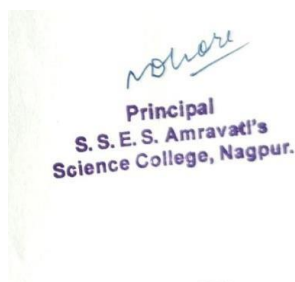


**On Job Training Report**  
SSESA's, Science College, Congress Nagar, Nagpur  
Department of Chemistry  
2023-24

**NOTICE**

All the students of M. Sc. (Chemistry) Semester – II are hereby informed that, they should join for internship for the project of **On Job Training (OJT)** required attendance of 120 Hours as per the NEP Scheme.



*Notare*  
Principal  
S. S. E. S. Amravati's  
Science College, Nagpur.

**Action Taken Report**

- i) Allot the research project title as per the NEP scheme based on Cloud Computing and Machine Learning.
- ii) Join Internship for OJT.
- iii) To aware the environment of corporate sector.
- iv) To give the knowledge of software development.

10:50

0.00 KB/S 4G 67



Shubhangi k... 15 Mar  
to snehadandekar



Thank you for your kind acceptance.

----- Forwarded message -----

From: **sneha dandekar**

<[snehadandekar@students.vnit.ac.in](mailto:snehadandekar@students.vnit.ac.in)>

Date: Fri, 15 Mar 2024, 6:36 pm

Subject: Re: For OJT (list of Students)

To: Shubhangi kene <[kenephd2017@gmail.com](mailto:kenephd2017@gmail.com)>

Cc: Dilip Peshwe <[peshwedilip1@gmail.com](mailto:peshwedilip1@gmail.com)>, Dr. R.U. Khope <[khopeyru@gmail.com](mailto:khopeyru@gmail.com)>

Dear Ma'am

We confirm the OJT of your students from Monday from 12.00 pm onwards.

We will be covering the techniques like SEM, FESEM, FTIR, TGDTA, XRD, Raman, Creep, Small Punch Creep and Fatigue.

Thank you

Kind regards

Sneha Dandekar  
DST Inspire Fellow,



Reply



10:52

2.00 KB/S 4G+ 67



To: Shubhangi kene <[kenephd2017@gmail.com](mailto:kenephd2017@gmail.com)>  
Cc: Dilip Peshwe <[peshwedilip1@gmail.com](mailto:peshwedilip1@gmail.com)>, Dr. R.U. Khope <[khopeyru@gmail.com](mailto:khopeyru@gmail.com)>

Dear Ma'am

We confirm the OJT of your students from Monday from 12.00 pm onwards.

We will be covering the techniques like SEM, FESEM, FTIR, TGDTA, XRD, Raman, Creep, Small Punch Creep and Fatigue.

Thank you

Kind regards

Sneha Dandekar  
DST Inspire Fellow,  
VNIT, Nagpur

On Fri, Mar 15, 2024, 2:23 PM Shubhangi kene <[kenephd2017@gmail.com](mailto:kenephd2017@gmail.com)> wrote:

Dear Ma'am,  
thank you for considering our students .  
and the list of students is given as below:-

**Science College, Congress  
Nagar, Nagpur**

MSc Chemistry I Sem(I Year)



Reply



10:54



0.17 KB/s 4G 66



Re: On job training Inbox



← Dilip Pesh... 15 Mar



to me, R.U. ▾

Dear Ma'am,

Thank you for considering our institute for OJT. But before confirming I would like to know the number of students along with their names who will be there for the training.

For further correspondence please contact Sneha Dandekar- [snehadandekar@students.vnit.ac.in](mailto:snehadandekar@students.vnit.ac.in)

Thank You

Kind Regards

Prof. Dilip Peshwe  
HOD-MME,  
VNIT,  
Nagpur  
Ex-Expert Member (TET),  
KVIC.

