CONTENT

Criteria: 7.2.1

Criteria Detail: Describe two best practices successfully implemented by the institution as per NAAC format provided in the Manual.

Sr. No.	Particulars	Annexure No.
1	Best Practices - 1 • Appreciation Letters • Event Report with Photographs • Geotagged Photographs	**Annexure 1**
2	Best Practices – 2 • Event Report with Photographs • Sample Certificate	**Annexure 2**

Annexure - I

Best Practice – 1

BEST PRACTICE – I

1. Title of Practice: Encouraging Blood Donation through Regular and On-Call Drives

2. Objectives of the Practice: Tula's Institute is dedicated to shaping the next generation into socially responsible citizens. In response to the multiple social challenges the world faces today—such as climate change, public health crises, and discrimination, Tula's Institute emphasizes civic responsibilities, including cleanliness, road safety, and blood donation. Blood donation is a key practice through which Tula's Institute aims to develop empathy and community engagement among its students, inspiring them to actively contribute to the betterment of society.

3. The Context: Participation in social activities has shown to increase students' motivation to continue their education, while building confidence in their social competencies. Blood donation, a vital social act, promotes empathy and responsibility. Through this practice, students are exposed to the importance of giving back to the community. It is intended that such practices will not only inspire students to act as responsible citizens but also to address community-level issues. By including this practice in their educational journey, the students learn to be empathetic and socially aware citizens.

4. Practice: This initiative focuses on fostering empathy and understanding for others through blood donation. By learning the importance of the principles of voluntary blood donation, students enhance their self-awareness and social consciousness. The primary goal is to raise awareness and encourage regular blood donation within the community through frequent donation drives and on-call blood donation opportunities.

5. Evidence of Success: Tula's Institute has received positive recognition and appreciation for this initiative from prominent organizations such as the IMA Blood Bank, the Village Pradhan, and local elected officials. The success of this practice is reflected in the growing number of students participating in these blood donation drives. The increased student involvement, coupled with strong organizational support, has contributed to successful collaboration and synergy, thereby achieving the practice's objectives.

6. Problems Encountered and Resources Required:

- **Geographical Limitations:** The nearest IMA Blood Bank is located at a significant distance from the campus, making logistics challenging.
- **Time Constraints:** Balancing academic work with participation in blood donation and other social activities can be demanding for students.
- **Awareness Issues:** More initiatives are required to raise awareness and motivation among students about the importance of regular blood donation.

Director
Tula's Institute, Dehradun

IMA BLOOD BANK OF UTTARAKHAND

President's Appreciation Award

Presented on the occasion of

National Voluntary Blood Donation Day

on

1st October, 2022

to

Tula's Institute
Dehradun

for valuable contribution to the noble cause of Voluntary Blood Donation Movement

(Dr. Ajay Khanna)
President
IMA Blood Bank Society of Uttarakhand

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

Each day, thousands of people need donated blood and blood products to keep them in good health or allow them to stay alive.
If a person's blood levels fall due to an accident or illness, or if their blood is not functioning properly, there will not be enough oxygen or other nutrients to maintain their vital organs.
Donating whole blood can help these people.
A similar process to whole blood donation is apheresis. This provides other blood components, such as platelets. A donation of platelets can help people who have issues related to clotting. It may also provide antibodies to help fight disease, such as COVID-19.
Giving blood can be a lifesaving action, but it may also have benefits for the donor. In this article, learn about the effects of giving blood.

Objectives of Blood Donation Camp

1. Provide safe and quality blood and blood components collected from voluntary donors, round the clock, at an affordable cost to the general public, and free of cost to the poor. Ensure the safety and quality of blood.
2. To wipe off the scarcity of blood and ensure the availability of safe and quality blood and other blood components, round the clock and throughout the year. This will lead to the alleviation of human suffering, even in the far-flung remote areas in the country

Summary (Press Release)

Tula's Institute, Dehradun, organized a blood donation camp on November 26 2022 in collaboration with NCC and NSS, with joint efforts of IMA Blood Bank, Uttrakhand. The students, faculty, and staff of the college volunteered for this noble cause and about 200 units of blood were collected.
This event was inaugurated by Dr. Raghav Garg, VP of Technology, Dr. Nishant Saxena, Dean of Academics, Dr. Pawan Kumar Chaubey, Registrar, and Dr. Ranit Kishore Dean of Agriculture and Management.
More than 100 students volunteered in donating blood.
The donors were given certificates, refreshments, and gifts after blood donation.
Overall, the drive turned out to be a success wherein all the faculties and students donated

blood with full enthusiasm and courage.

