar University  
Dhaka, Bangladesh



**Ramesh Agarwal**  
Washington University  
St. Louis, USA



**Ashish Dawoo**  
Design Engineer  
Corporation



**Sumeet Pande**  
Senior Software Engineer  
Microsoft



**Vishvesh Koranne**  
Purdue University  
USA

## OUR SPEAKERS



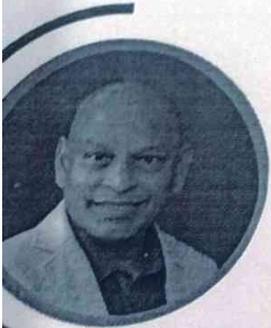
**David Haney**  
Director, Code base  
Texas, USA



**Anusha Kallapur**  
University of Michigan  
Ann Arbor, USA



**Dr. Laavanya Rachakonda**  
University of North Carolina  
Wilmington, USA



**Ram Ramkrishna**  
University Singapore  
Singapore



**Dr. Sashwat Rathkantiwar**  
Director, MOCVD Research  
Lit Thinki g Semiconductor Research Center USA



**Hemant Pendharkar**  
University of South Florida  
USA

## ACKNOWLEDGEMENT

and our heartfelt appreciation to all those who are contributing to the success of this event. We extend our sincere appreciation to **Dr. Salim Chavan**, Chairman, IETE Nagpur and **Dr. Suresh Rangankar**, Hon. Secretary, IETE Nagpur Section for their support and commitment to advancing the goals of this IFDP. We are deeply grateful to our esteemed speakers who will be sharing their expertise and insights, and our dedicated attendees for their active participation and engagement. Special thanks go to the organizing committee, sponsors, and staff whose hard work and commitment will make this event possible.

We also want to shout out to Rinesh Patil (final year CSE student) and Humanshu Gajbhiye (final year student) for their commitment to the smooth conduct of this IFDP. We are truly grateful to be surrounded by such a vibrant and supportive community. Thank you for your contributions and for helping make this conference a memorable experience for all.

## SCHEDULE

# 21ST CENTURY: RECENT TRENDS, CHALLENGES AND FUTURE ROADMAP FOR TRANSITIONS IN TECHNOLOGICAL GENERATIONS

DATE	SESSION 1 (10 AM - 12 NOON)	SESSION 2 (12.30PM-2.30PM)	SESSION 3 (3.30PM-5.30PM)
25.4.2024 (Thursday)	<b>Dr. James Conrad</b> University of North Carolina Charlotte, USA	<b>Dr. Deepak Waikar</b> Managing Partner Edu-Energy, Singapore	<b>Dr. Chetan Ralekar</b> Massachusetts Institute of Technology USA
26.4.2024 (Friday)	<b>Dr. Dolar Kharhariya</b> North Carolina State University USA	<b>Dr. Nitin Birla</b> Specialist Engineering & Projects Kuwait Gulf Oil Company	<b>Abagael Sykes</b> North Carolina State University USA
27.4.2024 (Saturday)	<b>Jiten Vaidya</b> Co-Founder of CSO PlanetScale	<b>Dr. Shamim Mamun</b> Jahangirnagar University Dhaka, Bangladesh	<b>Dr. Ramesh Agarwal</b> Washington University St. Louis, USA (6PM-8PM)
28.4.2024 (Sunday)	<b>Mayuresh Drowoo</b> SoC RTL Design Engineer Intel Corporation	<b>Sumeet Pande</b> Senior Software Engineer Microsoft	<b>Vishvesh Koranne</b> Purdue University USA
29.4.2024 (Monday)	<b>David Harley</b> Director, Codebase Texas, USA	<b>Anusha Kallapur</b> University of Michigan Ann Arbor, USA	<b>Dr. Laavanya Rachakonda</b> University of North Carolina Wilmington USA
30.4.2024 (Tuesday)	<b>Dr. Hemant Penharkar</b> University of South Florida USA	<b>Dr. Shashwat Rathkanthiwar</b> Director, MOCVD Research Lit Thinking Semiconductor Research Center USA	<b>Dr. Seeram Ramkrishna</b> National University of Singapore

### FOR WHOM

IFDP is designed for faculty members, industry persons, and researchers in engineering and science fields. The faculties participating in IFDP will strengthen their understanding of applications of their respective domain of research in engineering, learn about recent trends and challenges in technological generations, and plan for their scientific contributions in line with the requirements of future technological generations. In addition, Ph.D. scholars, undergraduate and undergraduate engineering and science students are welcome to attend the FDP to widen their perspective and vision for future research and development activities in their respective fields.

### MODE OF FDP

FDP will be conducted in an **ONLINE** mode.

Links for the different sessions will be emailed to the registered participants.

### REGISTRATION

Participants can register for FDP through the following link or scan the **QR Code** to Fill the form

<https://forms.gle/VJHsNyEuyj1znvAy8>



Registration is **FREE** for all the participants.

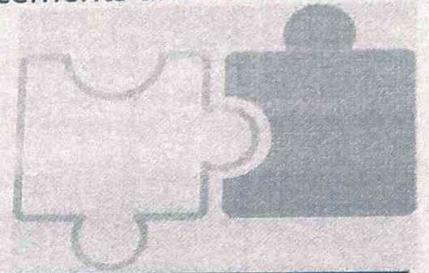
### CERTIFICATION

Certificates shall only be issued to those registered participants who attend the FDP with a **minimum of 80% attendance**.

## ABOUT DEPARTMENT

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The Department of Electronics Engineering at YCCE stands as a beacon of excellence in engineering education. As one of the founding departments at YCCE, the department takes pride in its rich legacy of academic and research achievements. Established in 1984, the department offers a comprehensive undergraduate program and serves as a recognized research centre for Ph.D. program. The department's state-of-the-art infrastructure and dedicated faculty members create an environment conducive to learning and innovation. With a focus on cutting-edge research, the department specializes in key areas such as VLSI design, Embedded System Design, and Digital Signal & Image Processing. For 40 years, the department continuously strived to be at the forefront of technological advancements and has ensured highest quality education for students.



## BACKGROUND

---

Building on the success of the previous International FDP (2022), which attracted about 450 attendees, this year's IFDP will be an esteemed gathering with an objective to engage presentations on the aforesaid theme from prominent intellectuals, academicians, and industry experts for the professional development of faculty members from different institutions across India and around the world. The FDP aims to provide attendees from diverse engineering disciplines with broad perspectives and a vision for enhancing their research and development activities. Collaborating across different disciplines is unarguably the need of the hour for the researcher and academic community to meet the ubiquitous challenges of the 21st century. The goal for the attendees would be to update their disciplinary knowledge, give vent to ingenious ideas, and get involved in academic collaborations. We are confident that the knowledge shared by the IFDP speakers would not only help the attendees' individual professional development but also motivate them to strive for high-quality research.

## OBJECTIVE

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The objective of this IFDP is to motivate faculty members to interact with eminent intellectuals from around the world, update their multidisciplinary knowledge in terms of global context, and get involved in academic collaborations for high-quality research activities.

## VISIONARIES



**Shri. Dattaji Meghe**  
Chairman, NYSS, Nagpur



**Hon. Shri. Ravi Meghe**  
Secretary, NYSS, Nagpur



**Hon. Shri. Sameer Meghe**  
Treasurer, NYSS, Nagpur



**Hon. Smt. Vrinda Meghe**  
Chief Advisor, NYSS, Nagpur



**Hon. Shri. Raghav Meghe**  
Advisor, NYSS, Nagpur

## VISORS

**Dr. U. P. Waghe**  
Principal  
YCCE, Nagpur

**Dr. Manali Kshirsagar**  
Director (Technical) and Advisor  
Meghe Group of Institutions

## UT YCCE

Shwantrao Chavan College of Engineering, established in 1984 by Nagar Yuwak  
stha, Nagpur, is one of the most prominent institutions recognized for remarkable  
education and research programs. YCCE is an eminent institution acknowledged  
able engineering education and research. Since its inception, the institution has  
forthcoming engineering professionals across the country making YCCE one of  
ht-after engineering colleges in Maharashtra.



## Yeshwantrao Chavan College of Engineering

(An Autonomous Institution)

Ph.: 07104-237919, 23

Nagar Yuwak Shikshan Sanstha's

(An Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Higna Road, Wanadongri, Nagpur - 441 110

523, 329249, 329250 Fax: 07104-232375, Website: www.ycce.edu

### International Faculty Development Program organized at YCCE: a path towards internationalization

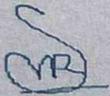
Recently, the Department of Electronics Engineering at Yeshwantrao Chavan College of Engineering, Nagpur, organized an IETE approved one-week international faculty development program (IFDP), titled, "21st Century: Recent trends, challenges and future roadmap for transitions in technological generations". The IFDP was successfully conducted with huge takeaways, as informed by Dr. Shubhangi Rathkanthiwar, Professor, YCCE and Convener of this IFDP.

According to Dr. Rathkanthiwar, YCCE has been striving toward bolstering the innovation ecosystem from a global perspective. The IFDP engaged presentations on the aforementioned theme from prominent intellectuals, academicians, and industry experts from around the world such as USA, Singapore, Bangladesh, Kuwait, and Oman. The program was designed to serve as a common platform for fostering cogent interaction and networking between academicians and prominent international speakers. Solving the 21st-century challenges necessitates the development of cutting-edge technologies involving various disciplines of engineering and science. The IFDP aimed to provide attendees from diverse disciplines with broad perspectives and a vision for enhancing their research and development activities.

The development program was graced with eminent stalwarts around the world who presented the state-of-the-art and the future roadmaps for transitions in technological generations in various disciplines. The list of speakers included Dr. James Conrad, a professor at the University of North Carolina, Charlotte (USA), Vishvesh Koranne from Purdue University (USA), Dr. Chetan Ralekar from Massachusetts Institute of Technology, USA Dr. Dolar, Dr. Rajeev Gupta and Dr. Abagael Sykes from North Carolina State University, (USA), Er. Nitin Birla from Kuwait Gulf Oil Company,; Dr. Shamim from Jahangirnagar University, Bangladesh, David Haney (Director, Codebase, Texas, USA), Dr. Hemant Pendharkar, from the University of South Florida, (USA), Dr. Shashwat Rathkanthiwar (Director, Research, LitThinking Research Center, Florida, USA) enlightened the audience with recent trends, challenges and scope for research to prepare the roadmap for fast transitions in technological generations in the 21<sup>st</sup> century.

professor from the University of North Carolina, USA. The inauguration was graced by Dr. Uday Wadhe, Principal, YCCE, who congratulated Dr. Rathkanthiwar for successfully organizing the IFDP encompassing multidisciplinary aspects, and urged the participants to develop a deeper insight into the technological transitions foreseen in the next decade. Dr. James Conrad delved into the importance of machine learning and artificial intelligence and suggested that these fields will penetrate several technologies in the next decade. While Dr. Arvinder Kaur gracefully anchored the inauguration, the formal vote of thanks was given by Dr. Rajesh Thakare, HoD, Electronics Department. In the valedictory session, Dr. Rajeev Gupta, North Carolina State University addressed the attendees on how this IFDP is an important step towards internationalization which is the need of the hour as far as National Education policy 2020 is concerned. Vote of thanks was given by Coconvener, IFDP, Dr. Ujwala Ghodeswar.

More than 800 academicians, researchers, and industry persons from 12 different states of India and various countries participated in this IFDP. Dr. Shweta Dhondse, Dr. Tejaswini Panse, Prof. Swati Nitnavare, Prof. Atish Peshattiwar, Prof. Kuldeep Fonde, Rahul Kamdi and other faculty members of the department were the organizing committee members.



Dr. Shubhangi Rathkanthiwar  
Convener, International FDP  
Professor, YCCE, Nagpur



IETE approved 2nd International Faculty Development Program on  
**"21st Century: Recent trends, challenges and future  
admap for transitions in technological generations"**

 25th to 30th April 2024

*Organised by*

**Department of Electronics Engineering  
Hwantrao Chavan College of Engineering (YCCE), Nagpur**



**CONVENERS**

**Dr. Mangi Rathkanthwar**  
Professor  
Department of Electronics Engineering  
YCCE, Nagpur

**Dr. Rajesh Thakare**  
Professor & Head  
Department of Electronics Engineering  
YCCE, Nagpur

# **Electronics Telecommunication Engineering**



Nagar YuwakShikshanSanstha's

# YeshwantraoChavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.yccc.edu

Department of Electronics and Telecommunication Engineering

Date: 20/01/2024

## ONE DAY WORKSHOP REPORT

**Expert:** Dr. L. Ravikumar

**Organization:** Professor, BMS College of Engineering, Bangalore

**Title:** "Six Year NBA: Pre & Post Preparations"

**Date:** 13-Jan-2024

**Time:** 10.00am to 03.00pm

**Venue:** EE Conference Hall

Registration Link: <https://forms.gle/wkSSAfdXeLvwbQLc9>

**Coordinator:** Dr. M. S. Narlawar & Dr. Mrs. A. D. Belsare

**No. of participant:** 49

Department of Electronics & Telecommunication has organized one day workshop on "Six Year NBA: Pre & Post Preparations" for the faculties of Yeshwantrao Chavan College of Engineering, Nagpur, on 13-Jan-2024 at 10.00 am onwards. The expert speaker for the workshop was Expert Speaker: Dr. L. Ravikumar (NBA Committee Expert), Professor, BMS College, of Engineering, Bangalore. He focused on the KSA model and knowledge profile mapping with respect to outcome mapping in the first half and discussed detailed NBA process in second half. In the workshop he focused on the points mentioned below:

- The revision/retuning of PEO, Mission of department through Survey of Alumni (on the basis of their professional growth, promotions, master over subject, employer feedback etc.) should be carried out.
- Institute-Department Vision mapping level with evidences to be kept ready along with justification of the levels mapped.
- Retuning of existing PEO should be made based on Profession & Society, Career Advancement and life-long learning as major points.
- Design PSO statements based on Complex Engineering Problems other than Graduate attributes
- Corner Stone Projects for 1<sup>st</sup> Year and Capstone Projects for 7/8 Semester should be included in the curriculum
- Analyze POs according to Bloom's as well as Washington accord for OBE and follow Knowledge Profile Wk1-Wk8
- For post six Years NBA, Quality Checking for Format to be maintained according to the points based on Knowledge, Skill Affective (KSA) Model
- For CO's Students Feedback is Required
- Focus on Complex Problem Solving, Engineering Activities, Graduate Attribute and Knowledge Profile and Engineering Analysis

  
Dr. Mrs. A. D. Belsare  
Coordinator

  
Dr. M. S. Narlawar  
HoD, E&T



Nagar YuwakShikshanSanstha's

# YeshwantraoChavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

## Department of Electronics and Telecommunication Engineering

### Screenshots:



Fig 1. Screen shot of Expert lecture on the dice



Fig 2. Welcome to Expert lecture

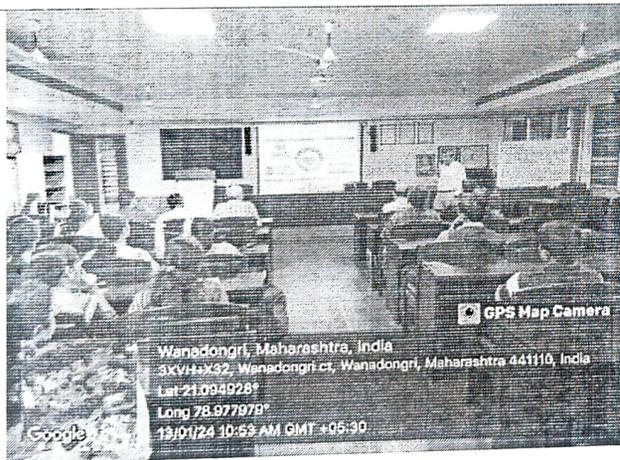


Fig 3. Delivering Session by Expert lecture & Screenshot of Attendees

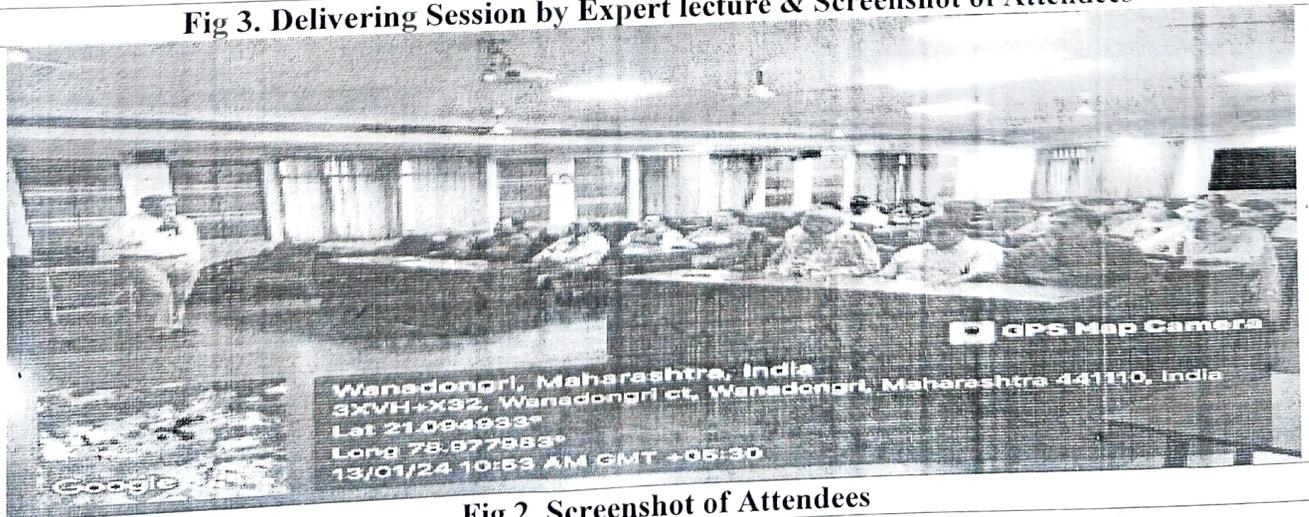


Fig 2. Screenshot of Attendees

One day Workshop on "Six Year NBA: Pre & Post Preparations" by Dr. L. Ravikumar (NBA Expert),  
Professor, BMS College of Engineering, Bangalore