On Thu, Mar 14, 2024 at 10:00 PM Shubhangi kene



↩ ▾ Reply all



10:57

0.14 KB/S 4G 66



----- Forwarded message -----

From: **Shubhangi kene** <[kenephd2017@gmail.com](mailto:kenephd2017@gmail.com)>

Date: Thu, 14 Mar 2024, 9:06 pm

Subject: Fwd: On job training

To: <[dilippeshwe@mme.vnit.ac](mailto:dilippeshwe@mme.vnit.ac)>

Cc: Dr. R.U. Khope <[khopeyru@gmail.com](mailto:khopeyru@gmail.com)>

----- Forwarded message -----

From: **Shubhangi kene** <[kenephd2017@gmail.com](mailto:kenephd2017@gmail.com)>

Date: Thu, 14 Mar 2024, 12:15 pm

Subject: On job training

To: <[dilippeshwe@mme.vnit.ac](mailto:dilippeshwe@mme.vnit.ac)>

To,

Prof. Peshve

V.N.I.T., Nagpur.

Respected Sir,

As per the University directions P.G. Students have to complete **On Job Training** of minimum 120 hrs. Our students are interested to complete their training programme in your esteemed Institute. Kindly give the consent and oblige.

For correspondence Dr. S.J.Kene, mail Id:- [kenephd2017@gmail.com](mailto:kenephd2017@gmail.com)

Thanking you.