Outcome:

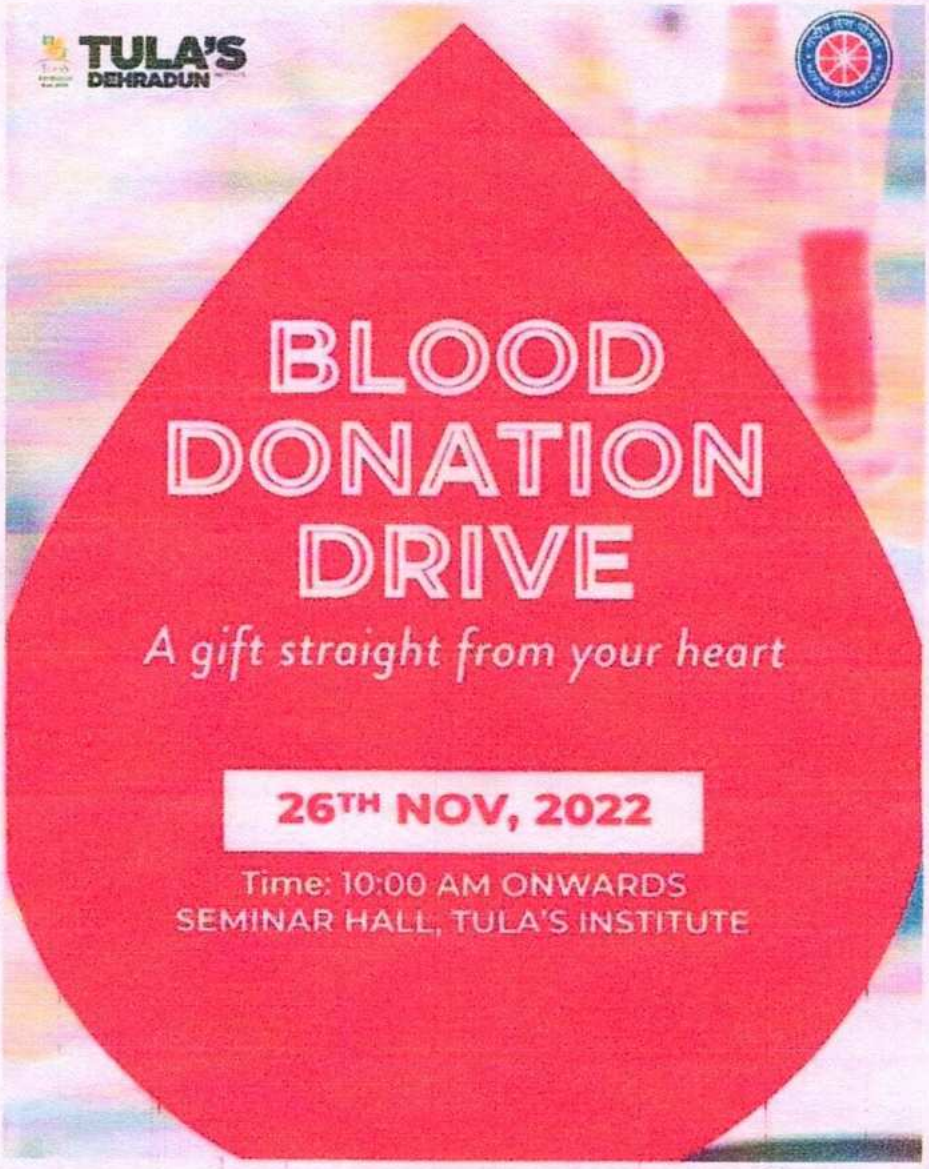
1. **Community Engagement:** Blood donation camps often engage the broader community, including students, faculty, staff, and local residents. By participating

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

Date: 26th November 2022

BLOOD DONATION CAMP AT TULA'S INSTITUTE



Blood Donation Camp at Tula's Institute on 22nd December 2022

Director
Tula's Institute, Dehradun

Importance of Blood Donation

Ref:TI/EC/1122/05

Date:25-11-2022

NOTICE

We are pleased to announce that Tula's Institute is organizing a Blood Donation Drive in collaboration with the IMA blood bank. This noble event aims to contribute to saving lives by encouraging blood donation.

Date: 26th November 2022

Venue: Seminar Hall, Tula's Institute

Time: 10:00 AM

We invite all students and faculty members to participate in this life-saving initiative. Your contribution can make a significant difference to those in need.

Let us come together and make this event a success!

25-11-2022

Director
Tula's Institute, Dehradun

Head
Extension Committee

in the camp, individuals demonstrate solidarity and compassion for those in need, fostering a sense of community and social responsibility.

2. Health Awareness: Blood donation camps also serve as an opportunity to raise awareness about the importance of regular blood donations and the impact they can have on saving lives. Educational materials and discussions at the camp can help dispel myths and misconceptions about blood donation and encourage more people to become regular donors.

3. Promotion of Volunteerism: Organizing and staffing a blood donation camp requires volunteers to assist with various tasks, such as registration, donor screening, and refreshments. Participation in these volunteer roles can promote a sense of civic duty and encourage individuals to engage in future volunteer opportunities within their community.