2023-24

Date: Saturday, 13-01-2024

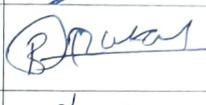
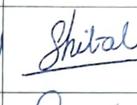
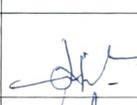
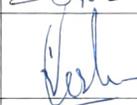
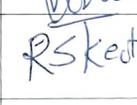
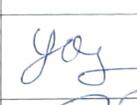
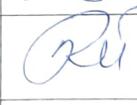
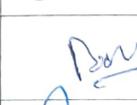
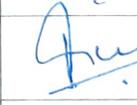
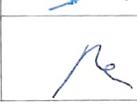
Dr. M. S. Narlawar

Convener &amp; HoD, ETC

Dr. Mrs. Amoli Belsare

Workshop Coordinator

10:00am onwards

S. No.	Name of Faculty	Name of Department	Sign (Session I)
1	Dr. Y. V. Chitrev	ETC	
2	Dr. M. S. Dorle	ETC	
3	Dr. M. D. Chauhan	ETC	
4	Dr. P. P. Zode	EE	
5	Dr. R. D. Bhatnagar	EE	
6	S. S. Keote	Electrical	
7	K. A. Kothane	CSE	
8	TEJASWINI A. PURANIK	CSE	
9	K. P. Kamble	ETC	
10	Dr. N. D. Relhade	ETC	
11	V. D. Bhandarkar	ME/H	
12	R. S. Keote	ET	
13	Y. A. Suryakar	EE	
14	Dr. Nisha Wankhede	IT	
15	Pooja Dhanu	IT	
16	P. D. Kamble	ME	
17	P. S. Patil	EL	



2023-24

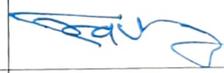
One day Workshop on "Six Year NBA: Pre & Post Preparations" by Dr. L. Ravikumar (NBA Expert),  
Professor, BMS College of Engineering, Bangalore

Date: Saturday, 13-01-2024

Dr. M. S. Narlawar  
Convener & HoD, ETC

Dr. Mrs. Amoli Belsare  
Workshop Coordinator

10.00am onwards

S. No.	Name of Faculty	Name of Department	Sign (Session I)
18	P. A. Hafwalke	ME	
19	V. M. Korde	ME	
20	Dr. S. S. Chaudhase	ME	
24	Dr. M. S. Narlawar	ET	
22	Dr. V. Y. Ganvir	PHYSICS	
23	Dr. V. D. Bondhe	ET.	
24	V. D. Alagdere	EE.	
25	Dr. P. D. Dorge	ET	
26	C. S. Gode	ET	
27	Dr. P. W. Raut	ET	
28	D. K. Thote	ET.	
29	M. L. Keote	ET	
30	S. S. Chiwande	ET	
31	Dr. A. D. Belsare	ET	
32	S. S. Khade	ET	



10.00am onwards

S. No.	Name of Faculty	Name of Department	Sign (Session I)
33	Dr. S. A. Farooque	App. Physics	
34	Dr. S. A. Dhondse	Electronics	
35	Dr. Diptee V. Jamkar	App. Physics	
36	Simita Kapse	CT dept.	
37	Shubhangi S. Shambhukar	CT dept.	
38	B. T. Marwani	ETC dept	
39	M. S. Patil	ETC dept	
40	A. A. Madankar	ETC Dept	
41	Xma R. Pote	Electrical	
42	Vishakha Akhaze	IT. dept.	
43	Pooja G. Dhawane	IT. Deptt.	
44	Harshal M. Kharade	Civil	
45	Atul S. Kumbhar	civil	
46	Princy Agaswal	civil	
47	Jaayem Khande	civil	
48	A. S. Khobragade	EE.	
49	R. P. Deshmukh	ETC	



Date: 11/07/2024

## WORKSHOP REPORT

**Expert:** Adv. Swapnil Gawande

**Organization:** Director, BLI consultants Pvt. Ltd.

TechKnow Vista Technologies Pvt. Ltd. Amravati.

**Title:** "Commercialization of Intellectual Property"

**Date:** 25/05/2024(Saturday)

**Time:** 11.00 AM to 04.00 PM

**Venue:** Seminar Hall, Civil Engineering Department

**Faculty Coordinator:** Dr. Sandip. S. Khedkar / Dr. Bharati Y. Masram

**No. of participant:** 55(All Industrial persons )

One day workshop on "Commercialization of Intellectual Property " was organized by Institute Innovation Council, YCCE on 25<sup>th</sup> May 2024. Adv. Swapnil Gawande, Director, BLI consultants Pvt. Ltd, TechKnow Vista Technologies Pvt. Ltd, Amravati, was expert for this workshop.

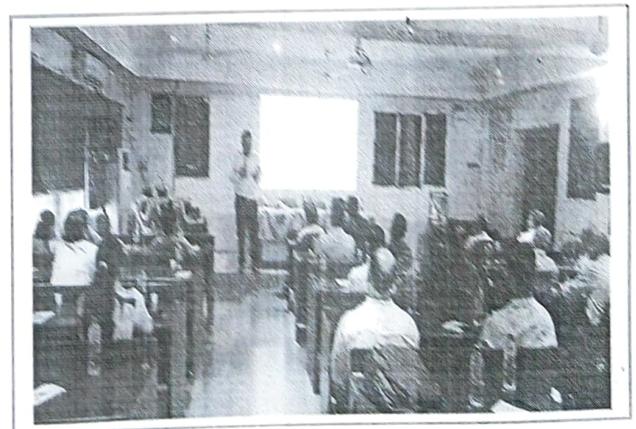
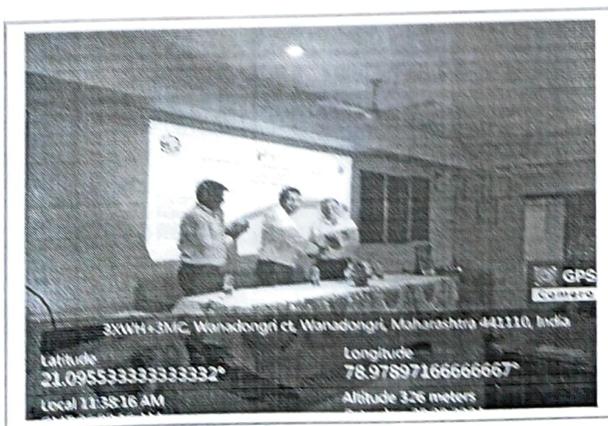


Fig. 1. Inaugural Function of workshop on Commercialization of Intellectual Property

Fig. 2. Expert delivering lecture in workshop on Commercialization of Intellectual Property



Nagar Yuwak Shikshan Sanstha's  
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**Institution Innovation Council (IIC)**

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He was covered following contents in his expert talk:

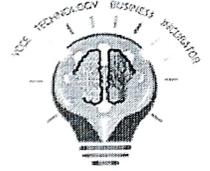
1. Introduction to IPR
2. Patentability Criteria of an Invention
3. Practical Exercise on Patent Application Drafting
4. IP Management of start up

This workshop was specially organized for various industrial persons and was highly informative too. The discussion session has more interactions from participant and the basic aim of this workshop is to get some new idea or problem statements for new patentable work so to encourage the younger minds of the institute.

Dr.U.P.Waghe  
Principal, YCCE, Nagpur

Dr.Sandip Khedkar  
Asst.Dean, R&D -IPR  
YCCE, Nagpur

Dr.Bharati Masram  
IPR coordinator  
YCCE, Nagpur



# YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

YCCE TBI FOUNDATION  
ORGANIZING

One Day Workshop  
on

Commercialization of Intellectual Property

DATE: 25/05/2024 (SATURDAY)

TIME: 11:00 AM

VENUE:

SEMINAR HALL,

CIVIL ENGINEERING DEPARTMENT

MORE DETAILS :

CONTACT

SHARATI.Y.MASRAM:

979459



EXPERT:  
MR. SWAPANIL GAWANDE,  
IP ATTORNEY,  
BLI CONSULTANCY SERVICES  
AMRAVATI

**Nagar Yuwak Shikshan Sanstha's,**  
**Yeshwantrao Chavan College of Engineering**  
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**Nagpur University),**

Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website:

www.ycce.edu

Hingna Road, Wanadongri, Nagpur - 441 110

Sr.No.	Name of Participants	Name of Company	Email Id	Mobile no.	Signature
1	PRATAP SHUKLA	TAKE IT IDEAS.	CEO@takeitideas.in	8379048132	
2	HARISH CHOPKAR	WEBGURUKUL	harish@webgurukul.co.in	7387990061	
3	Saurabh Patange	Figment Global Solution	Saurabh.F@taxcpc.com	7019922367	
4	Mandar Patnak	A Pengon Pvt Ltd	mandar@apeq.in.com	8600001541	
5	Gandhar Patwardhan	S2P Edutech Pvt. Ltd	gandharpatwardhan@s2pedutech.com	9967307515	
6	Tanmay Dushmukh	Tanmay Industries	Dushmukh.Tanmay4@gmail.com	9561918412	
7	Neha Saxena	IT-Networkz Infosystems	neha@itnetworkz.com	9410517514	
8	Deepak Dhote	IT-Networkz Infosystems	deepak@it-networkz.com	9665999900	
9	PRITIN DURA GADKAR	KP Insle uments	kpunstrup@yaho.co.in	9422116549	
10	Deepak Dhore	Kinetic Gears	kineticgears@gmail.com	9922430487	
11	R.S.CHANDNA	---	---	9722834555	
12	Mandar Dongarwar	WiFiBAND INC NAGPUR	contact@wifibandinc.com	989002862	
13	utkarsh shende	VIVID LOGIX	utkarsh@vividlogix.com	8669897064	
14	Mangesh Chimote	Vividlogix Web Sol <sup>n</sup>	mangesh@vividlogix.com	7766327007	

Sr.No.	Name of Participants	Name of Company	Email Id	Mobile no.	Signature
15	Prashant Kadhar	PSK Technologies Pvt. Ltd	prashant@psktechnologies.com	9975288300	
16	S.R. Sonawkar	VS Informatics Pvt Ltd	sonawkar@vsinformatics.com	9822981466	
17	Satish Raut	Vigyanakar Consulting Engg	satishraut@vigyanakar.com	982245948	
18	Rushikesh Chime	Bequesel Industries Pvt. Ltd	rushikeshchime@bequesel.com	741008486	
19	Rej Arora	Revet Networ	rejanetwor@gmail.com	777409378	
20	Kiran Meete	Authentic Corp Mysore	authentic.engg@gmail.com	9975229375	
21	Ajay Sonde	DIL D. Sonstna.	dilbshgt2002@gmail.com	8888410300	
22	K. G. Pande	Participant	pande.kuldeep@yahoo.com	932706819	
23	R. P. Kamali	Participant	rahulkamali@gmail.com	8888836796	
24	A. D. Kadam	Participant	adkadam@gmail.com	983402140	
25	S. R. Gaigwad	Institute participant	sondeep_995@rediffmail.com	942302876	
26	Milind Tote	Institute Participant (CSE)	milindtote26@gmail.com	8275535881	
27	J. N. Dehonkar	Institute participant	jee.dehonkar@gmail.com	9890914253	
28	A. A. Yadav	YCEE	ayadav@ycee.edu	9158188488	
29	Khushbu Pandhi	Webdroid EduTech	khushbu@webdroidedutech.com	7820829130	
30	Namit Nivara	Webdroid EduTech	namitnivara@gmail.com	9503154555	

# **Computer Technology**



**Vision of the Department**

*To be a well-known centre for pursuing computer education through innovative pedagogy, value-based education and industry collaboration.*

**Mission of the Department**

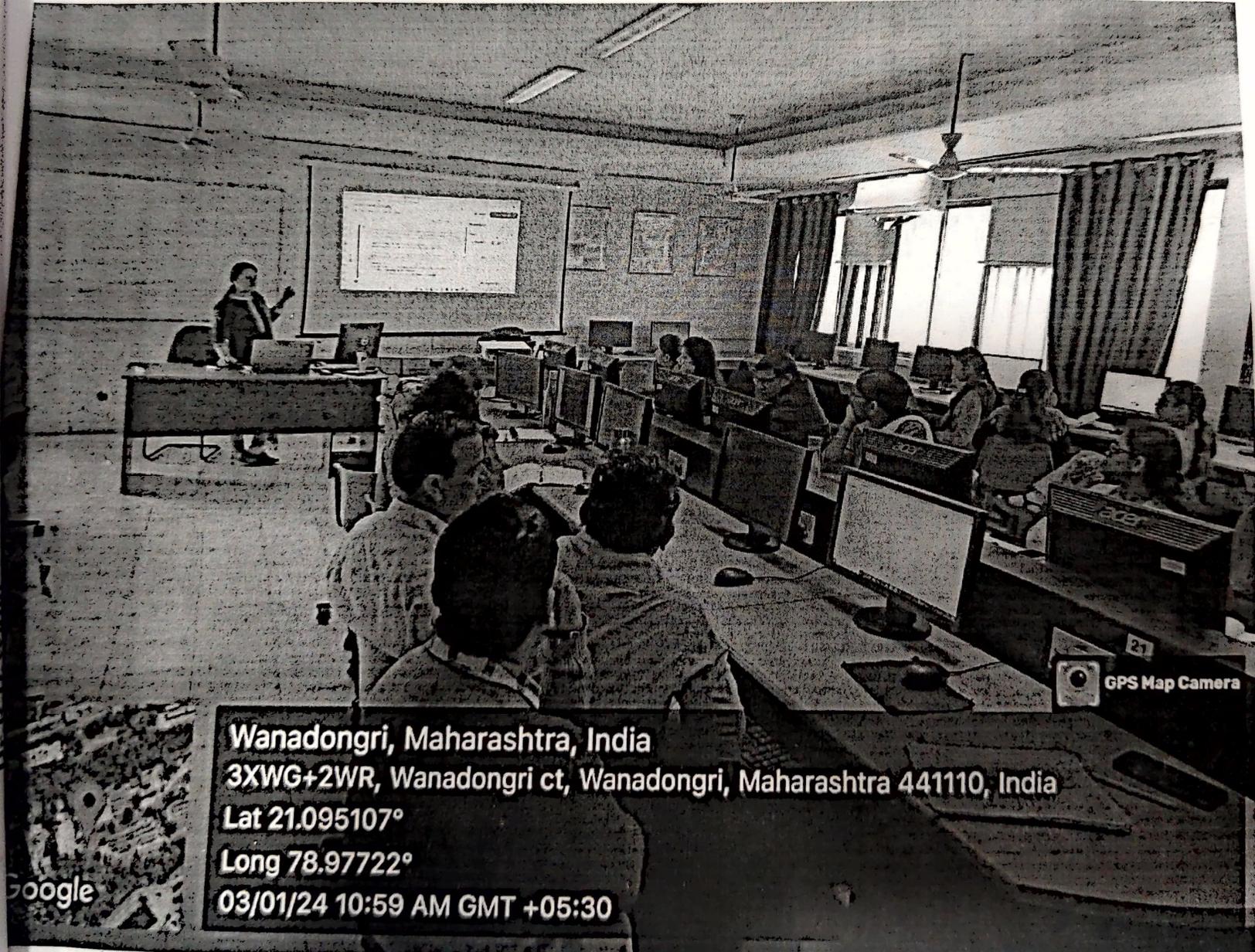
*To establish learning ambience for ushering in computer engineering professionals in core and multidisciplinary arena by developing problem-solving skills through emerging technologies.*

**Academic Year 2022-23,  
Talks/lectures delivered by college faculty for industry/profession:  
STTP/FDP/Workshop Organised**

Sr. No.	Name of Faculty	Programme Title	Venue	Type of Event	Industry/Institute Name	No of Participants	Duration of Event	No. of Days	Reg. Fees
1	Dr. Kavita Singh	Kalam Impact 2.0 FDP on Artificial Intelligence and Machine Learning	YCCE, NAGpur	FDP	YCCE, NAGpur	50	16/12/2023,23/12/2023,28/12/2023,29/12/2023,30/12/2023	5	NA
2									

**P. A. Binalwar**  
Coordinator

**Dr.R.D.Wajgi**  
HoD CT-dept



Wanadongri, Maharashtra, India

3XWG+2WR, Wanadongri ct, Wanadongri, Maharashtra 441110, India

Lat 21.095107°

Long 78.97722°

03/01/24 10:59 AM GMT +05:30



GPS Map Camera

# **Information Technology**

**Proposal for Six Day FDP on  
Augmented and Virtual Reality, Tools, and Applications**  
(Under Kalam Impact 2.0, YCCE Nagpur)

**Organized by Department of Computer Science & Engineering and  
Information Technology  
in Collaboration with  
Dnnovate Technologies pvt. Ltd. Pune**

**Duration:** 15 Jan. to 20 Jan 2024(30 Hrs)

**Target Audience:** Faculties from all Engineering Departments of YCCE

**Coordinator:** Prof. Kishor K. Bhoyar

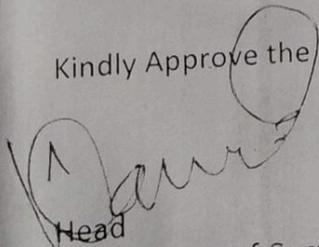
**Co-coordinator:** Mr. Fazil Sheikh

**Expected Number of Participants:** 30-40

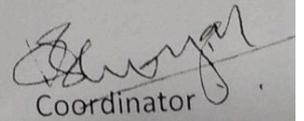
**Budget Requirement:**

Expense Head	Amount	Remarks
Training charges Rs. 50,000	59000	including training, accommodation and travelling. GST Extra
Stationary (note pad and pen)	800	
High Tea for six days	4800	
Miscellaneous	1000	
Total	65600	

Kindly Approve the budget.