Reply

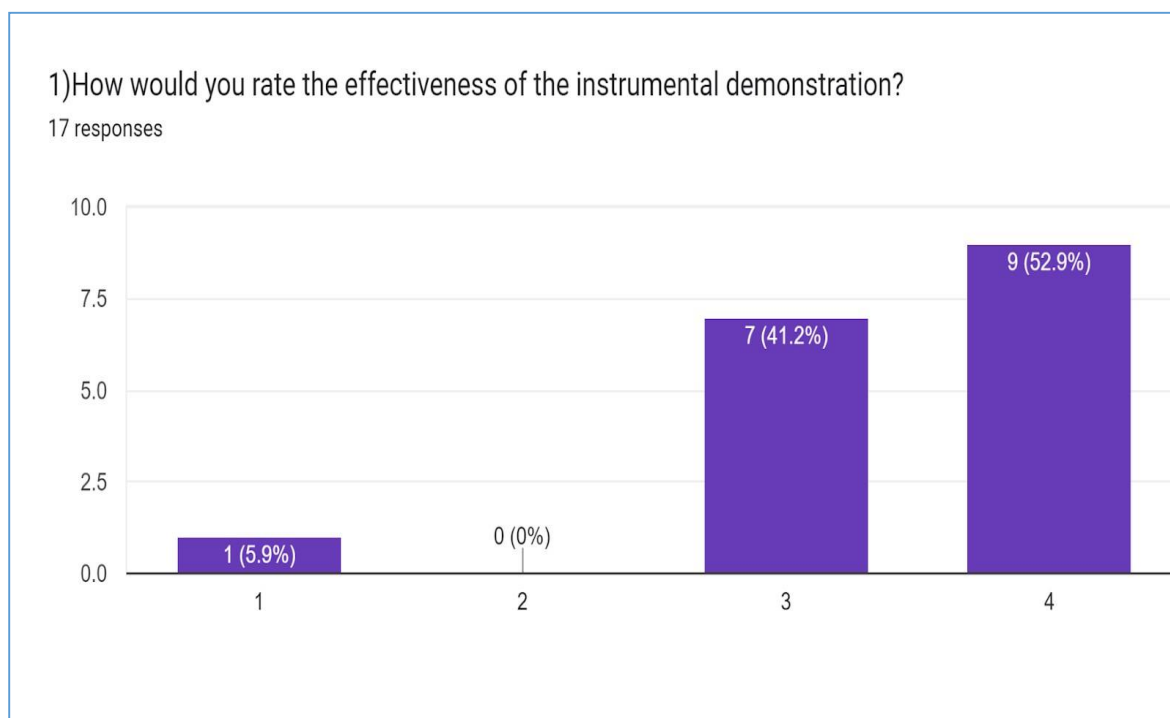


# Feedback and Action Taken

## Action Taken Report

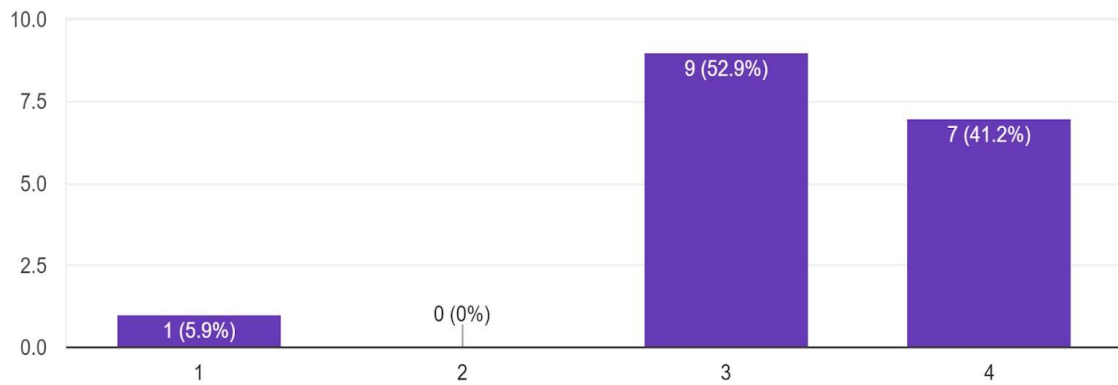
Total 17 students were benefitted by this **On Job Training**. The students have worked as On Job Training entitled “**Demonstration of Instrumentation**” In Visvesvaraya National Institute of Technology, Nagpur, Under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. Students are trained to handle the instruments like XRD, FT-IR, SEM, FESEM, TGDTA etc. Students are satisfied by this training. In future students would like to join this Institute for more development.

## Feedback



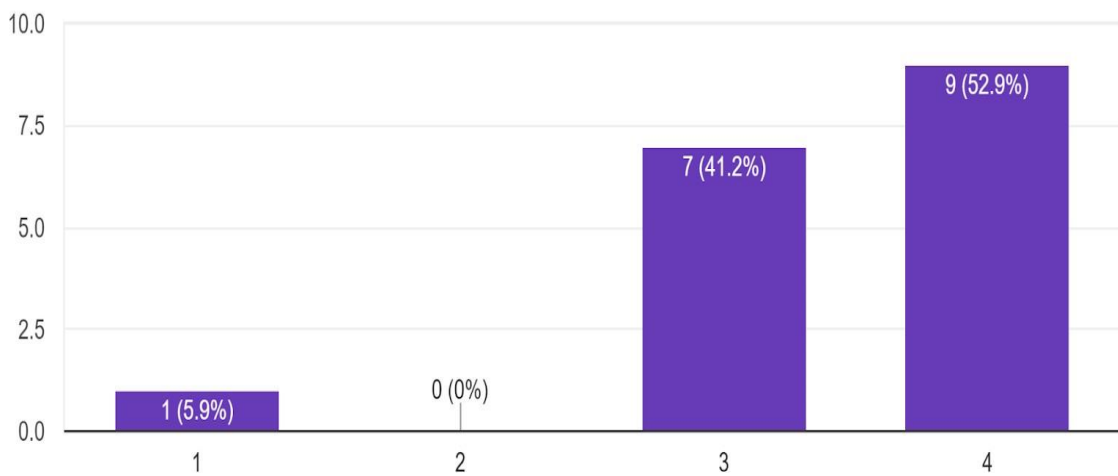
2)Did you feel adequately trained and prepared for your tasks?