Event Photographs

Inauguration of Blood Donation Camp by Vice President Technology Dr. Raghav Garg 26th November 2022

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

Lamp lighting ceremony Blood Donation Camp Organized at Tula's Institute 22nd December 2022

Blood Donation Camp Organized at Tula's Institute 26th November 2022

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

Blood Donation Camp Organized at Tula's Institute 22nd December 2022

Doctor doing necessary formalities before processing for the blood donation, 26th November 2022

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

Dean academic Dr. Nishant Saxena visited the venue during the donation drive, 26th November 2022

Students got certification for contribution in Blood Donation Camp Organized at Tula's Institute 26th November 2022

Director
Tula's Institute, Dehradun

IMA bloodbank of Uttarakhand

We Help Save Lives...

IMA Blood Bank of Uttarakhand

IMABBUA/ADMIN/PR&M/2022-23/ 5793/ 123 *08/2/2023*

To,

The Director

Tulas Institute

Dehradun, Uttarakhand

IMA Blood Bank of Uttarakhand wishes to thank you and your members for whole hearted participation in the noble cause of donating blood. In the blood donation camp organized by ***Tulas Institute on 22nd Dec 2021*** *we have collected* ***68 blood units.*** *We expect the same level of support & cooperation from you in future blood donation camps.*

We look forward to have a long association with you.

Thanking you once again.

Regards

Dr. Sanjay Upreti

(Director Technical & Operation)

IMA Blood Bank Of Uttarakhand.

Director
Tula's Institute, Dehradun

47, Ballupur Road, Dehradun – 248001 Ph. : 0135 – 2755010-11-12
Website : - www.imabbua.org.in, email : - info@imabbua.org.in

TULA' S INSTITUTE, DEHRADUN

Importance of Blood Donation

Each day, thousands of people need donated blood and blood products to keep them in good health or allow them to stay alive.
If a person's blood levels fall due to an accident or illness, or if their blood is not functioning properly, there will not be enough oxygen or other nutrients to maintain their vital organs.
Donating whole blood can help these people.
A similar process to whole blood donation is apheresis. This provides other blood components, such as platelets. A donation of platelets can help people who have issues related to clotting. It may also provide antibodies to help fight a disease, such as COVID-19.
Giving blood can be a lifesaving action, but it may also have benefits for the donor. In this article, learn about the effects of giving blood.

Objectives of Blood Donation Camp

1. Provide blood and blood components collected from voluntary donors, round the clock.
2. To wipe off the scarcity of blood and ensure availability of blood and other blood components, round the clock and throughout the year. This will lead to alleviation of human sufferings, even to the far-flung remote areas in the country.

Summary

A blood donation drive was organized at Tula's Institute, Dehradun in collaboration with National Service Scheme (NSS) on 22nd December 2021. Numerous students showed up for the blood donation drive held at Seminar Hall of the Institute. The drive was inaugurated by Dr. Raghav Garg, Vice President Technology, Tula's Institute in the presence of Director Dr. Sandip Vijay, Dean Academics Dr. Nishant Saxena, Dean Management and Agriculture Dr. Ranit Kishore. A team from IMA Blood Bank of Uttarakhand came for the conduction of the blood donation drive. During the whole drive 68 units of blood were collected from the students and staff of the Institute.
The donors were encouraged by the by Dr. Raghav Garg and he expressed his gratitude and thanked one and all for keeping the Tula's Institute flag high.

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

Date: 22nd December 2021

BLOOD DONATION CAMP AT TULA'S INSTITUTE

Tula's Institute DEHRADUN

IMA bloodbank of Uttarakhand
We Help Save Lives

Blood Donation Drive

A gift straight from your heart

Date: 22nd December, 2021 | Time: 10:00 am onwards
Venue: Seminar Hall, Tula's Institute

Blood Donation Camp at Tula's Institute on 22nd December 2021

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

TULA'S DEHRADUN INSTITUTE

* Approved by AICTE, Ministry of HRD, Govt. of India * ISO 9001:2015
Affiliated: * Uttarakhand Technical University * Sri Dev Suman University * Uttarakhand Board of Technical Education

Ref: Tulas/Vibgyor/1221/ Date: 20-12-2021

Notice

It is to inform all the students and staff that, Tula's Institute is going to organize blood donation camp on 22nd December 2021, at 11:00 am in the seminar hall in collaboration with IMA blood bank.

Hence, the members of staff and students' council are requested to coordinate all the students and staff to voluntarily donate their blood to save life and to make the camp a success.

Regards

Emmanuel Gabriel
Assistant Professor, GSB
Vibgyor Head
Tula's Institute

Director
Tula's Institute, Dehradun

Vision
- To emerge as an academic centre producing world class professionals promoting innovation and research.