  
Head

Department of Computer Science and Engineering

  
Coordinator

Prof. Kishor K. Bhoyar

# *The Kalam Impact 2.0*

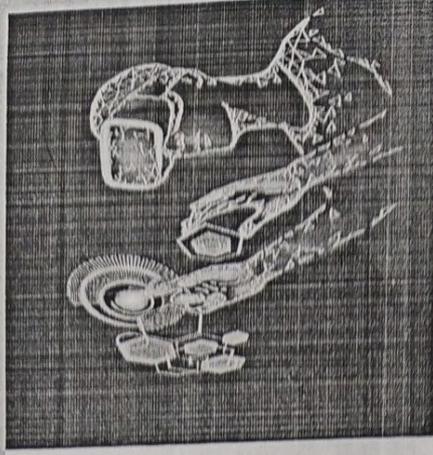


## Faculty Development Program on *Augmented and Virtual Reality, Tools, and Applications*

( 15-20 January 2024 )

In Collaboration with

*Dnnovate Technologies Pvt. Ltd. Pune*



Organized by

Department of Computer Science & Engineering and Information Technology

Yeshwantrao Chavan College of Engineering, Nagpur

(An Autonomous Institution NAAC ACCREDITED WITH 'A++' GRADE)

## The Kalam Impact 2.0

### Schedule for FDP on Augmented and Virtual Reality, Tools, and Applications (15-20 Jan 2024)

Day	Topic/Activity	Time	Duration (min)
1 (MON 15 Jan)	Introduction to AR/VR	2-3 pm	60
	HIGH TEA	3-3.10 pm	10
	Exploring Lidar scan	3.10-5.00 pm	110
2 (TUE 16 Jan)	Introduction to Blender	10.00-11.40 am	100
	HIGH TEA	11.40-11.50 am	10
	3D modeling with Blender	11.50 am-1.00 pm	70
	LUNCH	1.0-1.30 pm	30
	Simulation with Blender	1.30-3.00 pm	90
	HIGH TEA	3.00-3.10 pm	10
	Exploring Sketchfab	3.10-5 pm	110
3 (WED 17 Jan)	Introduction to Unity	10.00-11.40 am	100
	HIGH TEA	11.40-11.50 am	10
	Importing object to unity	11.50 am-1.00 pm	70
	LUNCH	1-1.30 pm	30
	Introduction to Inkscape	1.30-3.00 pm	90
	HIGH TEA	3.00-3.10 pm	10
	Designing UI elements with Inkscape	3.10-5 pm	110
	Introduction to Vuforia	10.00-11.40 am	100
4 (THU 18 Jan)	HIGH TEA	11.40-11.50 am	10
	Creating Image markers	11.50 am-1.00 pm	70
	LUNCH	1-1.30 pm	30
	Creating Android apps	1.30-3.00 pm	90
	HIGH TEA	3.00-3.10 pm	10
	Testing Android AR apps	3.10-5 pm	110
	Troubleshooting application	10.00-11.40 am	100
	HIGH TEA	11.40-11.50 am	10
5 (FRI 19 Jan)	Revision session	11.50 am-1.00 pm	70
	LUNCH	1-1.30 pm	30
	Assessment test	1.30-3.00 pm	90
	HIGH TEA	3.00-3.10 pm	10
	Basic programming with Unity	3.10-5 pm	110
	Programming Concept	10.00-11.30 am	90
	HIGH TEA	11.30 pm-11.40	10
	Revision / Conclusion	11.40 am-1.10 pm	90
6 (SAT 20 Jan)	VALEDICTORY	1.10-1.30 pm	20

Note to the participants: High tea will be provided by the organisers in the morning as well

**The Kalam Impact 2.0**  
**Faculty Development Program on**  
**Augmented and Virtual Reality, Tools and Applications**  
 (15-20 Jan 2024)

Department: Computer Technology

SN.	Name of Faculty	15/01/2024		16/01/2024		17/01/2024		18/01/2024		19/01/2024		20/01/2024	
		FN 10:30-1	AN 2:30-5										
1.	Prof. Prachi Bainlwar	AB											
2.	Prof. Shweta Jain	AB											
3.	Prof. Archana Pimpalkar	AB	ONL	ONL	AB	AB							
4.	Prof. Sharayu Kawale	AB											
5.	Prof. Shubhangi Shambharkar	<del>AB</del>											
6.	Prof. Pradnya Moon	<del>AB</del>											

(F.A. Sheikh)

(K. S. Bhoyas)

(R. C. Dharmik)

(L. S. Durnake)

**The Kalam Impact 2.0**  
 Faculty Development Program on  
**Augmented and Virtual Reality, Tools and Applications**  
 (15-20 Jan 2024)

Department: Electrical Engineering

SN.	Name of Faculty	15/01/2024		16/01/2024		17/01/2024		18/01/2024		19/01/2024		20/01/2024	
		FN	AN										
1.	Prof.. P.S. Patil	FN	AN										
2.	Prof.. T.D. Tembhekar	FN	AN										
3.	Dr. S.R. Gaigowal	FN	AN										
4.	Prof.. S.L. Tiwari	AB	AB										
5.	Prof.. A.D. Kadu	AB	AB										
6.	Prof.. Nivedita Padole	AB	AB										

(P.S. Patil)  
 (P.A. Shaikh)

(S.R. Gaigowal)  
 (K.K. Bhayar)

(R.C. Dharmik)

(N. Padole)  
 (Z.B. Dimake)

**The Kalam Impact 2.0**  
**Faculty Development Program on**  
**Augmented and Virtual Reality, Tools and Applications**  
 (15-20 Jan 2024)

Department: Information Technology

SN.	Name of Faculty	15/01/2024		16/01/2024		17/01/2024		18/01/2024		19/01/2024		20/01/2024	
		FN 10 to 1	AN 2 to 5										
1.	Prof. Bhushan Bawankar	AB	AB										
2.	Prof. Chandrayani Rokde	AB	AB										
3.	Prof. Rashmi Bhat	AB	AB										
4.	Prof. Prēeti matre	AB	AB										
5.	Prof. B. Mankar	AB	AB										
6.	Prof. W. Siraskar	AB	AB										
7.	Prof. K. Gudhage Gudhage	AB	AB										
8.	Prof. R. Chirwatkar	AB	AB										
9.	Prof. D. Gabhane	AB	AB										
10.	Prof. S. Tiparkar	AB	AB										
11.	Prof. S. R. Chokhandre	AB	AB										

(F.A. Sheikh)

(R. K. Bhojari)

(R. C. Dharmik)

(L. S. Damoke)

The Kalani Impact 2.0  
 Faculty Development Program on  
 Augmented and Virtual Reality, Tools and Applications  
 (15-20 Jan 2024)

Department: Computer Science and Engineering

SN.	Name of Faculty	15/01/2024		16/01/2024		17/01/2024		18/01/2024		19/01/2024		20/01/2024	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	Dr. L.B. Damahe	1/10/24	1/10/24	1/10/24	1/10/24	1/10/24	1/10/24	1/10/24	1/10/24	AB	AB	1/10/24	1/10/24
2.	Prof. R.A. Fadnis	1/10/24	1/10/24	1/10/24	1/10/24	1/10/24	1/10/24	1/10/24	1/10/24	AB	AB	1/10/24	1/10/24
3.	Prof. Sagar Lachure	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
4.	Prof. Tejaswini Puranik	Puranik	Puranik	Puranik	Puranik	Puranik	Puranik	Puranik	Puranik	Puranik	Puranik	Puranik	Puranik
5.	Prof. Chanchala Tripathi	AT	AT	Chanchala	Chanchala								
6.	Prof. Kavita Kathane	Kathane	Kathane	Kathane	Kathane	Kathane	Kathane	Kathane	Kathane	Kathane	Kathane	Kathane	Kathane
7.	Prof. Milind Tote	OT	OT	OT	OT	OT	OT	OT	OT	OT	OT	OT	OT
8.	Prof. Priyanka Khandekar	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
9.	Prof. Sachin Janbandhu	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT
10.	Prof. Ayushi Jain	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ

10  
 (F.A. Sheikh)

(K.K. Bhoysar)

(R.C. Dharmik)

(L.B. Damahe)

Yeshwantrao Chavan College of Engineering, Nagpur  
FDP on Augmented and Virtual Reality, Tools and Applications

(Dept. of CSE and IT)

Date: 15/01/2024 to 20/01/2024

Certificate Distribution List

**CSE Dept.**

1	Dr. L.B. Damahe
2	Prof. R.A. Fadnavis
3	Prof. Sagar Lachure
4	Prof. Tejaswini Puranik
5	Prof. Chanchala Tripathi
6	Prof. Kavita Kathane
7	Prof. Milind Tote
8	Prof. Sachin Janbandhu
9	Prof. Ayushi Jain
10	Prof. Priyanka More

**ETC Dept.**

1	Dr. A. D. Belsare
2	Dr. Y. U. Chitriv
3	Dr. M. S. Dorle
4	Prof. K. P. Kamble
5	Prof. M. S. Patil
6	Dr. B.Y. Masram

**Electrical Dept.**

1	Prof.. P.S. Patil
2	Prof.. T.D. Tembhekar
3	Dr. S.R. Gaigowal

**Electronics Dept.**

1	Dr. Ankita D. Tijare
2	Dr. Monica N. Kalbande
3	Dr. Pravin P. Zode
4	Dr. Yashika A. Gaidhani
5	Prof. Swati Nitnaware

**IT Dept.**

1	Prof. Chandrayani Rokde
2	Prof. Rashmi Bhat
3	Prof. Preeti matre
4	Prof. B. Mankar
5	Prof. W. Siraskar
6	Prof. K. Gudadhe
7	Prof. R. Chirwatkar
8	Prof. D. Gabhane
9	Prof. S. Tiparkar
10	Prof. S.R. Chokhandre

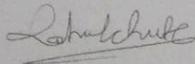
**CT Dept.**

1	Prof. Shubhangi Shambharkar
2	Prof. Pradnya Moon

**YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR**  
(AN AUTONOMOUS INSTITUTION AFFILIATED TO RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY)  
(ACCREDITED WITH NAAC A++ GRADE)

# CERTIFICATE OF PARTICIPATION

This is to certify that Mr./ Ms./ Mrs. \_\_\_\_\_  
has attended one week Faculty Development Program on "**Augmented and Virtual Reality, Tools, and Applications**" organized by the **Department of Computer Science and Engineering** and the **Department of Information Technology** of Yeshwantrao Chavan College of Engineering, Nagpur in association with **Dnnovate Technologies Pvt. Ltd. Pune** under The Kalam Impact 2.0 during 15<sup>th</sup> to 20<sup>th</sup> January 2024 .



Mr. Fazil Sheikh  
Coordinator,  
CSE Dept

Dr. K. K. Bhojar  
Coordinator,  
IT Dept

Mr. Rahul Chute  
Director,  
Dnnovate Tech Pvt. Ltd. Pune

Dr. L. B. Damahe  
HoD, CSE

Dr. R. C. Dharmik  
HoD, IT

Dr. M. M. Kshirsagar  
Director,  
The Kalam Impact 2.0

Dr. U. P. Wagh  
PRINCIPAL,  
YCCE

Note to the Principal

Date: 20.02.2024

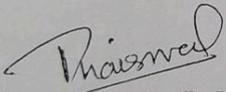
To,  
The Principal  
YCCET, Nagpur.

Subject: Regarding organizing one week FDP based on AI/ML and Data Science for Industry 4.0.

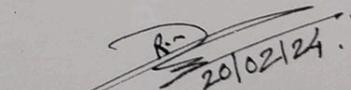
Respected Sir,

I, Mrs. Priyanka G. Jaiswal, working as an assistant professor in the department of Information Technology want to arrange one week Faculty Development program. This program is organised in collaboration with NITTR, Chandigarh. To conduct this program department of IT is registered as remote centre for FDP based on AI/ML and Data Science for Industry 4.0. This program will be from 26<sup>th</sup> Feb, 2024 to 02<sup>nd</sup> March, 2024. It will be beneficial for faculty members of different department, research scholars and student. I request you to permit me to take this program.

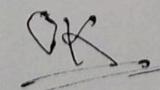
Thank you

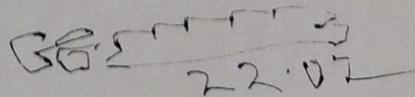
  
Mrs. Priyanka G. Jaiswal

FDP Coordinator

  
Dr. R. C. Dharmik

H.O. D (IT)

  
Self Finance 60000

  
22.02

is compulsory to attend sessions from  
note center in physical mode

Registration/Certificate fee: 118/-

Participants must achieve at least 80%  
attendance and actively participate in quiz-  
ed evaluations to receive a certificate.

### Objective of the STC/FDP

Motivate faculty, research scholars and  
industry persons from engineering domains  
computer science, information technology,  
electronics, etc. to adopt new relevant  
technologies like intelligent automation and  
science for Industry 4.0 applications.

Provide hands-on training to faculties of  
our departments on various tools and  
forms of intelligent automation, data  
mining, ETL, machine learning and data  
science

Train participants on data exploration, data  
modeling, analytics and visualization.

Provide hands-on training on various  
programming languages like R, Python, Base  
etc.

Provide platform to faculty members to  
interact with industry experts from these  
domains where it is difficult to connect directly.

### Contact Details:

9970454570 / 9975900117

prajay@ycce@gmail.com

Hon'ble Shri. Dattaji Meghe, Chairman

Shri. Ravi D. Meghe, Secretary

Hon-ble-Dr. Ved Prakash Mishra

Shri Sameer Meghe, Treasurer

Smt. Vrinda Meghe, Chief Advisor

### Advisory Committee

Dr. U. P. Waghe, Principal

Dr. M. M. Kshirsagar, Director Technical Advisor

Dr. Sunil Prayagi, Registrar

Dr. A. V. Patil, Dean, Academics

### Convener

Dr. R.C. Dharmik, HOD, IT.

### Coordinator

Prof. Priyanka .G. Jaiswal

Assistant Prof,  
IT Department

### Organizing Committee

Prof. Abhay Yeole

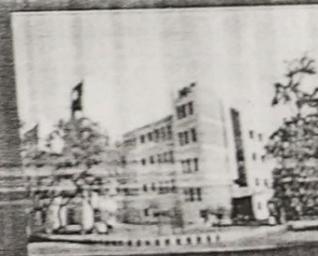
Prof. Kavita Gudadhe

MEGHE

ITC based One Week  
STC/FDP On  
AI/ML and Data Science for  
Industry 4.0  
(Advanced Level)

26th Feb to 2nd March

Under the aegis of IQAC  
As a remote centre with  
NITTR, Chandigarh



Organized by  
Department of Information Technology  
Yeshwantrao Chavan College of  
Engineering (YCCE), Nagpur  
Maharashtra 441110

http://www.ycce.edu

**ICT BASED**

**One week FDP Schedule**

**TOPIC: AI/ML and Data Science for Industry 4.0**

**Duration: 26<sup>th</sup> Feb, to 2<sup>nd</sup> March**

DATE	10:00 A.M. to 11:30 A.M.	11:30 A.M. to 1:00 P.M.		3:00P.M. to 4:30 P.M.
26-02-2024	Essentials of Python and Open Libraries for AI/ML and Data Science	Anaconda Distribution, Jupyter Setup and Python Programming for AI/ML and Data Science	L U N C H  B R E A K	AI and Data Science Methods and Tools for Industry 4.0
27-02-2024	Data Integration, ETL, Data Cleaning and Advance Algorithms for Data Science Applications	Data Integration, ETL, Data Cleaning and Advance Algorithms for Data Science Applications		NLP for Sentiment Analysis in AI and ML Applications
28-02-2024	Recurrent Neural Networks and Long Short-Term Memory Models for AI and ML	Prompt Engineering for AI Applications		Advanced Machine Learning Algorithms Implementation for AI/ML and Data Science
29-02-2024	Diffusion Models for AI based Image Generation	Finetuning of Large Language Models for NLP and AI tasks		Forecasting and Time Series Data Analysis for Industry 4.0
01-03-2024	Federated Learning for AI Applications	Real-Time AI Case Study for Industry 4.0 Applications		Transfer learning using pre-trained networks.
02-02-2024	Research Methodology	Use to open source tool for paper writing		Feedback and Online Evaluation

## Attendance

Name of the Course: AI/ML and Data Science for Industry 4.0 (Advanced Level)