17 responses



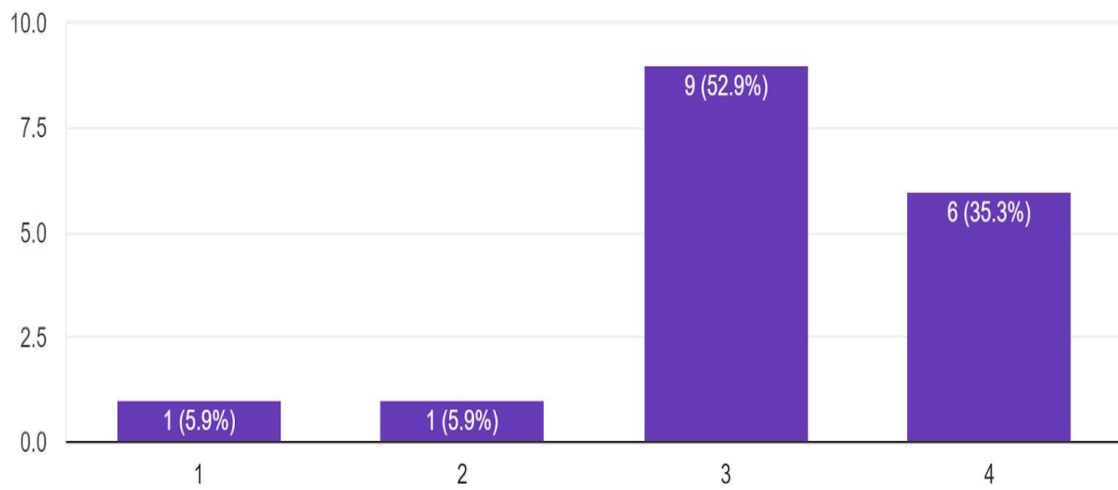
3)How would you describe the institute Environment and culture?

17 responses



#### 4) Were your tasks and responsibilities clear and well defined?

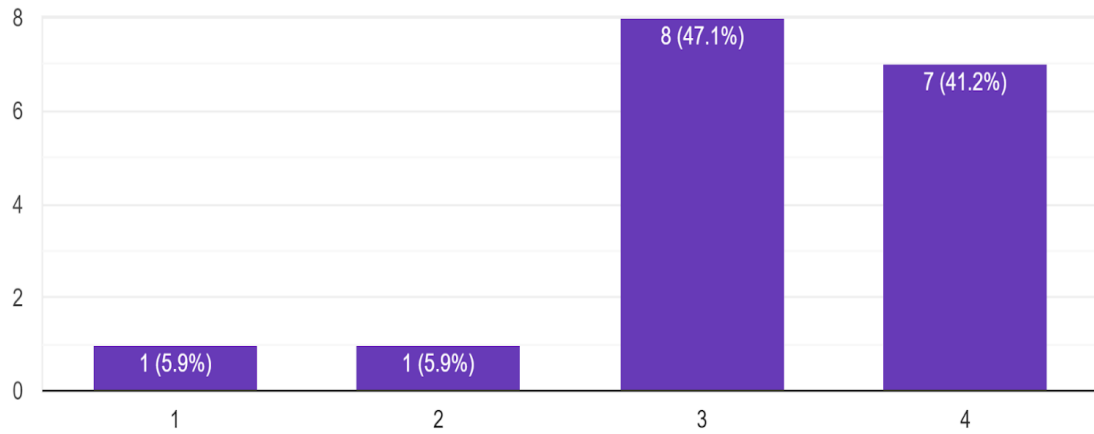
17 responses





5) How relevant were the skills to your career goals?

17 responses



**Shivaji Science College, Congress Nagar, Nagpur**

MSc Chemistry II Sem (I Year)

This is to certify that following students of M.Sc. sem II (Chemistry) have successfully completed On Job Training Program on **Demonstration of Instrumentation** for session 2023-24 at Department of Metallurgical and Material Engineering Visvesvaraya National Institute of Technology, Nagpur for duration of 120Hrs.



Head of Department

Shivaji Science College, Nagpur





धातुकी एवं पदार्थ अभियांत्रिकी विभाग  
विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान  
नागपुर - ४४० ०१० (भारत)

**Department of Metallurgical & Materials Engineering**  
Visvesvaraya National Institute of Technology  
Nagpur - 440 010 (India)

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MME Office +91(0712) 2801284  
Email head@mme.vnit.ac.in

**CERTIFICATE**

This is to certify that.....**Ku. Aafreen Nigar Ansari**.....has worked as on-job trainee entitled "**Demonstration of Instrumentation**", in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.