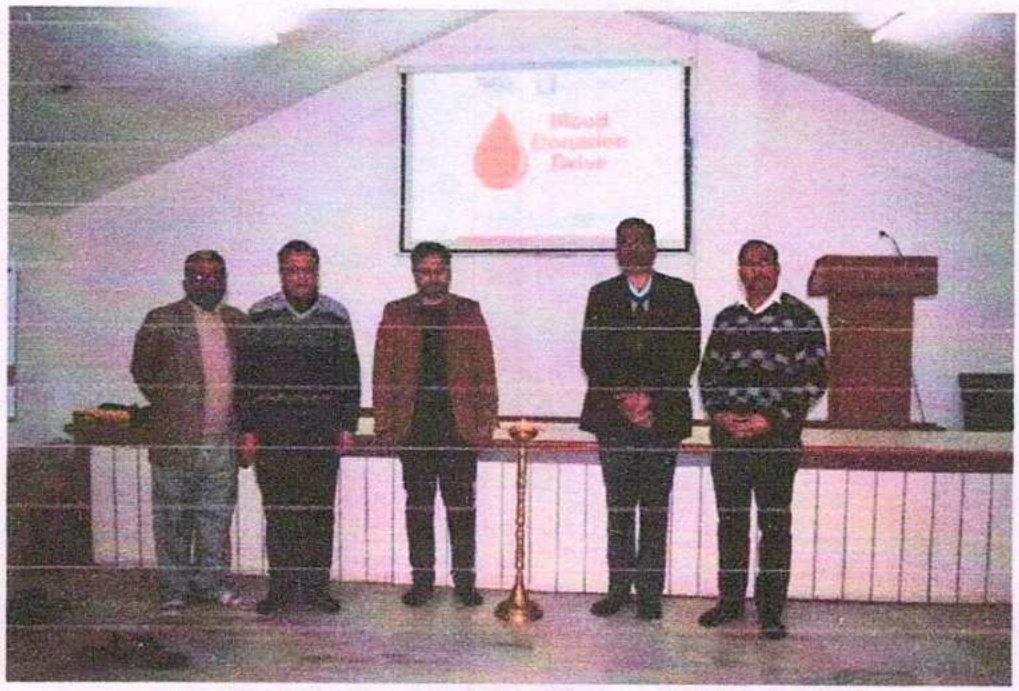
Mission:
- Promote intellectual and skilled human capital generation employment and entrepreneurship.
- Be educational centre of excellence of multi ethnicity and diversity.
- Establish as technology driven teaching learning institution.
- Provide world class platform for research and innovation.
- Inculcate social, environmental, heritage values.

Dhoolkot, P.O. Selaqui, Chakrata Road
Dehradun - 248011 (U.K. India)
www.tulas.edu.in
0135-2699330
0135-2699350

TULA' S INSTITUTE, DEHRADUN

Event Photographs

Inauguration of Blood Donation Camp by Vice President Technology Dr. Raghav Garg 22nd December 2021