Dates: 26.02.2024 to 02.03.2024

Name of the Institute: Yeshwantrao Chavan college of Engineering(YCCE), Nagpur

r. No	Name of the Participant	Name of the Institut	Day 1 26.02.2024(FN)	Day 2 27.02.2024(FN)	Day 3 28.02.2024(FN)	Day 4 29.02.2024(FN)	Day 5 01.03.2024(FN)	Day 6 02.03.2024(FN)
1	ABHAY NARENDRAJI YEOLE	YCCE,NAGPUR	A	A	A	A	A	A
2	AMOL D GAIKWAD	YCCE,NAGPUR	A	A	A	A	A	A
3	ATUL SHRIKRISHNA LILHARE	YCCE,NAGPUR	A	A	A	A	A	A
4	BHAGYASHRI SURYABHAN MANKA	YCCE,NAGPUR	A	A	A	A	A	A
5	CHANDRAYANI ROKDE	YCCE,NAGPUR	A	A	A	A	A	A
6	DIKSHA DILIP GABHANE	YCCE,NAGPUR	A	A	A	A	A	A
7	DR. RAJESH DHARMIK	YCCE,NAGPUR	A	A	A	A	A	A
8	GANESH KESHAORAO YENURKAR	YCCE,NAGPUR	A	A	A	A	A	A
9	JAGDISH R. YADAV	YCCE,NAGPUR	A	A	A	A	A	A
10	KAVITA HARIDAS GUDADHE	YCCE,NAGPUR	A	A	A	A	A	A
11	KIRAN GAVHALE	YCCE,NAGPUR	A	A	A	A	A	A
12	MANISH HADAP	YCCE,NAGPUR	A	A	A	A	A	A
13	NIKHIL MANGRULKAR	YCCE,NAGPUR	A	A	A	A	A	A
14	NIKITA PRASAD GIRADKAR	YCCE,NAGPUR	A	A	A	A	A	A
15	NILIMA PARAG JIBHAKATE	YCCE,NAGPUR	A	A	A	A	A	A
16	NISHA R. WANKHADE	YCCE,NAGPUR	A	A	A	A	A	A
17	PIYUSH DHULE	YCCE,NAGPUR	A	A	A	A	A	A
18	POOJA GULAB DHAWANE	YCCE,NAGPUR	A	A	A	A	A	A
19	POOJA KULDEEP PANDE	YCCE,NAGPUR	A	A	A	A	A	A
20	PRITI VIVEK MATRE	YCCE,NAGPUR	A	A	A	A	A	A
21	PRIYANKA JAISWAL	YCCE,NAGPUR	A	A	A	A	A	A
22	PRIYANKA MORE	YCCE,NAGPUR	A	A	A	A	A	A

Sr. No.	Name of the Participant	Name of the Institute	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
			26.02.2024(FN)	27.02.2024(FN)	28.02.2024(FN)	29.02.2024(FN)	01.03.2024(FN)	02.03.2024(FN)
23	PRIYANKA PITALE	YCCE,NAGPUR	<i>PP</i>	<i>PP</i>	<i>PP</i>	<i>PP</i>	<i>PP</i>	<i>PP</i>
24	RASHMI NILESH WADIBHASME	YCCE,NAGPUR	<i>RW</i>	<i>RW</i>	<i>RW</i>	<i>RW</i>	<i>RW</i>	<i>RW</i>
25	RITA RAMLAL BHAWALKAR	YCCE,NAGPUR	<i>RB</i>	<i>RB</i>	<i>RB</i>	<i>RB</i>	<i>RB</i>	<i>RB</i>
26	ROSHAN BHANUSE	YCCE,NAGPUR	<i>RB</i>	<i>RB</i>	<i>RB</i>	<i>RB</i>	<i>RB</i>	<i>RB</i>
27	RUTUJA CHIRWATKAR	YCCE,NAGPUR	<i>RC</i>	<i>RC</i>	<i>RC</i>	<i>RC</i>	<i>RC</i>	<i>RC</i>
28	SHRADDHA SOMULU GUGULOTHU	YCCE,NAGPUR	<i>SG</i>	<i>SG</i>	<i>SG</i>	<i>SG</i>	<i>SG</i>	<i>SG</i>
29	SNEHAL MESHAM	YCCE,NAGPUR	<i>SM</i>	<i>SM</i>	<i>SM</i>	<i>SM</i>	<i>SM</i>	<i>SM</i>
30	SUMEDHA R CHOKHANDRE	YCCE,NAGPUR	<i>SC</i>	<i>SC</i>	<i>SC</i>	<i>SC</i>	<i>SC</i>	<i>SC</i>
31	SUSHILKUMAR CHAVHAN	YCCE,NAGPUR	<i>SC</i>	<i>SC</i>	<i>SC</i>	<i>SC</i>	<i>SC</i>	<i>SC</i>
32	SWAPNA KAMBLE	YCCE,NAGPUR	<i>SK</i>	<i>SK</i>	<i>SK</i>	<i>SK</i>	<i>SK</i>	<i>SK</i>
33	SWATI KALE	YCCE,NAGPUR	<i>SK</i>	<i>SK</i>	<i>SK</i>	<i>SK</i>	<i>SK</i>	<i>SK</i>
34	VISHAKHA	YCCE,NAGPUR	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>
35	WARSHA PRASHANT SIRASKAR	YCCE,NAGPUR	<i>WS</i>	<i>WS</i>	<i>WS</i>	<i>WS</i>	<i>WS</i>	<i>WS</i>

*Priyanka*  
**Coordinator**  
**Prof. Priyanka G. Jaiswal**  
 YCCE, Nagpur

Nagar Yuwak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering**

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)  
Hingna Road, Wanadongri, Nagpur - 441 110  
Ph: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.yccc.edu

**Department of Information Technology**

Summary Report

**ICT based One Week STC/FDP on Data Science for Industry**  
**4.0(Advance Level)**

Date : 26 Feb to 2<sup>nd</sup> March, 2024

Topic : Data Science for Industry 4.0(Advance Level)

Organized by: Department of Information technology, under the aegis of IQAC As a remote centre  
with NITTTR, Chandigarh

Total number of Participants: 35

**Summary and Objective of One Week STC/FDP**

The aim of this program is to motivate faculty, research scholars and industry persons from engineering domains like computer science, information technology, electronics, etc. to adopt new relevant technologies like intelligent automation and data science for Industry 4.0 applications. To provide hands-on training to faculties of various departments on various tools and platforms of intelligent automation, data exploration, ETL, machine learning and data science To train participants on data exploration, data modeling, analytics and visualization. To provide hands-on training on various programming languages like R, Python, and Base SAS etc. To provide platform to faculty members to interact with industry experts from these domains where it is difficult to connect directly.

Nagar Yuwak Shikshan Sanstha's

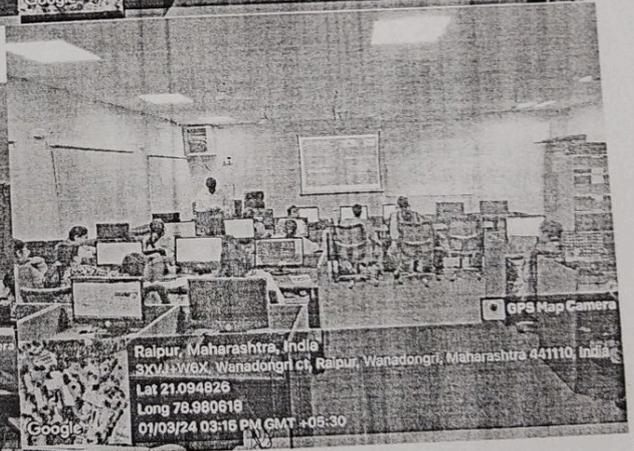
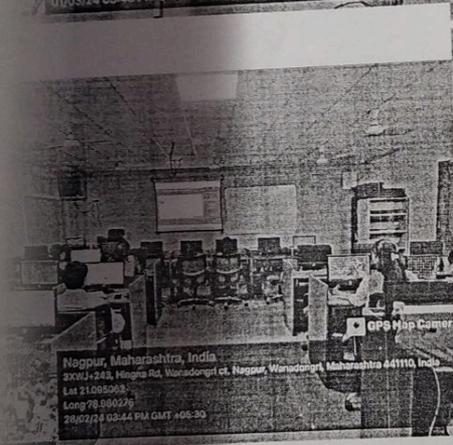
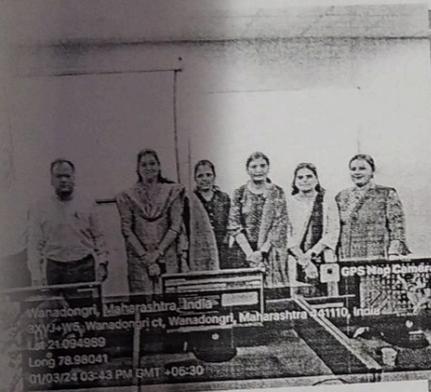
# eshwantrao Chavan College of Engineering

Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

## Department of Information Technology





Nagar Yuwak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering**

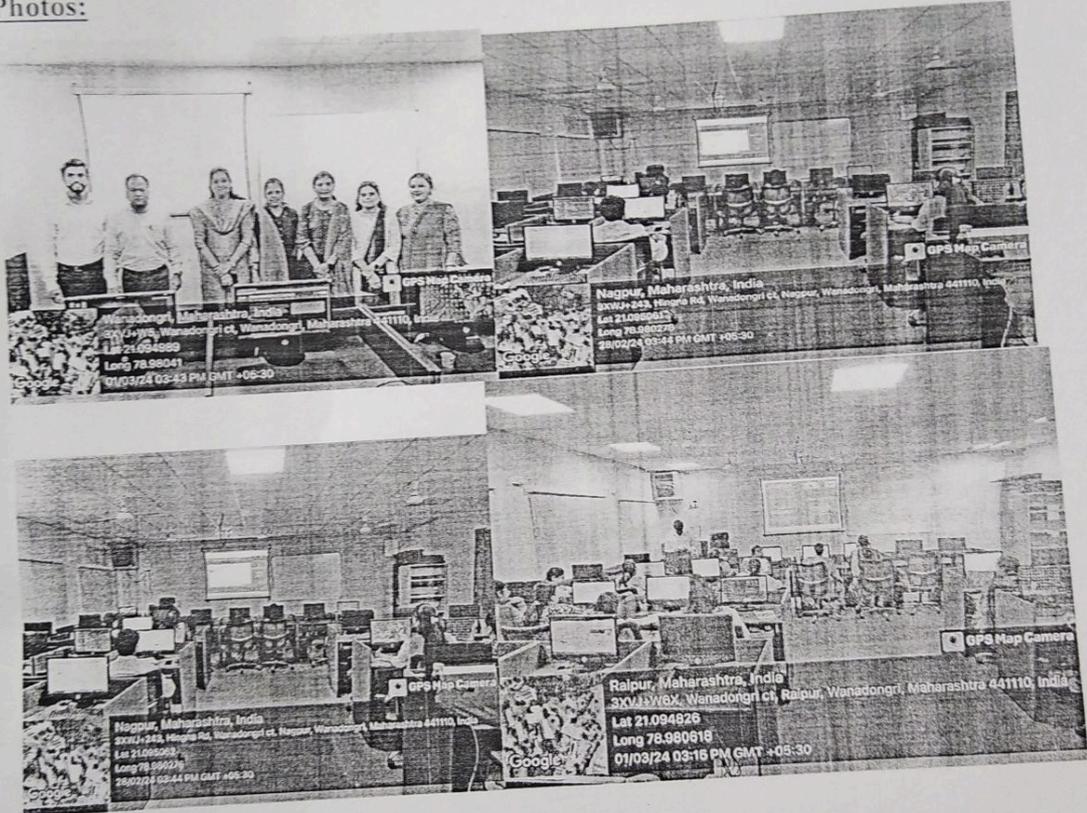
(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

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Department of Information Technology

Photos:



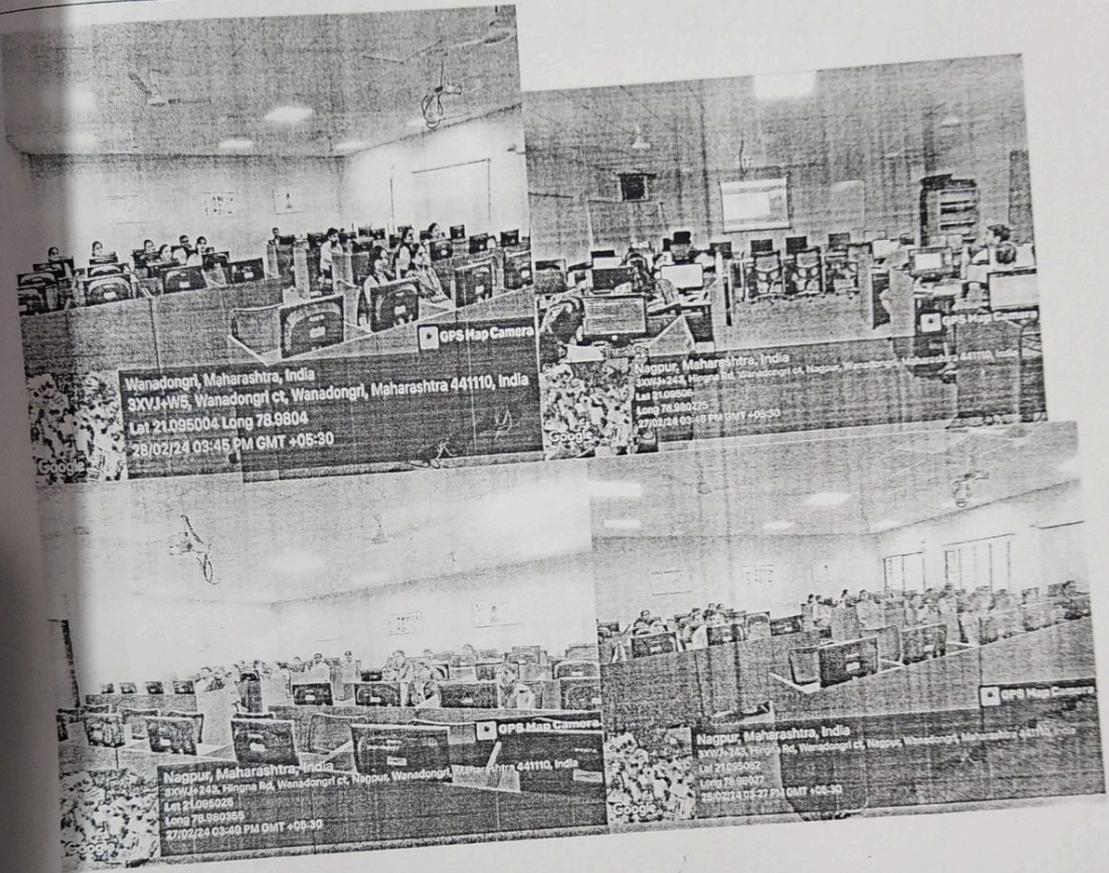


Nagar Yuwak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering**

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)  
 Hingna Road, Wanadongri, Nagpur - 441 110

Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

Department of Information Technology



Organizing Committee

Prof. Kavita Gudadhre *Kavita*

Prof. Priti Matre

Prof. Abhay Yeole

*Priyanka*  
 Co-ordinator

Prof. Priyanka Jaiswal

*R.C. Dharmik*  
 Convener

Dr. R.C. Dharmik, HOD, IT.

Page 12:58 PM

Feedback- STC ICT\_156\_AI\_ML\_Data\_Science\_for\_Industry\_4.0 (26.02.2024 to 01.03.2024)

# Feedback- STC ICT\_156\_AI\_ML\_Data\_Science\_for\_Industry\_ 4.0 (26.02.2024 to 01.03.2024)

15 responses

Publish analytics

Kavita H. Gudadhe

15 responses

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10461@ycce.in

swati79kale@gmail.com

snehalmeshram1809@gmail.com

Warsha Prashant Siraskar

Nikita Prasad Giradkar

Chandrayani Rokde

Vishakha

Priti V Matre

Ganesh Keshaorao Yenurkar

Priyanka more khandekar

Diksha D Gabhane

vishakha Akhare

# **Computer Science & Engineering**



Nagar Yuwak Shikshan Sanstha's

## **Yeshwantrao Chavan College of Engineering**

*(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)*

Hingna Road, Wanadongri, Nagpur - 441 110

**NAAC Accredited with 'A++' Grade**

Ph: 07104-295083,295085

Website: [www.ycce.edu](http://www.ycce.edu), Email: [principal@ycce.edu](mailto:principal@ycce.edu)

### **Department of Computer Science and Engineering**

## **REPORT**

**EVENT NAME: One Day Training Program for Supporting Staff**

**ORGANIZERS:** CSE Department

**FACULTY ORGANISER:** Bharti Karare

**CATEGORY:** Technical

**MODE:** Offline

**SESSION:** EVEN 2022-23

**DATE:** 26/06/2023

**NUMBER OF PARTICIPANTS:** 3

## **SUMMARY**

The Department of Computer Science and Engineering at YCCE organized a one-day training program for the supporting staff, focusing on Microsoft Office. The objective of this program was to enhance the skills and knowledge of the supporting staff members in using various Microsoft Office tools effectively.

The training program covered the fundamental aspects of Microsoft Office, including Word, Excel, and PowerPoint. The participants were provided with hands-on training and practical exercises to reinforce their understanding of the software. The training sessions were conducted by experienced trainers who guided the participants through the functionalities and features of each application.

Throughout the training program, the supporting staff actively participated in interactive sessions and engaged in discussions with the trainers. They were encouraged to ask questions, clarify doubts, and share their experiences, promoting a collaborative learning environment.