Course Co-ordinator & HOD

Professor & Head  
Department of Metallurgical Engineering  
Visvesvaraya National Institute of Technology  
NAGPUR-440 011





धातुकी एवं पदार्थ अभियांत्रिकी विभाग

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MME Office +91(0712) 2801284  
Email head@mme.vnit.ac.in

## CERTIFICATE

This is to certify that... **KU. Gauri Pradip Nasare** .....has worked as on-job trainee entitled "**Demonstration of Instrumentation**", in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.

Course Co-ordinator & HOD

Professor & Head  
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## CERTIFICATE

This is to certify that..... Ku. Janvi Umesh Fating.....has worked as on-job trainee entitled "**Demonstration of Instrumentation**", in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.



*Dilip Peshwe*

Course Co-ordinator & HOD

Professor & Head  
Department of Metallurgical Engineering  
Visvesvaraya National Institute of Technology,  
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## CERTIFICATE

This is to certify that.....**KHUSHBU S. CHILBULE**.....has worked as on-job trainee entitled “**Demonstration of Instrumentation**”, in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.



Course Co-ordinator & HOD

Professor & Head  
Department of Metallurgical Engineering  
Visvesvaraya National Institute of Technology,  
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Email head@mme.vnit.ac.in

## CERTIFICATE

This is to certify that **Ku. Mahek Dineshrao Shinde**.....has worked as on-job trainee entitled "Demonstration of Instrumentation", in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.

Course Co-ordinator & HOD

Professor & Head

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Visvesvaraya National Institute of Technology

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HoD (MME) +91(0712) 2801324  
MME Office +91(0712) 2801284  
Email head@mme.vnit.ac.in

## CERTIFICATE

This is to certify that..... **Ku. Muskan Satendra Kumbhare** .....has worked as on-job trainee entitled "**Demonstration of Instrumentation**", in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.

Course Co-ordinator & HOD

Professor & Head  
Department of Metallurgical Engineering  
Visvesvaraya National Institute of Technology  
NAGPUR-440 010



धातुकी एवं पदार्थ अभियांत्रिकी विभाग  
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MME Office +91(0712) 2801284  
Email head@mme.vnit.ac.in

## CERTIFICATE

This is to certify that report on "Demonstration of Instrumentation"

### CERTIFICATE

Submitted by Ku. Nidhi Radheshyam Gupta as a part of on-job training in  
partial fulfillment of the requirement of the degree of Master of Science in  
Chemistry, S.S.S. Am's Science College, RTM Nagpur University.

This is to certify that **Ku. Nidhi Radheshyam Gupta** has worked as on-  
job trainee entitled "**Demonstration of Instrumentation**", in Visvesvaraya  
National Institute of Technology, Nagpur under the supervision of Prof. Dilip  
Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours  
during this tenure.

Course Co-ordinator & HOD

Professor & Head  
Department of Metallurgical Engineering  
Visvesvaraya National Institute of Technology  
NAGPUR-440 010



Mrs. Shubhangi Jagdish Kene  
Internal Mentor

Department of Chemistry,  
S.S.S. Am's Science College, Nagpur.



धातुकी एव पदार्थ अभियांत्रिकी विभाग

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Visvesvaraya National Institute of Technology

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Email head@mme.vnit.ac.in

## CERTIFICATE

This is to certify that **ku.Nikhita Pandhari Pipare**.....has worked as on-job trainee entitled "Demonstration of Instrumentation", in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.



Course Co-ordinator & HOD

Professor & Head

Department of Metallurgical Engineering

Visvesvaraya National Institute of Technology

NAGPUR-440 011



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Email : head@mme.vnit.ac.in

### CERTIFICATE

This is to certify that..... **Pallavi Param Borkar** .....has worked as on-job trainee entitled "**Demonstration of Instrumentation**", in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.