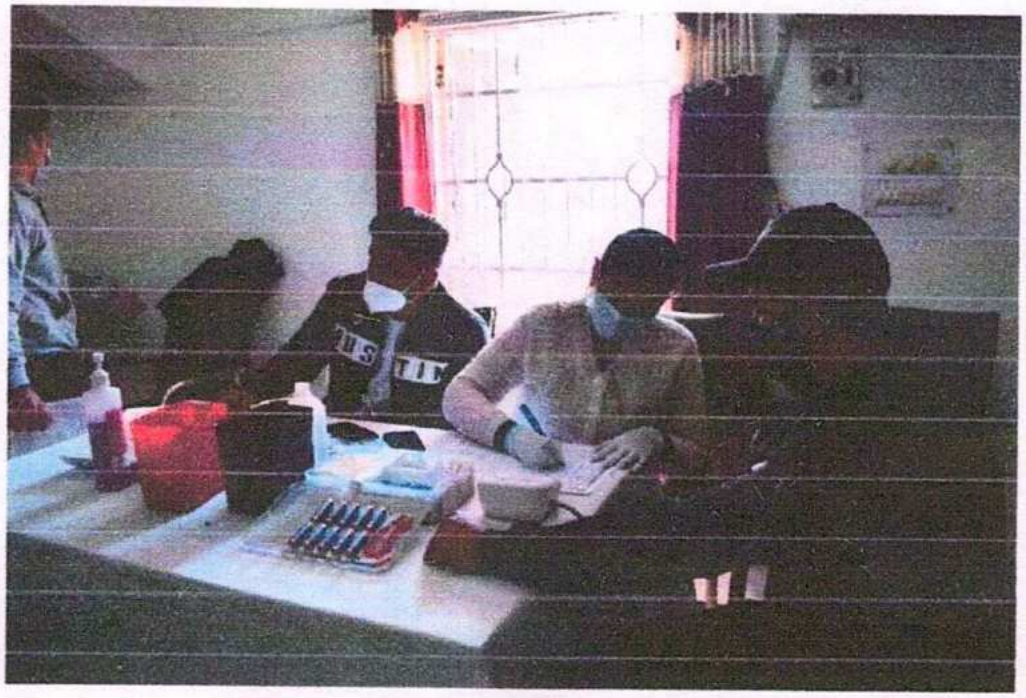


Blood Donation Camp Organized at Tula's Institute 22nd December 2021

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

Blood Donation Camp Organized at Tula's Institute 22nd December 2021

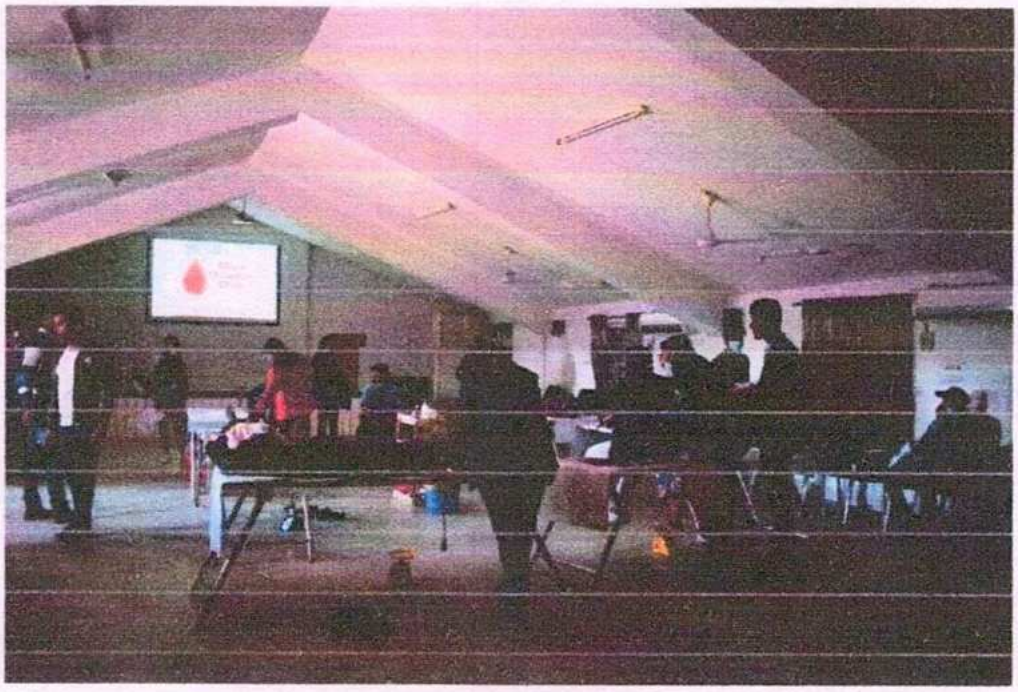


Blood Donation Camp Organized at Tula's Institute 22nd December 2021

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

Blood Donation Camp Organized at Tula's Institute 22nd December 2021



Blood Donation Camp Organized at Tula's Institute 22nd December 2021

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

Blood Donation Camp Organized at Tula's Institute Day 22nd December 2021

Blood Donation Camp Organized at Tula's Institute, 22nd December 2021

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

Geo Tag Photographs of the event

Blood Donation Camp Organized at Tula's Institute 22nd December 2021

Blood Donation Camp Organized at Tula's Institute 22nd December 2021

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

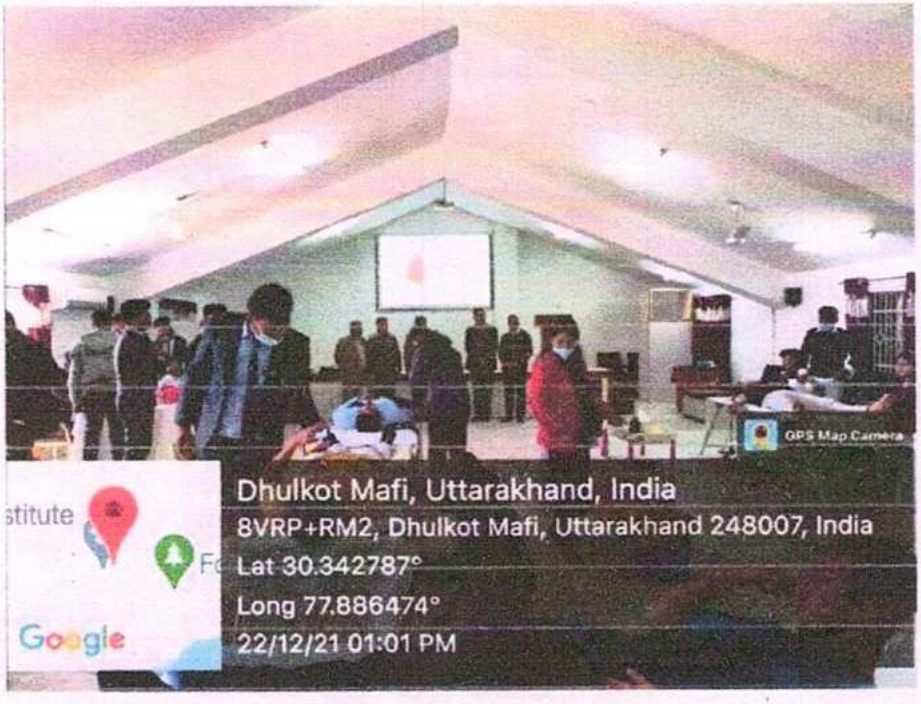
Blood Donation Camp Organized at Tula's Institute 22nd December 2021