# Nagar Yuwak Shikshan Sanstha's Yeshwantrao Chavan College of Engineering

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Website: [www.ycce.edu](http://www.ycce.edu), Email: [principal@ycce.edu](mailto:principal@ycce.edu)

## Department of Computer Science and Engineering

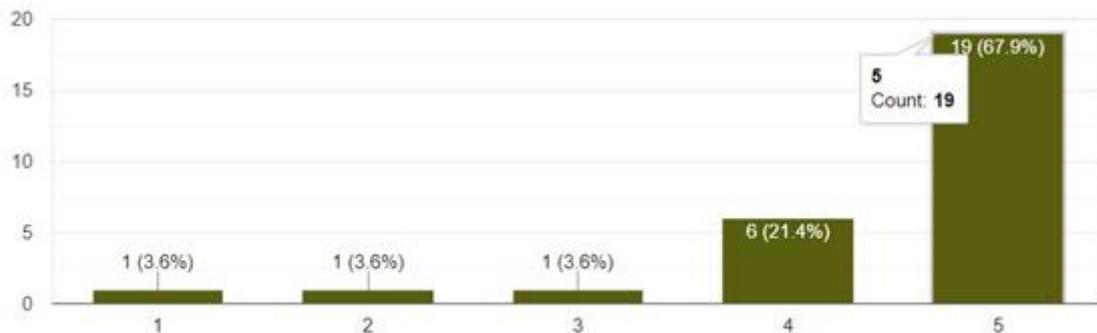
### PHOTOGRAPHS



### FEEDBACK

How relevant and helpful do you think it was for you?

Copy





Nagar Yuwak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering**

(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

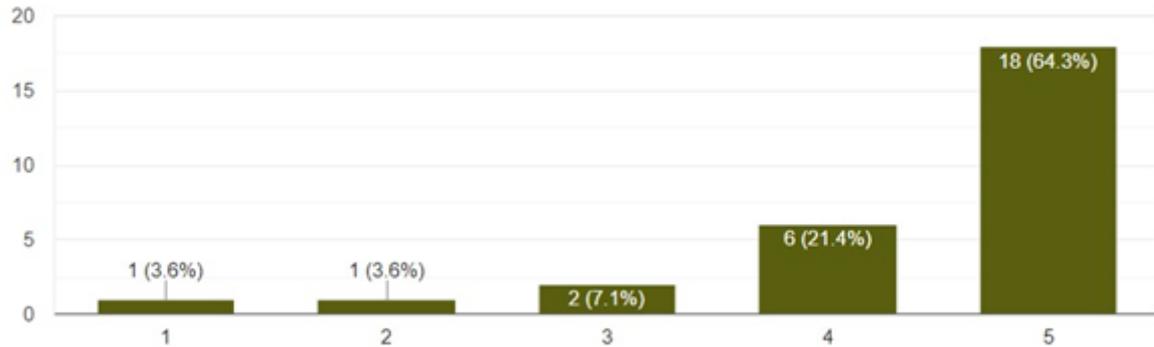
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**Department of Computer Science and Engineering**

How satisfied were you with the event?



**INCHARGE**

**HOD, CSE**

## REPORT

**EVENT NAME:** FACULTY DEVELOPMENT PROGRAMME ON "Augmented and Virtual Reality, Tools and Applications"

**ORGANIZING BODY:** Department of Computer Science & Engineering and Information Technology YCCE, Nagpur, in collaboration with Dnnovate Technologies, Pvt. Ltd. Pune.

**FACULTY ORGANIZERS:** Dr. K.K. Bhojar (IT Dept.), Prof. Fazil Sheikh (CSE Dept.)

**CATEGORY:** Technical

**SESSION:** EVEN 2023-24

**DATE:** 15/01/2024 to 20/01/2024

**NUMBER OF PARTICIPANTS:** 36

## SUMMARY

A 6 days Faculty Development Programme (FDP) on "Augmented and Virtual Reality, Tools and Applications" was organised by the Department of Computer Science & Engineering and Information Technology at Yeshwantrao Chavan College of Engineering, Nagpur scheduled from Jan. 15 to Jan. 20, 2023. The FDP aimed to provide the faculties with practical insights and skills in the field of Augmented and Virtual Reality.

The FDP was organized in collaboration with the Dnnovate Technologies Pvt. Ltd., Pune and it was conducted under the banner of "The Kalam Impact 2.0," a prestigious initiative aimed at promoting innovation and education. The FDP was conducted successfully.

### **Key Organizers and Contributors:**

- **Dr. L. B. Damahe:** HoD, Department of Computer Science and Engineering, Yeshwantrao Chavan College of Engineering, Nagpur.
- **Dr. R.C. Dharmik:** HoD, Department of Information Technology, Yeshwantrao Chavan College of Engineering, Nagpur
- **Dr. M. M. Kshirsagar:** Technical Advisor, MGI Group, Yeshwantrao Chavan College of Engineering, Nagpur.
- **Dr. Pournima Pande:** Coordinator, The Kalam Impact 2.0.

Nagar Yuwak Shikshan Sanstha's

# Yeshwantrao Chavan College of Engineering

(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

NAAC Accredited with 'A' Grade

Ph: 07104-295083, 295085

Website: [www.ycce.edu](http://www.ycce.edu), Email: [principal@ycce.edu](mailto:principal@ycce.edu)

## Department of Computer Science and Engineering

**Program Highlights:** The FDP offered a comprehensive coverage of Augmented and Virtual Reality, Tools and Applications. Major Topics Covered:

1. Introduction to Augmented and Virtual Reality.
2. AR VR tools and its applications.
3. Vuforia Engine, Unity 3D etc.

**Program Outcomes:** The faculties got awareness regarding the trending technologies like Augmented and Virtual reality. They got hands on training on various AR VR tools. They also understood the areas where AR VR can be applied along with its added benefits. Approx. 40 faculties including the coordinators and the 36 participants got benefitted from this FDP.

### SCREENSHOTS



*(Signature)*

Prof. Fazil Sheikh

FDP Coordinator (CSE)

*(Signature)*

Dr. Lalit Damahe

HoD, CSE



Nagar Yuwak Shikshan Sanstha's

## Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110 (M.S.)

Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.yccee.edu

NAACA++

### Department of Computer Science and Engineering Certificate of Participation

This is to certify that Mr./Ms./Mrs. \_\_\_\_\_ has attended one week Faculty Development Program on "Digital Forensics" organized by Department of Computer Science and Engineering of Yeshwantrao Chavan College of Engineering, Nagpur in association with ACM, Nagpur Chapter under Kalam Impact 2.0 during 5<sup>th</sup> June to 10<sup>th</sup> June '2023.

Mrs. R.A.Fadnavis

Dr. L.B.Damahe

Mr. Sachin Sathe

Dr. Manish  
Kurhekar

Dr. Manali Kshirsagar

Dr. U.P. Waghe

Coordinator

Convener

CEO

Chair

Director, The Kalam  
Impact 2.0

Principal, YCCE

Asstt. Professor

HOD, CSE

FORnSEC Solutions

ACM, Nagpur chapter

YCCE, Nagpur

YCCE, Nagpur

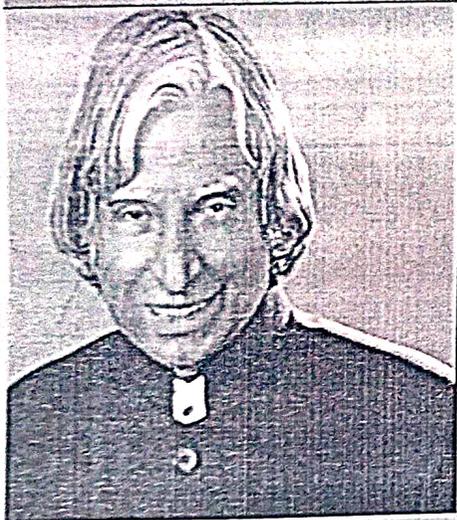
CSE, YCCE,  
Nagpur

YCCE, Nagpur

Nagpur



# *The Kalam Impact 2.0*

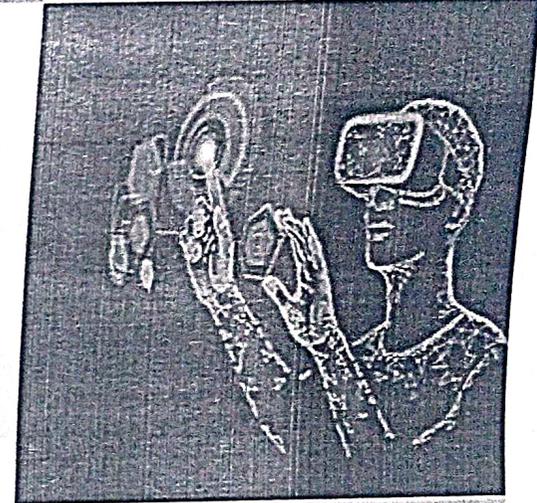


## *Faculty Development Program on Augmented and Virtual Reality, Tools, and Applications*

( 15-20 January 2024 )

In Collaboration with

*Dnnovate Technologies Pvt. Ltd. Pune*



Organized by

**Department of Computer Science & Engineering and Information Technology**

**Yeshwantrao Chavan College of Engineering, Nagpur**

(An Autonomous Institution NAAC ACCREDITED WITH 'A++' GRADE)

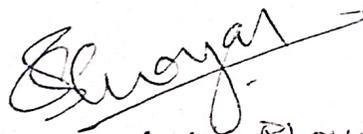
**The Kalam Impact 2.0**  
**Faculty Development Program on**  
**Augmented and Virtual Reality, Tools and Applications**  
 (15-20 Jan 2024)

Department: Computer Technology

SN.	Name of Faculty	15/01/2024		16/01/2024		17/01/2024		18/01/2024		19/01/2024		20/01/2024	
		FN 10/10/1	AN 2/10/5										
1.	Prof. Prachi Bainlwar	✓	✓	AB	AB								
2.	Prof. Shweta Jain	AB	AB	AB	AB	AB	AB	AB	AB	✓	✓	AB	AB
3.	Prof. Archana Pimpalkar	AB	AB	AB	AB	AB	AB	AB	AB	✓	✓	AB	AB
4.	Prof. Sharayu Kawale	AB	AB										
✓5.	Prof. Shubhangi Shambharkar	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓
✓6.	Prof. Pradnya Moon	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

2

  
 (F.A. Sheikh)

  
 (K.K. Bhoyar)

  
 (R.C. Pharnik)

  
 (L.B. Damane)

**The Kalam Impact 2.0**  
**Faculty Development Program on**  
**Augmented and Virtual Reality, Tools and Applications**  
 (15-20 Jan 2024)

Department: Electronics Engineering

SN.	Name of Faculty	15/01/2024		16/01/2024		17/01/2024		18/01/2024		19/01/2024		20/01/2024	
		FN 10 to 1	AN 2 to 5	FN 10 to 1	AN 2 to 5	FN 10 to 1	AN 2 to 5	FN 10 to 1	AN 2 to 5	FN 10 to 1	AN 2 to 5	FN 10 to 1	AN 2 to 5
✓ 1.	Dr. Ankita Deorao Tijare	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita						
✓ 2.	Dr. Monica Nilesh Kalbande(Mankar)	MNK	MNK	MNK	MNK	MNK	MNK						
✓ 3.	Dr. Pravin Pundlikrao Zode	<del>Pravin</del> (AB)	<del>Pravin</del>	<del>Pravin</del>	<del>Pravin</del> (AB)	<del>Pravin</del> (AB)							
#	Prof. Shweta Abhishek Dhondse (Deopujari)												
✓ 4.	Dr. Yashika (Shweta) Anand Gaidhani(Hajare)	Yashika	Yashika	Yashika	Yashika	Yashika	Yashika						
✓ 5.	Swati Nitnawar	Swati	Swati	Swati	Swati	Swati	Swati						

(F.A. Sheikh)

(K.K. Bhojar)

(R.C. Dharmik)

(L.B. Damake)

**The Kalam Impact 2.0**  
**Faculty Development Program on**  
**Augmented and Virtual Reality, Tools and Applications**  
 (15-20 Jan 2024)

Department: Electrical Engineering

SN.	Name of Faculty	15/01/2024		16/01/2024		17/01/2024		18/01/2024		19/01/2024		20/01/2024	
		FN 10 to 1	AN 2 to 5										
✓ 1.	Prof.. P.S. Patil	no	no	no	no	(AB)	no	no	no	no	no	(AB)	(AB)
✓ 2.	Prof.. T.D. Tembhekar	Tembhekar	Tembhekar	Tembhekar	Tembhekar	Tembhekar	Tembhekar	Tembhekar	Tembhekar	Tembhekar	Tembhekar	Tembhekar	Tembhekar
✓ 3.	Dr. S.R. Gaigwal	SR	SR	SR	SR	SR	SR	SR	(AB)	SR	SR	(AB)	(AB)
4.	Prof.. S.L. Tiwari	(AB)	(AB)										
5.	Prof.. A.D. Kadu	(AB)	(AB)										
6.	Prof.. Nivedita Padole	(AB)	(AB)										

3

(P.S.)  
 (P.S. Patil)  
 (C.F.A. Sheikh)

(S.R.)  
 (S.R. Gaigwal)  
 (K.K. Bhojars)

(R.)  
 (R.C. Dharmik)

(D.)  
 (D. B. Dimake)

**The Kalam Impact 2.0**  
**Faculty Development Program on**  
**Augmented and Virtual Reality, Tools and Applications**  
 (15-20 Jan 2024)  
 Department: Electronics and Telecommunication Engineering

SN.	Name of Faculty	15/01/2024		16/01/2024		17/01/2024		18/01/2024		19/01/2024		20/01/2024	
		FN 10 to 1	AN 2 to 5	FN 10 to 1	AN 2 to 5	FN 10 to 1	AN 2 to 5	FN 10 to 1	AN 2 to 5	FN 10 to 1	AN 2 to 5	FN 10 to 1	AN 2 to 5
✓ 1.	Dr. A. D. Belsare	<del>AB</del>	<del>AB</del>	<del>AB</del>	<del>AB</del>	AB	AB	<del>AB</del>	AB	<del>AB</del>	<del>AB</del>	<del>AB</del>	<del>AB</del>
✓ 2.	Dr. Y. U. Chitriv	YU	AB	YU	AB	AB	YU	AB	AB	AB	YU	YU	YU
✓ 3.	Dr. M. S. Dorle	MS	MS	MS	AB	AB	MS	AB	AB	AB	MS	MS	MS
✓ 4.	Prof. K. P. Kamble	AB	AB	AB	AB	AB	KP	KP	KP	KP	KP	KP	KP
✓ 5.	Prof. M. S. Patil	MS	MS	MS	MS	AB	MS	AB	AB	MS	MS	MS	MS
✓ 6.	Dr. B. Y. Masram	AB	AB	BY	BY	AB	AB	BY	BY	BY	BY	BY	BY

6

(F.A. Sheikh)

(R.K. Bhojar)

(R.C. Dharmik)

(L.B. Damake)

**The Kalam Impact 2.0**  
**Faculty Development Program on**  
**Augmented and Virtual Reality, Tools and Applications**  
 (15-20 Jan 2024)

Department: Information Technology

SN.	Name of Faculty	15/01/2024		16/01/2024		17/01/2024		18/01/2024		19/01/2024		20/01/2024	
		FN 10 to 1	AN 2 to 5										
1.	Prof. Bhushan Bawankar	AB	AB	AB	AB	AB	Be	AB	AB	AB	AB	AB	AB
2.	Prof. Chandrayani Rokde	AB	AB										
3.	Prof. Rashmi Bhat	AB	AB										
4.	Prof. Preeti matre	AB	AB										
5.	Prof. B. Mankar	AB	AB										
6.	Prof. W. Siraskar	AB	AB										
7.	Prof. K. Gudhage-Gudadhe	AB	AB										
8.	Prof. R. Chirwatkar	AB	AB										
9.	Prof. D. Gabhane	AB	AB										
10.	Prof. S. Tiparkar	AB	AB										
11.	Prof. S.R. Chokhandre	AB	AB										

(F.A. Sheikh)

(R.K. Bhojari)

(R.C. Dharmik)

(L.S. Damake)

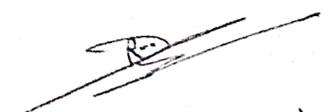
**The Kalam Impact 2.0**  
**Faculty Development Program on**  
**Augmented and Virtual Reality, Tools and Applications**  
 (15-20 Jan 2024)

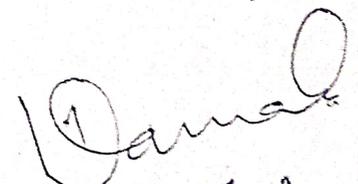
Department: Computer Science and Engineering

SN.	Name of Faculty	15/01/2024		16/01/2024		17/01/2024		18/01/2024		19/01/2024		20/01/2024	
		FN 10 to 1	AN 2 to 5										
1.	Dr. L.B. Damahe	<del>VB</del>											
2.	Prof. R.A. Fadnavis	<del>Ray</del>											
3.	Prof. Sagar Lachure	<del>SL</del>											
4.	Prof. Tejaswini Puranik	<del>Puranik</del>											
5.	Prof. Chanchala Tripathi	<del>Chanchala</del>											
6.	Prof. Kavita Kathane	<del>Kathane</del>											
7.	Prof. Milind Tote	<del>Tote</del>											
8.	Prof. Priyanka Khandekar	<del>Priyanka</del>											
9.	Prof. Sachin Janbandhu	<del>Janbandhu</del>											
10.	Prof. Ayushi Jain	<del>Jain</del>											

10  
  
 (F.A. Sheikh)

  
 (K.K. Bhojar)

  
 (R.C. Dharmik)

  
 (L.B. Damahe)

**First Year**

### About YCCE:

Yeshwantrao Chavan College of Engineering was established in the year 1984 by Nagar Yuwak Shikshan Sanstha, Nagpur. YCCE is the prominent institution acknowledged for remarkable engineering education and research. Since 38 years the institution has magnificently cherished and encouraged the forthcoming engineering professionals across the country making us one of the most opted **Engineering College in Maharashtra**. It is the first private engineering college in Central India to acquire "**Autonomous Status**". YCCE has the vision to become the most preferred institution providing innovative, research and value based, professional education for the society at large and by the Academic Advisory Board consisting of eminent academicians from the prestigious technical institutes in India and abroad.