Course Co-ordinator & HOD

Professor & Head  
Department of Metallurgical Engineering  
Visvesvaraya National Institute of Technology,  
NAGPUR-440 011





धातुकी एवं पदार्थ अभियांत्रिकी विभाग

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**CERTIFICATE**

This is to certify that.....**Ku. PRADNYA ARVIND APTE**.....has worked as on-job trainee entitled "**Demonstration of Instrumentation**", in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.



Course Co-ordinator & HOD

Professor & Head  
Department of Metallurgical Engineering  
Visvesvaraya National Institute of Technology,  
NAGPUR-440 011



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**CERTIFICATE**

This is to certify that...**KU, Pranju Ashok Ambule**.....has worked as on-job trainee entitled "**Demonstration of Instrumentation**", in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.



Course Co-ordinator & HOD

Professor & Head  
Department of Metallurgical Engineering  
Visvesvaraya National Institute of Technology  
NAGPUR-440 011



धातुकी एवं पदार्थ अभियांत्रिकी विभाग

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MME Office +91(0712) 2801284  
Email head@mme.vnit.ac.in

## CERTIFICATE

This is to certify that..... **Ku. Rohita Vishnu Pardhi** .....<sup>\*\*\* Section Break(Next Page)\*\*\*</sup> has worked as on-  
job trainee entitled "**Demonstration of Instrumentation**", in Visvesvaraya  
National Institute of Technology, Nagpur under the supervision of Prof. Dilip  
Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours  
during this tenure.



Course Co-ordinator & HOD

Professor & Head  
Department of Metallurgical Engineering  
Visvesvaraya National Institute of Technology  
NAGPUR-440 011



धातुकी एव पदार्थ अभियांत्रिकी विभाग

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MME Office +91(0712) 2801284  
Email head@mmme.vnit.ac.in

### CERTIFICATE

This is to certify that **ku.Sejal Subhash Thenge**.....has worked as on-job trainee entitled "Demonstration of Instrumentation", in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.

Course Co-ordinator & HOD

Professor & Head  
Department of Metallurgical Engineering  
Visvesvaraya National Institute of Technology  
Nagpur-440 010





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नागपुर - ४४० ०१० (भारत)

Department of Metallurgical & Materials Engineering

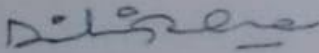
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## CERTIFICATE

This is to certify that **KU.Shababat Irfan.Khan**.....has worked as on-job trainee entitled "**Demonstration of Instrumentation**", in Visvesvaraya National Institute of Technology, Nagpur under the supervision of Prof. Dilip Peshwe from 18<sup>th</sup> to 30<sup>th</sup> March 2024. He/She worked for not less than 120 hours during this tenure.