Blood Donation Camp Organized at Tula's Institute 22nd December 2021

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

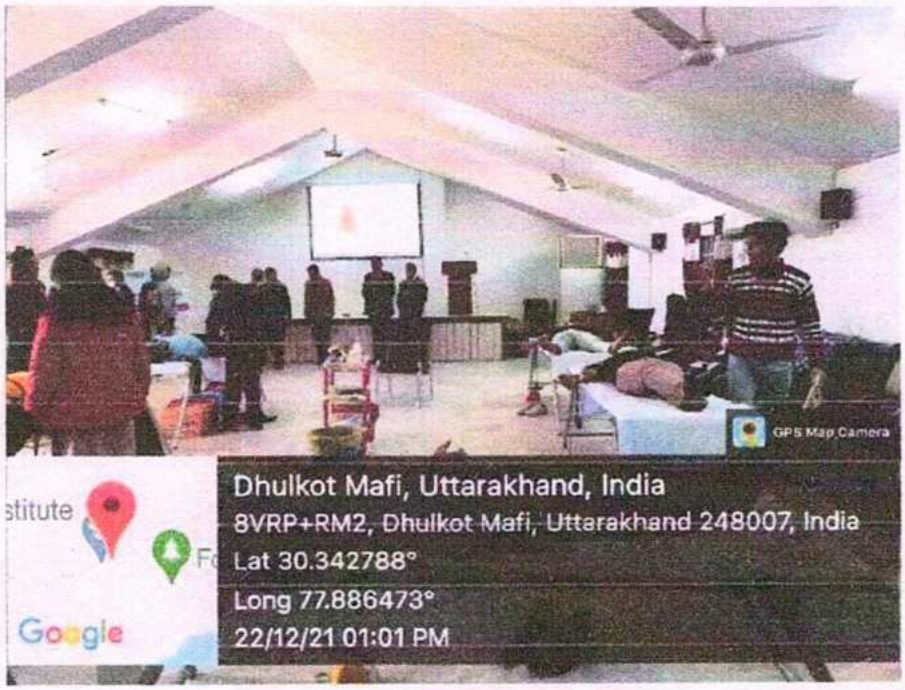
Blood Donation Camp Organized at Tula's Institute 22nd December 2021



Blood Donation Camp Organized at Tula's Institute 22nd December 2021

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN



Blood Donation Camp Organized at Tula's Institute 2021

Blood Donation Camp Organized at Tula's Institute 2021

Director
Tula's Institute, Dehradun

IMA bloodbank of Uttarakhand

We Help Save Lives...

IMA Blood Bank of Uttarakhand

No. IMABB/ADMIN/PR&LM/2021-22/5498/ 61 *Date : 23/07/2021*

TO WHOM IT MAY CONCERN

To,

The Director
Tula's Institute
Dehradun
Uttarakhand

Dear Sir,

*This to certify that **Tulas Institute** Dhool kot, Dehradun has organized various voluntary blood donation camps on regular basis with IMA Blood Bank of Uttarakhand, Dehradun since 2007. They are also helping in providing donors on immediate requirement basis.*

The details of donation done by Tulas Institute:

Year	No. of donations
2007-2009	344
2010-2012	570
2013-2015	473
2016	151
2017	178
2018	98
2019	171

Regards,

23/7/21

(Dr. Sanjay Upreti)
Director Technical & Operations
IMA Blood Bank of Uttarakhand

Director
Tula's Institute, Dehradun

47, Ballupur Road, Dehradun – 248001 Ph. : 0135 – 2755010-11-12
Website : - www.imabbua.org.in, email : - info@imabbua.org.in

IMA bloodbank of Uttarakhand

We Help Save Lives...

IMA Blood Bank of Uttarakhand

No. IMABB/ADMIN/PR&M/2020-21/5432/302/02 *Date : 25/03/2021*

To,

The Director
Tula's Institute
Dehradun, Uttarakhand

Sub: Letter of Appreciation

Dear Sir,

IMA Blood Bank of Uttarakhand wishes to thank you and your members for whole hearted participation in the noble cause of donating blood. In the blood donation camp organized by Tula's Institute on 16th September, 2019, we have collected 171 blood units. We expect the same level of support & cooperation from you in future blood donation camps.

We look forward to have a long association with you.

Thanking you once again,

Regards,

(Dr. Sanjay Upreti)
Director Technical & Operation
IMA Blood Bank of Uttarakhand

Director
Tula's Institute, Dehradun

47, Ballupur Road, Dehradun – 248001 Ph. : 0135 – 2755010-11-12
Website : - www.imabbua.org.in, email : - info@imabbua.org.in

IMA bloodbank of Uttarakhand

We Help Save Lives...

IMA Blood Bank of Uttarakhand

No. IMABB/ADMIN/PR&IM/2020-21/5433/303/02 *Date : 25/03/2021*

To,

The Director
Tula's Institute
Dehradun, Uttarakhand

*Sub: **Letter of Appreciation***

Dear Sir,

IMA Blood Bank of Uttarakhand wishes to thank you and your members for whole hearted participation in the noble cause of donating blood. In the blood donation camp organized by Tula's Institute on 2nd May 2018, we have collected 98 blood units. We expect the same level of support & cooperation from you in future blood donation camps.