- The institute is recently reaccredited 'A++' Grade with the CGPA of 3.6 by National Assessment and Accreditation Council (NAAC) for a period of five years w.e.f. May 2022 to May 2027.
- University Grant Commission (UGC), New Delhi has granted Extension of Autonomy status for a period of Ten (10) years from the session 2022-23 to 2031-32.
- All the departments are approved research centres of RTM Nagpur University. 92 Patents have been granted till date.
- YCCE has established Siemens Centre of Excellence for digital manufacturing robotics, AVIVA Centre of Excellence and Nvidia Centre of Excellence for Artificial Intelligence and Machine Learning.
- Selected by Ministry of Micro, Small and Medium Enterprises, Govt. of India as Technical Business incubator under ASPIRE scheme and registered 9 startups.

### Chief Patrons

**Hon'ble Shri Dattaji Meghe**, Chairman,  
Nagar Yuwak Shikshan Sanstha, Nagpur.  
**Shri Sameerji Meghe**, Treasurer,  
Nagar Yuwak Shikshan Sanstha, Nagpur.  
**Smt. Vrindatai Meghe**, Chief Advisor, MGI

### General Chair:

**Dr. U. P. Waghe**,  
Principal, YCCE, Nagpur.

**Dr. M. M. Kshirsagar**,  
Director (Technical) and Advisor  
Meghe Group of Institutions

### Organizing Chair

Dr. S. V. Prayagi, Registrar, YCCE  
Dr. A. V. Patil, Dean (Academic Matters), YCCE  
Dr. A. R. Bhagat Patil, Dean (P & D), YCCE  
Dr. U. H. Gawande, Dean (R & D), YCCE  
Dr. M. P. Gandhi, First Year Coordinator, YCCE

### Convener

**Dr. H. V. Ganvir**, HOD,  
Applied Physics Department, YCCE

**Dr. Arsala Z. Khan**,  
Applied Physics Department, YCCE

### Organizing Committee

Dr. V. Y. Ganvir, YCCE (9881367366)  
Dr. S. A. Fartode, YCCE (9545565111)  
Dr. B. N. Patil, YCCE (9607327320)  
Dr. M. A. Upasani, YCCE (9665070975)  
Dr. D. V. Jamkar, YCCE (8668935689)  
Prof. T. M. Jaulkar (8625980049)



Nagar Yuwak Shikshan Sanstha's

## Yeshwantrao Chavan College of Engineering

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MaharajNagpur University)

Accredited 'A++' Grade by NAAC

Hingna Road, Wanadongri, Nagpur-441110



One Week Online National Level FDP on  
**"Advanced Materials & Quantum  
Technology"**

4<sup>th</sup> Dec to 09<sup>th</sup> Dec 2023

Organized by

Department of Applied Physics

Under the aegis of IQAC, YCCE, Nagpur

### About FDP

The aim of this FDP is to provide in-depth knowledge of Advanced materials, synthesis, characterization, quantum technology and applications in the advancement of Science and Technology in different domains. The FDP will focus to create a platform between Academia and Industry to fill the gap between research in laboratory and its industrial application.

### Objective

This FDP will provide the participants an exposure to the state-of-the-art techniques used worldwide in the area of advanced materials, material science and quantum computing. This will also provide a platform for the participants to interact with the leading scientists and technologists and benefit from their vast experience in the area.

### Topics

This FDP will cover the following topics:

- Introduction to Advanced Materials
- Advance Functional Materials (AFMs)
- Nanomaterials, Biomaterials, Smart Materials
- Polymer, Ceramics, Composite Materials, Ferrous & Non-ferrous
- Synthesis and characterization techniques
- Crystal Growth Techniques
- Quantum Computing & Applications
- Prospects in the relevant area
- Advanced Materials Testing Methods

### About Department

With an aim to broaden the educational background of students, the department offers studies in engineering & applied physics to B.Tech First Year Students. In autonomy the department offers free electives (Electronic Materials and Applications, Laser Technology and Applications) to students of Semester V and VI. The department of applied physics has two well-equipped laboratories with two dark rooms for optical & LASER experiments. The faculty members have made significant research contribution on national & International level in the fields of material science and solid-state physics and have copyrights, monographs and book chapters to their credit.

### Resource Persons:

Professor / Faculties / Scientists from renowned institutes like IIITs, IITs, NITs, Govt. colleges, Private colleges and R&D Labs.

### Who can attend?

Faculties, Research Scholar, Students & Industry Person from various branches (Science, Engineering, Architecture, Management)

### Registration Details:

Registration Fee:

Student: INR 100/-

Research Scholar: INR 150/-

Faculty: INR 200/-

Industry Person: INR 300/-

Last Date of Registration: 30-11-2023

### Registration Link:

<https://forms.gle/FcVjgNve9u2FcKjZ9>

### Bank Details:

Steps to follow for Online Transaction:  
(GPay/Paytm/Phone Pay/UPI)

1. Payment of Registration fees:

Gpay : 8668935689

UPI-ID: jamkardipti13@okicici

QR Scan Code:



2. Screenshot of Transaction ID for uploading

3. Fill the registration form via google form link

### For RTGS/NEFT:

Account Name: Dipti Vinod Jamkar

Account Number: 110018175964

Name of the Bank: Canara Bank

IFSC Code: CNRB0001084

### Contact:

Dr. Arsala Khan

Contact: 9405144274

Email: [amqt2023@gmail.com](mailto:amqt2023@gmail.com)

Join Whatsapp group using any of the following link:

FDP-Group-01:

<https://chat.whatsapp.com/DZLLYlz2Wdvi8LA2QhVqb5>

FDP-Group-02:

<https://chat.whatsapp.com/GxeQKD9SDQh3okxYuBTGHj>

FDP-Group-03:

<https://chat.whatsapp.com/LpiloTclIGSLBCHdzOC4Y>



Nagar Yuwak Shikshan Sanstha's

**Yeshwantrao Chavan College of Engineering, Nagpur**  
(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)  
Hingna Road, Wanadongri, Nagpur - 441 110

**DEPARTMENT OF APPLIED PHYSICS**

**Report on One Week Online National Level FDP on**

**"ADVANCED MATERIALS & QUANTUM TECHNOLOGY (AMQT-2023)**

Department of Applied Physics - Yeshwantrao Chavan College of Engineering Nagpur organized One-week, Online National Level Faculty Development Program "**Advanced Materials & Quantum Technology**" during 4<sup>th</sup> – 9<sup>th</sup> December 2023 where eminent educationists shared their views related to theme and a very beneficial academic environment was experienced by the participants.

This FDP was aimed to provide the participants an exposure to the state-of-the-art techniques used worldwide in the area of advanced materials, material science and quantum computing. This FDP has also provided a platform for the participants to interact with the leading scientists and technologists and benefit from their vast experience in the defined area. This FDP received an overwhelming response from all over India and around 270 faculties, research scholars and students participated in the event. **Dr. Hemlata Ganvir** and **Dr. Arsala Khan** were the conveners of this program.

The FDP was inaugurated at the hands of Principal Dr. U.P. Waghe. **Principal, Dr. U. P. Waghe** welcomed all participants and explained the role played by advanced materials and applications of quantum computers. **Dr. Hemlata Ganvir**, HOD, Applied Physics Department gave the welcome address and explained the motive behind organizing this FDP.

**Dr. Arsala Khan**, convener, FDP, AMQT-2023 handled the proceedings and proposed the vote of thanks. **Dr. V. Y. Ganvir, Dr. B. N. Patil, Dr. S. A. Fartode, Dr. M. A. Upasani, Dr. D. V. Jamkar** and **Prof. T. M. Jaulkar** worked hard for the success of event.

**Day wise details of the invited talks are as follows:**

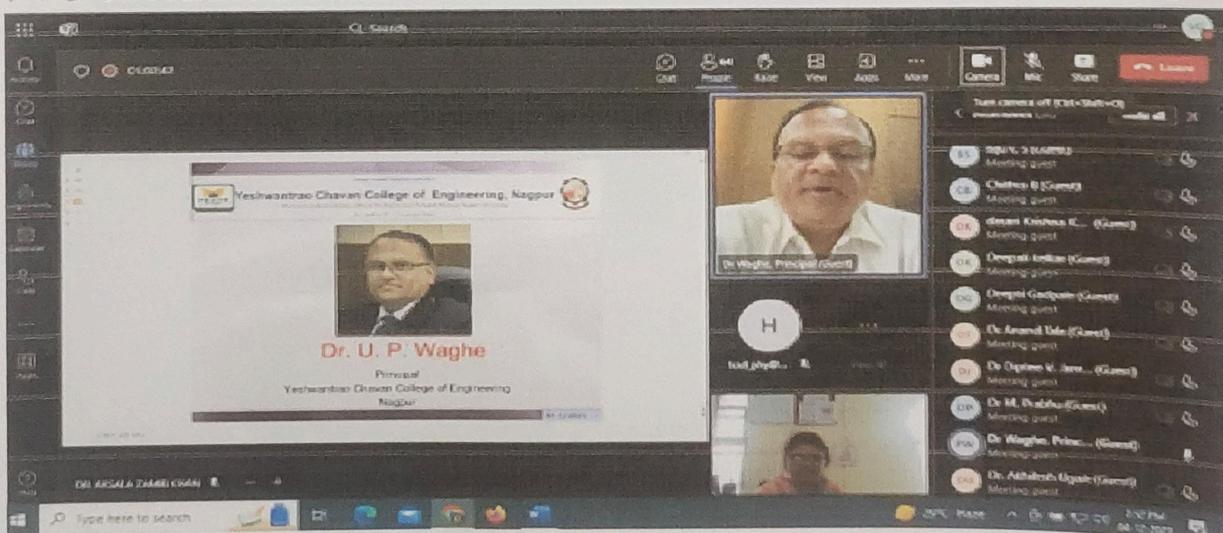
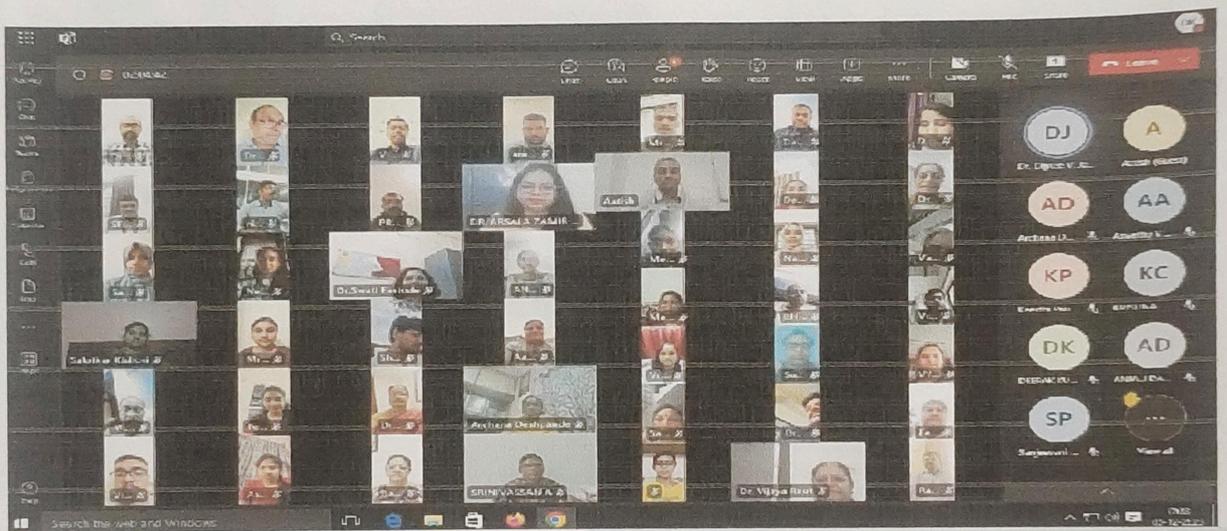
Sr. No.	Name of Speaker	Date	Title of Invited talk
1	<b>Dr. Babasaheb Raghunath Sankapal</b> , Professor & Ex. Head, Department of Physics, Former Assoc Dean (Exam), Visvesvaraya National Institute of Technology, Nagpur	04.12.2023	Advanced Functional Nanomaterials: Synthesis to Application Approach
2	<b>Dr. Aatish S. Daryapurkar</b> Assistant Professor Department of Basic Sciences Indian Institute of Information Technology Nagpur,	05.12.2023	Basics of Quantum Computing
3	<b>Dr. P. Rajesh</b> Assistant Professor, SSN College of Engineering, Chennai.	06.12.2023	Development of Device Quality Large Size Single Crystals
4	<b>Dr. Smita Acharya</b> Professor, Department of Physics, RTM Nagpur University. Director, IQAC-RTMNU	06.12.2023	Designing Research Problems Based on Materials for Quantum technology
5	<b>Dr. M. V. Reddy</b> Professor, Senior Professional Researcher and group leader in Energy Storage Technology at Nouveau Monde Graphite (New graphite world) (NMG), Quebec, Montreal, Canada.	07.12.2023	Advances in materials for e-Energy storage technology and sustainability.



**DEPARTMENT OF APPLIED PHYSICS**

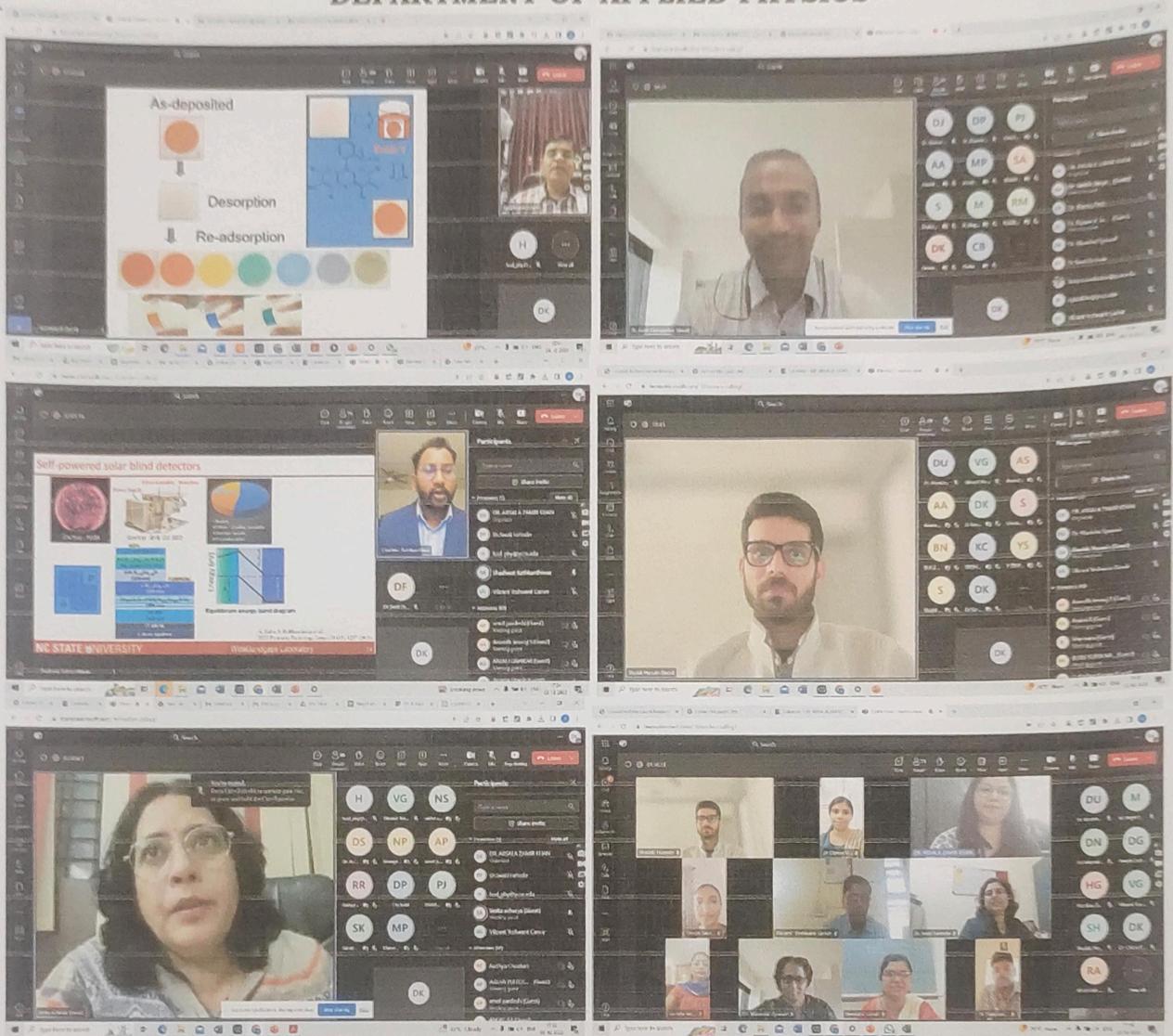
6	<b>Dr. Shashwat Rathkantiwar</b> Postdoctoral Research Scholar Wide-Bandgaps Laboratory Department of Materials Science and Engineering, North Carolina State University, USA	08.12.2023	Wide Bandgap Semiconductors: Crystal Growth to Devices.
7	<b>Mr. Shadab Hussain,</b> Senior Associate – MLOps, The Math Company (Global Enterprise AI and analytics Co.) Frisco, Texas, United States	09.12.2023	Applications of Quantum Computing