Course Co-ordinator & HOD

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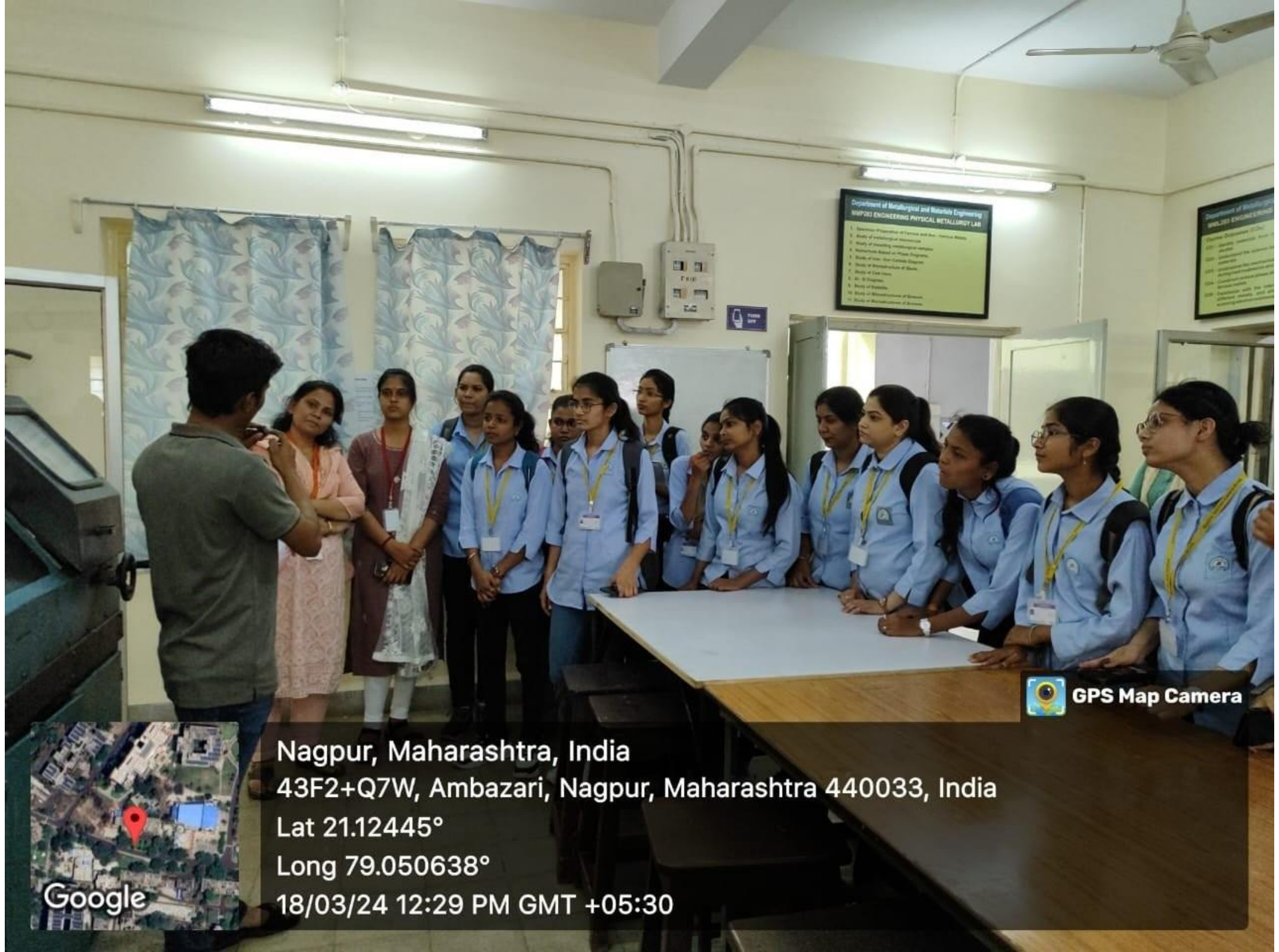
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- 3. Study of Metallurgical Investigation
- 4. Nondestructive Based on X-Ray Diffraction
- 5. Study of Heat - Treat Cycle Diagram
- 6. Study of Microstructure of Steels
- 7. Study of Cast Irons
- 8. Al - Si Diagram
- 9. Study of Alloys
- 10. Study of Microstructure of Steels
- 11. Study of Microstructure of Steels

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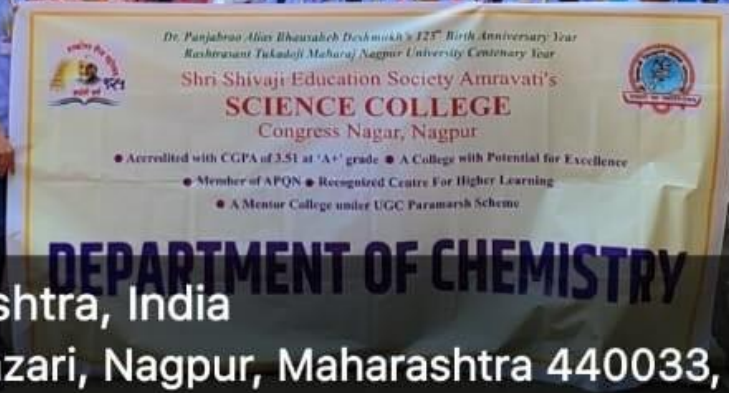