We look forward to have a long association with you.

Thanking you once again,

Regards

(Dr. Sanjay Upreti)
Director Technical & Operation
IMA Blood Bank of Uttarakhand

Director
Tula's Institute, Dehradun

47, Ballupur Road, Dehradun – 248001 Ph. : 0135 – 2755010-11-12
Website : - www.imabbua.org.in, email : - info@imabbua.org.in

IMA bloodbank of Uttarakhand

We Help Save Lives...

IMA Blood Bank of Uttarakhand

No. IMABB/ADMIN/PR&M/2020-21/5434/304/02 *Date : 25/03/2021*

To,

The Director
Tula's Institute
Dehradun, Uttarakhand

*Sub: **Letter of Appreciation***

Dear Sir,

*IMA Blood Bank of Uttarakhand wishes to thank you and your members for whole hearted participation in the noble cause of donating blood. In the blood donation camp organized by **Tula's Institute on 19th April 2017, we have collected 178 blood units.** We expect the same level of support & cooperation from you in future blood donation camps.*

We look forward to have a long association with you.

Thanking you once again,

Regards,

(Dr. Sanjay Upreti)
Director Technical & Operation
IMA Blood Bank of Uttarakhand

Director
Tula's Institute, Dehradun

47, Ballupur Road, Dehradun – 248001 Ph. : 0135 – 2755010-11-12
Website : - www.imabbua.org.in, email : - info@imabbua.org.in

IMA bloodbank of Uttarakhand

We Help Save Lives...

IMA Blood Bank of Uttarakhand

No. IMABB/ADMIN/PR&IM/2020-21/5436/306/02 *Date : 25/03/2021*

To,

The Director
Tula's Institute
Dehradun, Uttarakhand

Sub: Letter of Appreciation

Dear Sir,

IMA Blood Bank of Uttarakhand wishes to thank you and your members for whole hearted participation in the noble cause of donating blood. In the blood donation camp organized by ***Tula's Institute on 15th February, 2016,*** *we have collected* ***151 blood units****. We expect the same level of support & cooperation from you in future blood donation camps.*

We look forward to have a long association with you.

Thanking you once again,

Regards,

(Dr. Sanjay Upreti)
Director Technical & Operation
IMA Blood Bank of Uttarakhand

Director
Tula's Institute, Dehradun

47, Ballupur Road, Dehradun – 248001 Ph. : 0135 – 2755010-11-12
Website : - www.imabbua.org.in, email : - info@imabbua.org.in

IMA bloodbank of Uttarakhand

We Help Save Lives...

IMA Blood Bank of Uttarakhand

No. IMABB/ADMIN/PR&IM/2020-21/5435/305/02 *Date : 25/03/2021*

To,

The Director
Tula's Institute
Dehradun, Uttarakhand

Sub: Letter of Appreciation

Dear Sir,

IMA Blood Bank of Uttarakhand wishes to thank you and your members for whole hearted participation in the noble cause of donating blood. In the blood donation camp organized by Tula's Institute on 11th February, 2015, we have collected 179 blood units. We expect the same level of support & cooperation from you in future blood donation camps.

We look forward to have a long association with you.