**Photographs of the Event:**



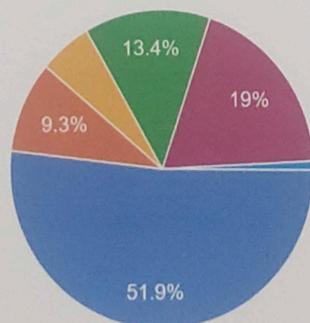


**DEPARTMENT OF APPLIED PHYSICS**



**Responses of the Feedbacks received:**

Designation  
216 responses



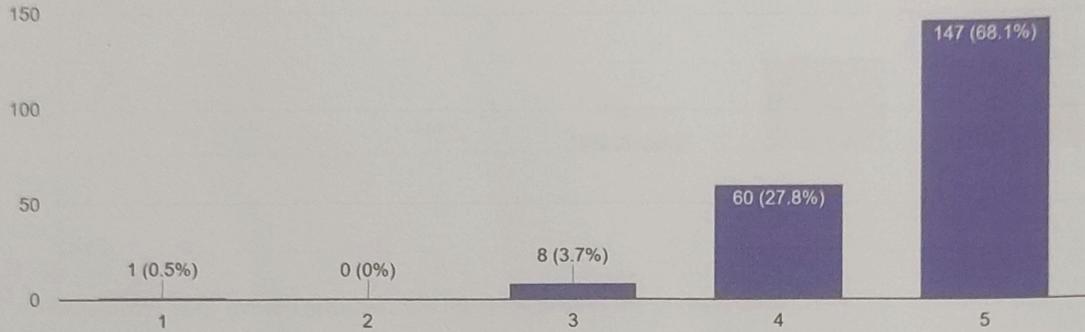
- Assistant Professor
- Associate Professor
- Professor
- Research Scholar
- Student
- Any other



**DEPARTMENT OF APPLIED PHYSICS**

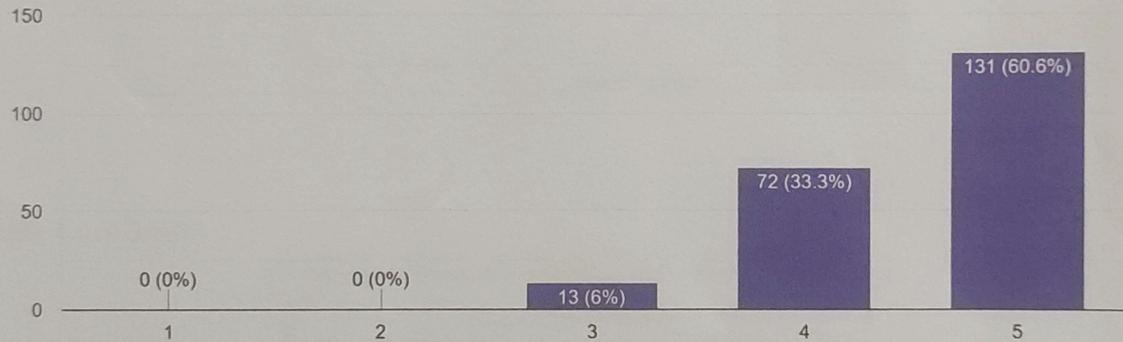
Topic of the Speaker was relevant to latest technology and FDP?

216 responses



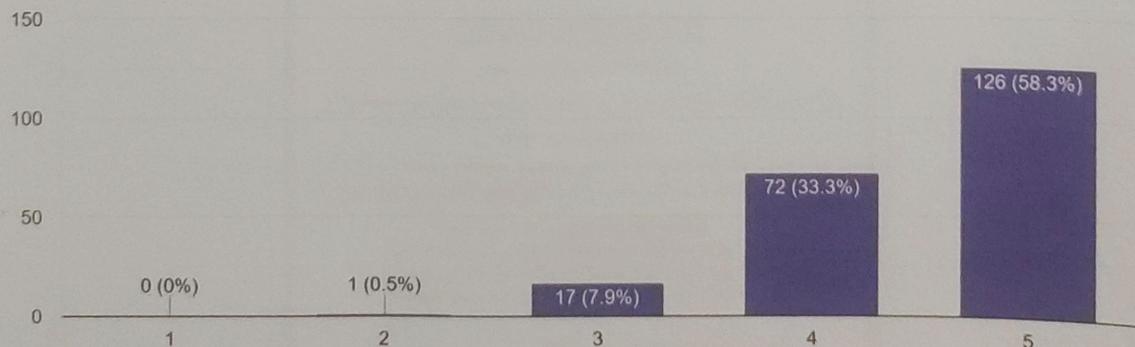
How did you find the content of the invited talk?\*

216 responses



The invited talk was interactive and felt engaged?

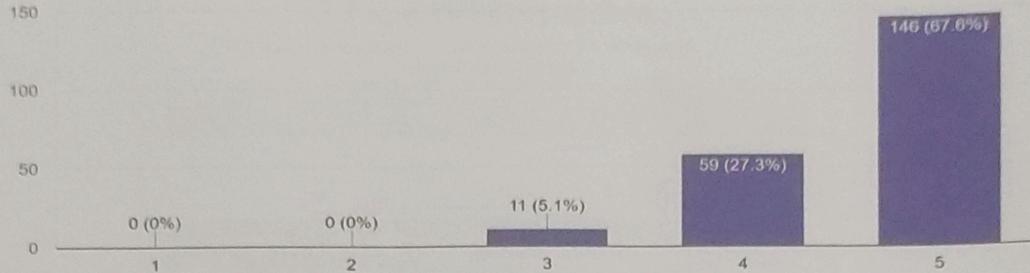
216 responses



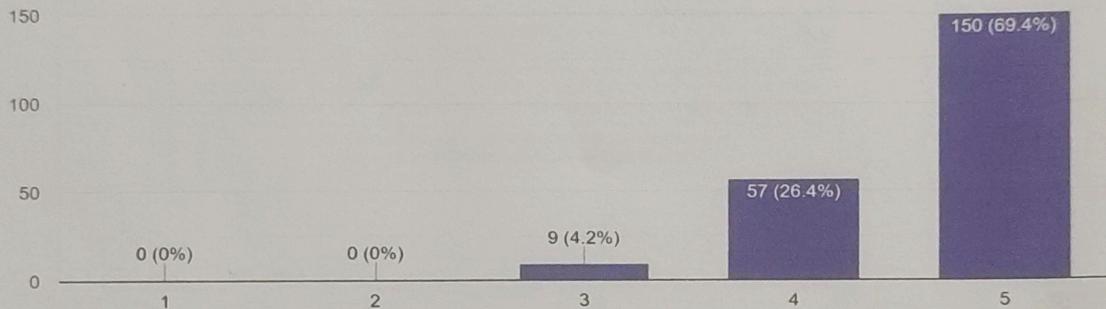


**DEPARTMENT OF APPLIED PHYSICS**

Speaker was able to explain the topic clearly & used relevant example  
216 responses



Please rate your overall satisfaction level regarding the invited talk.  
216 responses



**Sample Certificate:**





**DEPARTMENT OF APPLIED PHYSICS**

News of the Event:

**TheHitavada**

Nagpur City Line | 2024-01-05 | Page- 4  
ehitavada.com

**FROM THE COLLEGES**

**Yeshwantrao Chavan College  
of Engineering**

DEPARTMENT of Applied Physics - Yeshwantrao Chavan College of Engineering, had organised a one-week, faculty development programme in online mode on 'Advanced Materials & Quantum Technology'. Dr B R Sankpal, Prof in Physics-VNIT delivered the keynote address on 'Advanced Functional Nanomaterials: Synthesis to Application'. The other expert talks were delivered by Dr Aatish S Daryapurkar - IIT Nagpur, Dr P Rajesh, SSN College of Engineering Chennai. Also Prof MV Reddy - Researcher and group leader in Energy Storage Technology at Nouveau Monde Graphite Lab, Montreal, Dr Shashwat Rathikanthiwar, Postdoctoral Researcher North Carolina State University, Shadab Hussain, Sr Asso - MLOps, The Math Company Frisco, Texas, contributed too. Dr A Z Khan, convener handled proceedings and proposed the vote of thanks. Dr V Y Ganvir, Dr B N Patil, Dr S A Fartode, Dr M A Upasani, Dr DV Jamkar and others worked hard for the event.

Colleges may send their news items on  
[cityline@thehitavada.com](mailto:cityline@thehitavada.com)

Dr. Arsala Khan  
Convener, AMQT  
Applied Physics Department

Dr. H. V. Ganvir  
HOD & Convener, AMQT  
Applied Physics Department

HOD  
Department of Applied Physics  
Yeshwantrao Chavan College of Engineering,  
Nagpur - 441110













**YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR**  
**DEPARTMENT OF APPLIED PHYSICS**  
**FDP on " Advanced Materials & Quantum Technology, 2023"**  
**List of Participants (Student)**

Sr. No.	Timestamp	Email Address	Salutation	Name of the Participant	Email ID	Mobile Number	Whatsapp Number	Designat	Name of the Institution	City	State	Country	Registration Fees Paid	Upload Fees Transaction Detail In pdf / Image only (Size<10 MB)	Payment Mode	Transaction ID	Transaction Date
1	12-1-2023 23:30:37	aaryakadu2005@gmail.com	Ms.	AARYA RAJENDRA KADU	aaryakadu2005@gmail.com	7385348138	7385348138	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1a78959x7Gm_30f46Cz2h20nZyag002E">https://drive.google.com/open?id=1a78959x7Gm_30f46Cz2h20nZyag002E</a>	Phone pay	7385348138@dr	01-12-2023
2	11-21-2023 23:34:32	santoshwarasayush@gmail.com	Mr.	AAYUSH SANTOSHWAR	santoshwarasayush@gmail.com	8655841368	9685841368	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=19GcJ37mWmDQw9in09BaXz8cZ2Ag">https://drive.google.com/open?id=19GcJ37mWmDQw9in09BaXz8cZ2Ag</a>	GPAY	33252958681.00	21-11-2023
3	12-03-2023 11:11	23070500@yccc.in	Ms.	ADITI PANDEY	23070500@yccc.in	8830662099	8830662099	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=19gJJB5pYVpYoc5eMkMkRkU6956x">https://drive.google.com/open?id=19gJJB5pYVpYoc5eMkMkRkU6956x</a>	Paytm	723125131110282829174539	12-03-2023
4	12-4-2023 14:08:40	akankshaambekar10@gmail.com	Ms.	AKANKSHA AMBEKAR	23070318@yccc.in	9422504103	9422504103	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=18qgJ2cmf8t-9qrR7B-BLDPcChOXmL">https://drive.google.com/open?id=18qgJ2cmf8t-9qrR7B-BLDPcChOXmL</a>	Phone pay	72312541357024629728816	04-12-2023
5	11-3-2023 22:03:59	amishakongre778@gmail.com	Mrs.	AMISHA SUBHASH KONGARE	23071051@yccc.in	8788848592	8788848592	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1eG0d9Dn9Pm5d5HE_0_14d89H4U9F5d2">https://drive.google.com/open?id=1eG0d9Dn9Pm5d5HE_0_14d89H4U9F5d2</a>	Phone pay	330838792869.00	04-11-2023
6	11-18-2023 20:06:56	23071281@yccc.in	Ms.	ANJALI MAHESH JESWANI	23071281@yccc.in	7757042802	7757042802	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1G8P8mL458h3k3DyY-59PACbaFAW5Su">https://drive.google.com/open?id=1G8P8mL458h3k3DyY-59PACbaFAW5Su</a>	GPAY	330242058030.00	18-11-2023
7	11-11-2023 18:23:40	anushkacharpe@gmail.com	Ms.	ANUSHKA ARUN CHARPE	anushkacharpe@gmail.com	7756880584	7756880584	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=11p8N1K2N4N1G0oQF38-9qRz3Zc3c05">https://drive.google.com/open?id=11p8N1K2N4N1G0oQF38-9qRz3Zc3c05</a>	Phone pay	72311111815337949603549	11-11-2023
8	11-15-2023 13:37:34	23071378@yccc.in	Ms.	ARIBA ZAFIRAH	23071378@yccc.in	7789972979	7789972979	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1a4y4E9gI858XV1F78H3qMkRkH1D40C">https://drive.google.com/open?id=1a4y4E9gI858XV1F78H3qMkRkH1D40C</a>	GPAY	331974213823.00	15-11-2023
9	11-26-2023 18:49:07	23071424@yccc.in	Mr.	ATHARVA SINGH	atharvasingh5425@gmail.com	8284028507	9284028507	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=18IPW9-QJk97831mV7ZGCGK8y71vM2s">https://drive.google.com/open?id=18IPW9-QJk97831mV7ZGCGK8y71vM2s</a>	GPAY	333052584098.00	26-11-2023
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12	11-18-2023 18:18:49	ishasawar3113@gmail.com	Ms.	BHUMIKA BHARAT KEWATE	Kewatebhumika5@gmail.com	8767787074	8767787074	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1A3z2Q8g4F5u05P1_Am0u0Pv8v8H9C">https://drive.google.com/open?id=1A3z2Q8g4F5u05P1_Am0u0Pv8v8H9C</a>	GPAY	8448287829	18-11-2023
13	12-03-2023 10:58	23070176@yccc.in	Mr.	CHINMAY LOKHANDE	23070176@yccc.in	7866578562	7866578562	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1E8R2h-66ZHT7Yv8mBTLV9RmgH4GLR">https://drive.google.com/open?id=1E8R2h-66ZHT7Yv8mBTLV9RmgH4GLR</a>	GPAY	33370216486.00	12-03-2023
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20	11-10-2023 23:02:04	23070034@yccc.in	Ms.	JIDNYASA SUNIL SOMANKAR	jidnyasasomankar11@gmail.com	7499412729	7499412729	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1Y9-vN4E4G8ZRa1vqLH8c067a0WcL2">https://drive.google.com/open?id=1Y9-vN4E4G8ZRa1vqLH8c067a0WcL2</a>	GPAY	331403057058.00	10-11-2023
21	11-23-2023 18:04:19	23071482@yccc.in	Ms.	K.R.DIVYALAKSHMI	divyalakshmi4@gmail.com	7030345212	7030345212	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1A1m_GvN8p8E12h8E3F7v_84m8J">https://drive.google.com/open?id=1A1m_GvN8p8E12h8E3F7v_84m8J</a>	Paytm	332737132504.00	23-11-2023
22	11-23-2023 14:22:44	kalyanbelorkar99@gmail.com	Ms.	KALYANI KISHOR BELORKAR	Kalyanbelorkar99@gmail.com	9786229603	9786229603	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1R4c05L8qW8v0c05a0L4Y429">https://drive.google.com/open?id=1R4c05L8qW8v0c05a0L4Y429</a>	GPAY	332740288611.00	23-11-2023
23	12-03-2023 10:48	23071427@yccc.in	Mr.	KARAN SURESH UMREDKAR	karansh10045@gmail.com	7820342647	7820342647	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=18vH51eOCv8v0c05a0L4Y429">https://drive.google.com/open?id=18vH51eOCv8v0c05a0L4Y429</a>	Phone pay	72312031048551247201023	12-03-2023
24	11-23-2023 12:47:05	23070727@yccc.in	Ms.	KHUSHI AJAY THOTE	23070727@yccc.in	8408877572	8408877572	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1H88v8R4R8v0c05a0L4Y429">https://drive.google.com/open?id=1H88v8R4R8v0c05a0L4Y429</a>	Other	332712410115.00	23-11-2023
25	11-11-2023 18:04:12	23070541@yccc.in	Ms.	KRISHIKA MADAN	23070541@yccc.in	9096584747	9096584747	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1NAJ8S1Lg2M5v0c05a0L4Y429">https://drive.google.com/open?id=1NAJ8S1Lg2M5v0c05a0L4Y429</a>	Other	33151783021.00	11-11-2023
26	12-02-2023 23:31	zunipelliwarkhatri@gmail.com	Ms.	KSHRUTI ZUNIPELLIWAR	zunipelliwarkhatri@gmail.com	9529397889	9529397889	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1B2n44-1c332p0N4c05a0L4Y429">https://drive.google.com/open?id=1B2n44-1c332p0N4c05a0L4Y429</a>	Phone pay	723120223011004538868	12-02-2023
27	11-18-2023 11:10:59	23071503@yccc.in	Ms.	MAHAK MOKHALGAYA	23071503@yccc.in	8962799436	8962799436	Student	YESHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Rs. 100)	<a href="https://drive.google.com/open?id=1WZ8le0cUNe84x1u13M1YdL8e88ck">https://drive.google.com/open?id=1WZ8le0cUNe84x1u13M1YdL8e88ck</a>	GPAY	332206418501.00	18-11-2023