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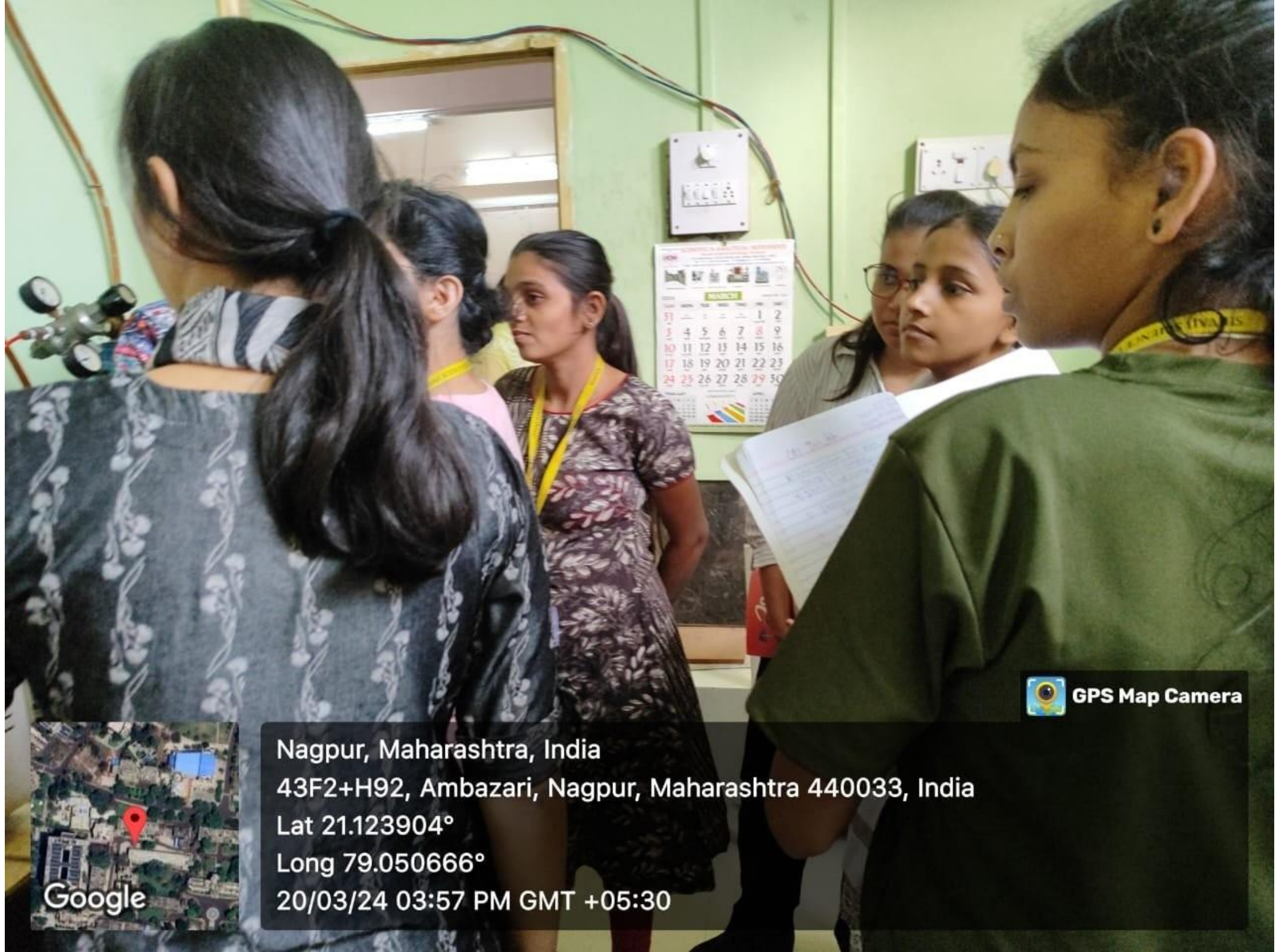



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