*H.V.*  
Dr. H. V. Gamis



80	12-1-2023 20:37:38	saranggutekar3@gmail.com	Mr.	BARANG GULDEOKAR	saranggutekar3@gmail.com	8446307418	8446307418	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1BY9_n0a3L3M7FVU2FC18r2e6wY2Z2m	GPAY	saranggutekar3@gmail.com	01-12-2023
81	11-16-2023 11:18:30	23070712@yco.in	Mr.	BARANSH CHAVAN	23070712@yco.in	8788735504	8788735504	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1U85DMY7xv1MUV9v8m7A1u8r7u6v1v1	GPAY	86866585410.00	16-11-2023
82	11-23-2023 14:18:30	satyamahade2003@gmail.com	Mr.	SATYAM HARIDAS SHENDE	satyamahade2003@gmail.com	8999133251	8999133251	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=16699d8fM6a33504p70C4x0m7p70g	GPAY	337740268611.00	23-11-2023
83	11-18-2023 14:18:02	23071071@yco.in	Mr.	SAURAV BHARAD KRUSHNAPURE	23071071@yco.in	8308408680	8308131434	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=109v7E8hW778E4g_Du_G0M8gg0T0_G	GPAY	33221628083.00	18-11-2023
84	12-1-2023 14:12:33	23070320@yco.in	Other	BEJAL GAMBHARE	kggabeha11@gmail.com	8448014518	8448014518	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=10L7386f8j0a1034E182708f481e1e8f	GPAY	01AG4EX-yrfg	01-12-2023
85	11-23-2023 11:20:18	23070806@yco.in	Ms.	SHADHAVI SHAMDHAPKAR	23070806@yco.in	7397823140	7397823140	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1U073K5LUDMYA1A1u8r7u6v1v1	GPAY	33779932366.00	23-11-2023
86	12-03-2023 18:07	23070583@yco.in	Ms.	BHAMBHAVI GOVINDA KRISHNAN	23070583@yco.in	8080943115	8080943115	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1U073K5LUDMYA1A1u8r7u6v1v1	GPAY	337794327783.00	03-12-2023
87	11-10-2023 22:55:37	23071176@yco.in	Mr.	SHANTANU MAHESH KAPKAR	23071176@yco.in	8459726751	8459726751	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1U073K5LUDMYA1A1u8r7u6v1v1	Other	FMPB54280582	10-11-2023
88	12-04-2023 12:48	23070020@yco.in	Mr.	SHIVAM NITIN SALVE	shvamsalve@rediffmail.com	9028048082	9028048082	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1U073K5LUDMYA1A1u8r7u6v1v1	Other	FMPB540368803	12-04-2023
89	12-03-2023 09:58	23070811@yco.in	Ms.	SHIVANI BHAMBHAR WANKHEDE	23070811@yco.in	9422841784	9422841784	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1U073K5LUDMYA1A1u8r7u6v1v1	GPAY	337703065345.00	12-03-2023
90	11-23-2023 12:38:58	23070963@yco.in	Ms.	SHREYA PRAKASH HEDAO	23070963@yco.in	7058186250	7058186250	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1U073K5LUDMYA1A1u8r7u6v1v1	Other	FMPB562350100	23-11-2023
91	12-02-2023 21:50	23070007@yco.in	Ms.	SHREYA THAKUR	shreyathakur26@gmail.com	7982826331	7982826331	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1U073K5LUDMYA1A1u8r7u6v1v1	GPAY	shreyathakur26@gmail.com	12-02-2023
92	12-2-2023 1:17:02	shudhkayande04@gmail.com	Ms.	SHRUTI RAJESH KAYANDE	shudhkayande04@gmail.com	7276321887	7276321887	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1U073K5LUDMYA1A1u8r7u6v1v1	Phone pay	7276321887@yco	01-12-2023
93	11-23-2023 22:49:09	123sneha.pal@gmail.com	Ms.	SNEHA PAL	123sneha.pal@gmail.com	8999807554	8999807554	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=14UL89d8ENa8e8f0Y4n1u8r7u6v1v1	GPAY	123sneha.pal@gmail.com	23-11-2023
94	12-03-2023 15:08	23071206@yco.in	Ms.	SNEHAL PARATE	23071206@yco.in	7248231858	7248231858	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1U073K5LUDMYA1A1u8r7u6v1v1	GPAY	snehalparate03@yco	12-03-2023
95	11-20-2023 11:00:52	23071156@yco.in	Ms.	BRILLIANI BANJAY ZANZAD	23071156@yco.in	884981933	884981933	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1B3VJL1N78h8t0G_It_n_e0M8E184r	Phone pay	7231209944298422747005	20-11-2023
96	11-25-2023 22:23:32	23070900@yco.in	Mr.	SILJAL KALMEGH	23070900@yco.in	8272012074	8272012074	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1A8nt8D24A8E184Y0v4Y7372QW	GPAY	368518971840.00	25-11-2023
97	11-8-2023 20:38:10	tanushrikulay08@gmail.com	Ms.	TANUSHREE RAMESHWAR LIKEY	tanushrikulay08@gmail.com	8370779773	8370779773	Student	YBISHWANTRAO CHAVHAN COLLEGE OF ENGINEERING, NAGPUR	Nagpur	Maharashtra	India	Student (Fta 100)	https://drive.google.com/open?id=1Y188eVv8e0u32f13f8n1ag0MUJWQ0	GPAY	33125883117.00	08-11-2023
													7700				

Di. H. V. Gannikar





Nagar Yuwak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering**  
(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongari, Nagpur-441110

NAAC Accredited with 'A++' Grade

Ph. : 07104- 295083, 295085

Website : www.ycce.edu , Email : principal@ycce.edu

Ref No: YCCE /Admin/2022-23/

Date:- 02.09.2023

**NOTICE**

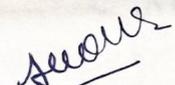
This is to inform all that a workshop is organized on "Drafting Skills", for all non teaching staff of Meghe Group of Institutions on 02.09.2023 at Seminar Hall, Civil Building YCCE, Wanadongri, Nagpur. All Administrative Officers of respective colleges are required to depute non teaching staff members for this workshop.

**: Schedule :**

**Date: 02.09.2023**

**Venue: Seminar Hall, Civil Building, YCCE.**

**Trainer: Dr. Arvinder Kour**

  
(Dr. Arvinder Kour)  
Convenor

  
(Dr. Malabika Adak)  
HoD  
Head, Department of  
Mathematics and Humanities  
Yashwantrao Chavan College  
of Engineering, Nagpur

  
(Chetan Wazalwar)  
CAO

Copy to - The Principal DMAMCHR, DMCON, DMCOP, NCP, DMIMS



Nagar Yuwak Shikshan Sanstha's

# Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

## REPORT ON WORKSHOP ORGANISED FOR NON TEACHING STAFF MEMBERS

The Workshop for Non Teaching Staff Members of Meghe Group was organized on 2<sup>nd</sup> September, 2023 at Seminar Hall, Civil Building YCCE, Nagpur

Total 22 Staff Members attended the workshop from Yeshwantrao Chavan College of Engineering, Datta Meghe Institute of Management Studies, Datta Meghe Ayurvedic College Hospital and Research Centre, Nagpur College of Pharmacy, Datta Meghe College of Physiotherapy. The attendance sheet is attached herewith.

*In this Training the following Modules under the topic Drafting Skills were Covered :*

- Introduction to Drafting
- Clarity and Conciseness
- Grammar and Punctuation
- Document Formatting
- Practice Exercises

Participants were greatly benefitted from this workshop.

Photographs and Feedback is attached herewith

*Arvinder Kour*

Dr. Arvinder Kour

Convenor of the program



Nagar YuwakShikshanSanstha's

# YeshwantraoChavan College of Engineering

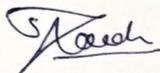
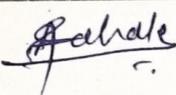
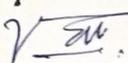
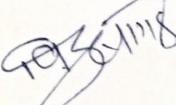
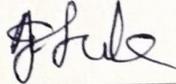
(An Autonomous Institution affiliated to RashtrasantTukadojiMaharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

## SDP HELD FOR NON TEACHING STAFF OF MGI ON 2<sup>ND</sup> SEPTEMBER, 2023 AT YCCE, NAGPUR

### ATTENDANCE SHEET

Sr. No.	Name of the Staff	Designation	Institute	Contact No.	Signature
1)	K. D. Kaulshwar	clerk	MBA	8407926842	
2)	Nilesh Raut	Lab. Asst.	MBA(DPTMS)	9673338298	
3)	Pooja Kolhe	Lab. tech	<del>PHO</del> NCP	9637115566	
4)	Jyoti Lihare	Lab. tech	NCP.	8268069404	
5)	Shobant Chavhan	clerk	YCCE FYC	9823803281	
6)	Maheshwari H. Meshram	Trainer	ETC	9130516926	
7)	Nita D. Raut	clerk & Tech Assist.	YCCE, IT	9370728146	
8)	Achal C. Ukey	Lab Tech.	DMACHRC	9823103109	
9)	Divya S. Rakshit	Lab Tech	DMACHRC	7507271463	
10)	Dareshana Murekha	clerk	DMACHRC	8805745038	

Sr. No.	Name of the Staff	Designation	Institute	Contact No.	Signature
11.	Tabassum Sheikh	Clerk	DMCOP	9834325845	
12	Madhuri Rajankar	s/clerk	DMCOP	8421912860	
13	Shital D. Tadewkar	Librarian	DMCOP	9545794479	
14	Amit. G. Meshram	Clerk	DMACHRC	9172643389	
15	Mitin G. Meshram	Clerk	DMACHRC	9260268769	
16	Amit S. Danak	Clerk	DMACHRC	8380889060	
17.	Mitin R. Tulhoo	Estab clerk C	~ ~ ~	8888409565	
18	Vinod S. Koskar	Clerk	YCEE ETC	9511727463	
19	Rishor Chenu	Supervisor	DMCOP	9188881309	
20	Kiran Bagde	Tech Assistant	YCEE ET	9527456399	
21.	Mrs. P. J. Deshmukh	se. clerk.	YCEE	8550931444	
22	Anjali Fule	Asst Lib.	MBA	9822112107	

# FEEDBACK FORM

Presentation on Drafting Skill by Dr. Arvinder Kour on 1-9-2023

Name: Pooja S. Kolhe

Designation: Lab. tech.

Institute: Nagpur college of Pharmacy

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
CONTENT		
	Whether you understood the presentation	5
	Whether training session was interesting	5
STRUCTURE		
	Whether trainer caught your attention	4
	Whether trainer were enthusiastic about the subject	5
	Whether you liked the presentation skill of trainer	5
OVERALL		
	Whether you are satisfied with the trainer	5
	Whether your questions were answered properly	5
Suggestion :		

# FEEDBACK FORM

Presentation on Drafting Skill by Dr. Arvinder Kour on 1-9-2023

Name: Alvin R. Jaulhe

Designation: Estab Clerk

Institute: Datta Meghe Ayurvedic Medical College

Please rate the following on 1-5 scale (1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
CONTENT		
	Whether you understood the presentation	05
	Whether training session was interesting	05
STRUCTURE		
	Whether trainer caught your attention	05
	Whether trainer were enthusiastic about the subject	05
	Whether you liked the presentation skill of trainer	05
OVERALL		
	Whether you are satisfied with the trainer	05
	Whether your questions were answered properly	05
Suggestion :		

Jaulhe

# FEEDBACK FORM

Presentation on Drafting Skill by **Dr. Arvinder Kour** on 1-9-2023

Name: Amil Meshram

Designation: clerk

Institute: DMAMCHRC

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
CONTENT		
	Whether you understood the presentation	08
	Whether training session was interesting	06
STRUCTURE		
	Whether trainer caught your attention	07
	Whether trainer were enthusiastic about the subject	
	Whether you liked the presentation skill of trainer	08
OVERALL		
	Whether you are satisfied with the trainer	09
	Whether your questions were answered properly	08
Suggestion :		



Signature

Signature

**FEEDBACK FORM**

Presentation on Drafting Skill by **Dr. Arvinder Kour** on **1-9-2023**

Name: Wishar Channe

Designation: V. Supervisor

Institute: DMCOIP

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
<b>CONTENT</b>		
	Whether you understood the presentation	5
	Whether training session was interesting	5
<b>STRUCTURE</b>		
	Whether trainer caught your attention	5
	Whether trainer were enthusiastic about the subject	5
	Whether you liked the presentation skill of trainer	5
<b>OVERALL</b>		
	Whether you are satisfied with the trainer	5
	Whether your questions were answered properly	5
Suggestion :		

**FEEDBACK FORM**

Presentation on Drafting Skill by Dr. Arvinder Kour on 1-9-2023

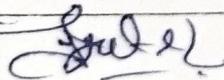
Name: Ms. P. J. Dghmeel

Designation: gc. clerk

Institute: yec E

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
CONTENT		
	Whether you understood the presentation	4
	Whether training session was interesting	4
STRUCTURE		
	Whether trainer caught your attention	5
	Whether trainer were enthusiastic about the subject	4
	Whether you liked the presentation skill of trainer	4
OVERALL		
	Whether you are satisfied with the trainer	5
	Whether your questions were answered properly	4
Suggestion :		



Signature

### FEEDBACK FORM

Presentation on Drafting Skill by Dr. Arvinder Kour on 1-9-2023

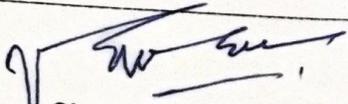
Name: Vinod Kosare

Designation: clerk

Institute: YCCE ETC

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
CONTENT		
	Whether you understood the presentation	5
	Whether training session was interesting	5
STRUCTURE		
	Whether trainer caught your attention	5
	Whether trainer were enthusiastic about the subject	5
	Whether you liked the presentation skill of trainer	5
OVERALL		
	Whether you are satisfied with the trainer	5
	Whether your questions were answered properly	5
Suggestion :		

  
Signature

Presentation on Drafting Skill by Dr. Arvinder Kour on 1-9-2023

Name: Nitin G. Purohit

Designation: Store Clerk

Institute: DMACHAC.

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
CONTENT		
	Whether you understood the presentation	5
	Whether training session was interesting	5
STRUCTURE		
	Whether trainer caught your attention	5
	Whether trainer were enthusiastic about the subject	5
	Whether you liked the presentation skill of trainer	5
OVERALL		
	Whether you are satisfied with the trainer	5
	Whether your questions were answered properly	5
Suggestion: <u>Need one more training.</u>		

**FEEDBACK FORM**

Presentation on Drafting Skill by **Dr. Arvinder Kour on 1-9-2023**

Name: Amit S. Dahale

Designation: Schol. clerk

Institute: DMA (HRC (Ayurvedic college))

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
<b>CONTENT</b>		
	Whether you understood the presentation	5
	Whether training session was interesting	5
<b>STRUCTURE</b>		
	Whether trainer caught your attention	5
	Whether trainer were enthusiastic about the subject	5
	Whether you liked the presentation skill of trainer	5
<b>OVERALL</b>		
	Whether you are satisfied with the trainer	5
	Whether your questions were answered properly	5
Suggestion: <u>Needs one more time training session.</u>		

Dahale  
Signature

## FEEDBACK FORM

Presentation on Drafting Skill by **Dr. Arvinder Kour on 1-9-2023**

Name: Nilesh P. Raut

Designation: Ldb. Asst.

Institute: DMIMS (MBA)

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
CONTENT		
	Whether you understood the presentation	5
	Whether training session was interesting	5
STRUCTURE		
	Whether trainer caught your attention	5
	Whether trainer were enthusiastic about the subject	4
	Whether you liked the presentation skill of trainer	5
OVERALL		
	Whether you are satisfied with the trainer	5
	Whether your questions were answered properly	5
Suggestion :		

  
Signature

Presentation on Drafting Skill by Dr. Arvinder Kour on 1-9-2023

Name: Kishor J. Kavishwar

Designation: clerk

Institute: JMIMS (MBA)

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
CONTENT		
	Whether you understood the presentation	4
	Whether training session was interesting	4
STRUCTURE		
	Whether trainer caught your attention	5
	Whether trainer were enthusiastic about the subject	4
	Whether you liked the presentation skill of trainer	4
OVERALL		
	Whether you are satisfied with the trainer	5
	Whether your questions were answered properly	4
Suggestion :		

K. Kavishwar

## FEEDBACK FORM

Presentation on Drafting Skill by **Dr. Arvinder Kour on 1-9-2023**

Name: Shruvant S. Shrivastava

Designation: Clerk

Institute: Yeshwantrao Charan College of Engineering (FYC)

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
CONTENT		
	Whether you understood the presentation	5
	Whether training session was interesting	5
STRUCTURE		
	Whether trainer caught your attention	5
	Whether trainer were enthusiastic about the subject	5
	Whether you liked the presentation skill of trainer	5
OVERALL		
	Whether you are satisfied with the trainer	5
	Whether your questions were answered properly	5
Suggestion :		

  
Signature

FEEDBACK FORM

## FEEDBACK FORM

Presentation on Drafting Skill by Dr. Arvinder Kour on 1-9-2023

Name: Maaheshwari Harichandra Meshram

Designation: Lab Assistance

Institute: YCCCE

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
CONTENT		
	Whether you understood the presentation	4
	Whether training session was interesting	5
STRUCTURE		
	Whether trainer caught your attention	5
	Whether trainer were enthusiastic about the subject	4
	Whether you liked the presentation skill of trainer	5
OVERALL		
	Whether you are satisfied with the trainer	5
	Whether your questions were answered properly	4
Suggestion :		

Maaheshwari  
Signature

Signature

### FEEDBACK FORM

Presentation on Drafting Skill by **Dr. Arvinder Kour** on 1-9-2023

Name: Daashana Mazotkar

Designation: clerk

Institute : DMAMCHRE

Please rate the following on 1- 5 scale ( 1- Poor, 2- Average, 3- Ok, 4- good, 5- Excellent)

Sr. N	Question	Ranking
CONTENT		
	Whether you understood the presentation	4
	Whether training session was interesting	4
STRUCTURE		
	Whether trainer caught your attention	4
	Whether trainer were enthusiastic about the subject	5
	Whether you liked the presentation skill of trainer	5
OVERALL		
	Whether you are satisfied with the trainer	4
	Whether your questions were answered properly	5
Suggestion :		

Daashana Mazotkar