Thanking you once again,

Regards

(Dr. Sanjay Upreti)
Director Technical & Operation
IMA Blood Bank of Uttarakhand

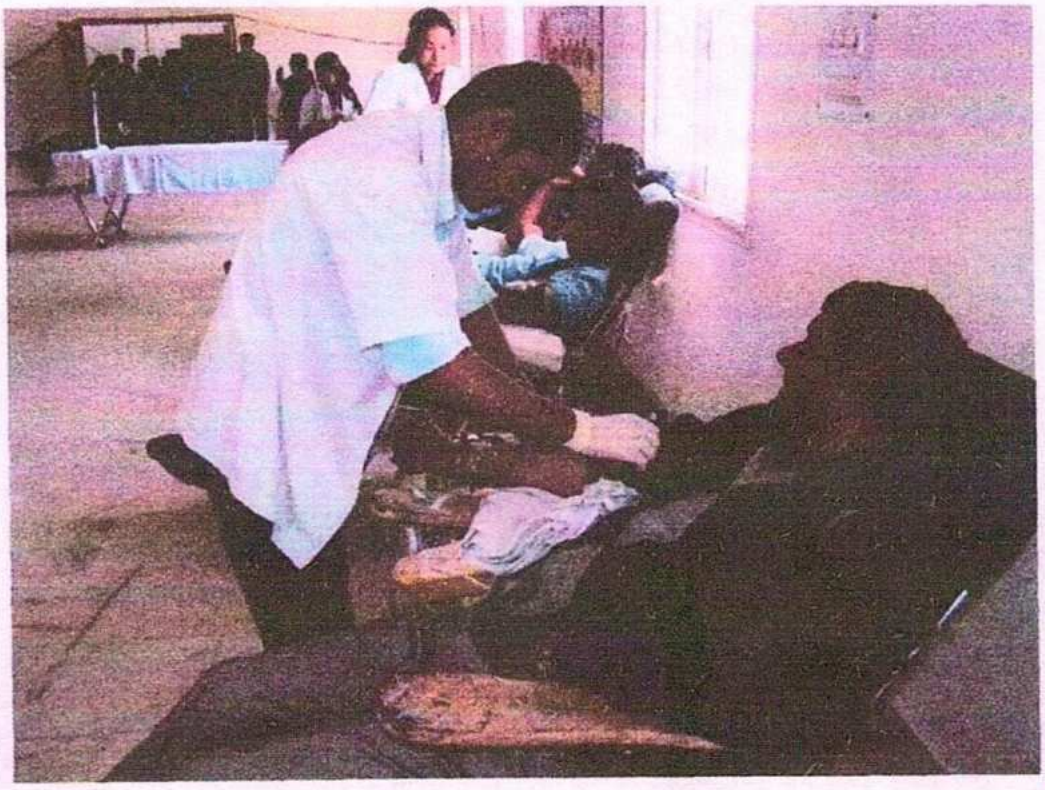
Director
Tula's Institute, Dehradun

47, Ballupur Road, Dehradun – 248001 Ph. : 0135 – 2755010-11-12
Website : - www.imabbua.org.in, email : - info@imabbua.org.in

IMA BLOOD DONATION AT TULA'S INSTITUTE

21.02.2011

IMA BLOOD DONATION AT TULAS INSTITUTE ON 21.02.2011



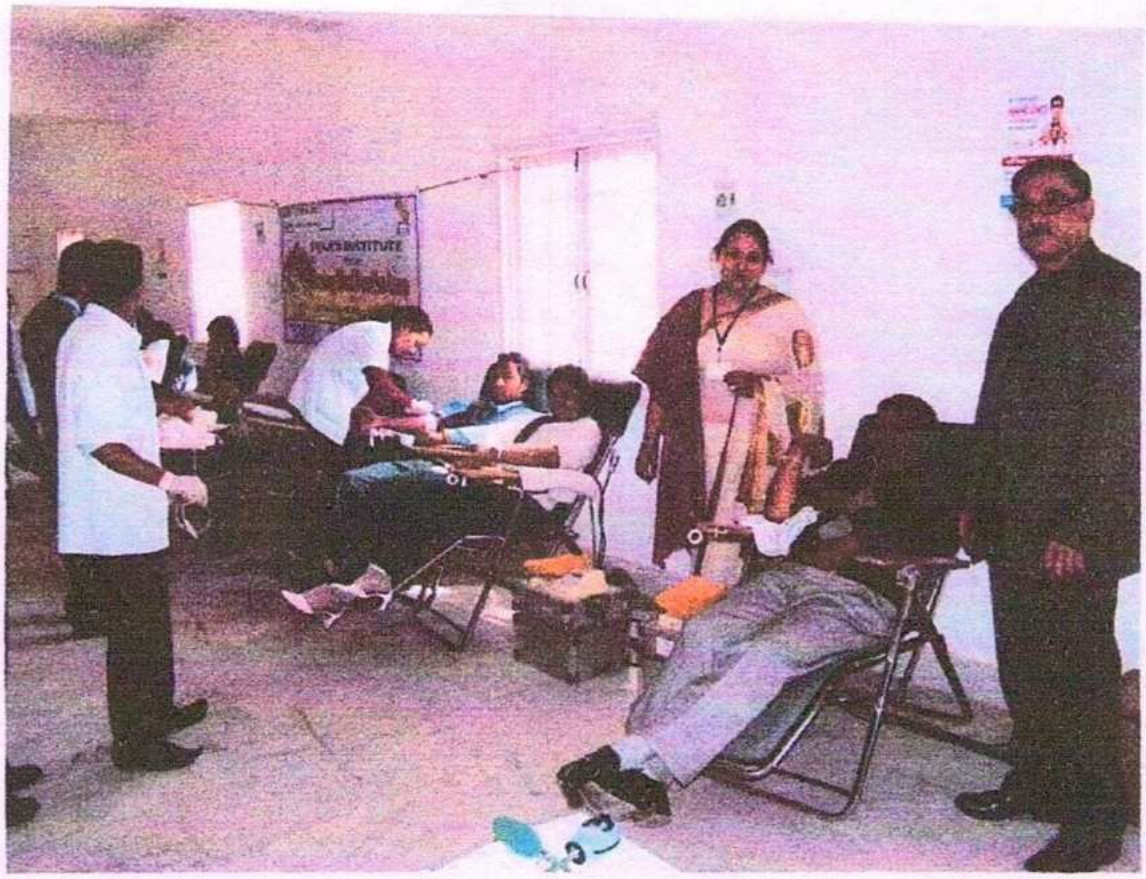
IMA BLOOD DONATION AT TULAS INSTITUTE ON 21.02.2011

Director
Tula's Institute, Dehradun

IMA BLOOD DONATION AT TULAS INSTITUTE ON 21.02.2011

IMA BLOOD DONATION AT TULAS INSTITUTE ON 21.02.2011

Director
Tula's Institute, Dehradun

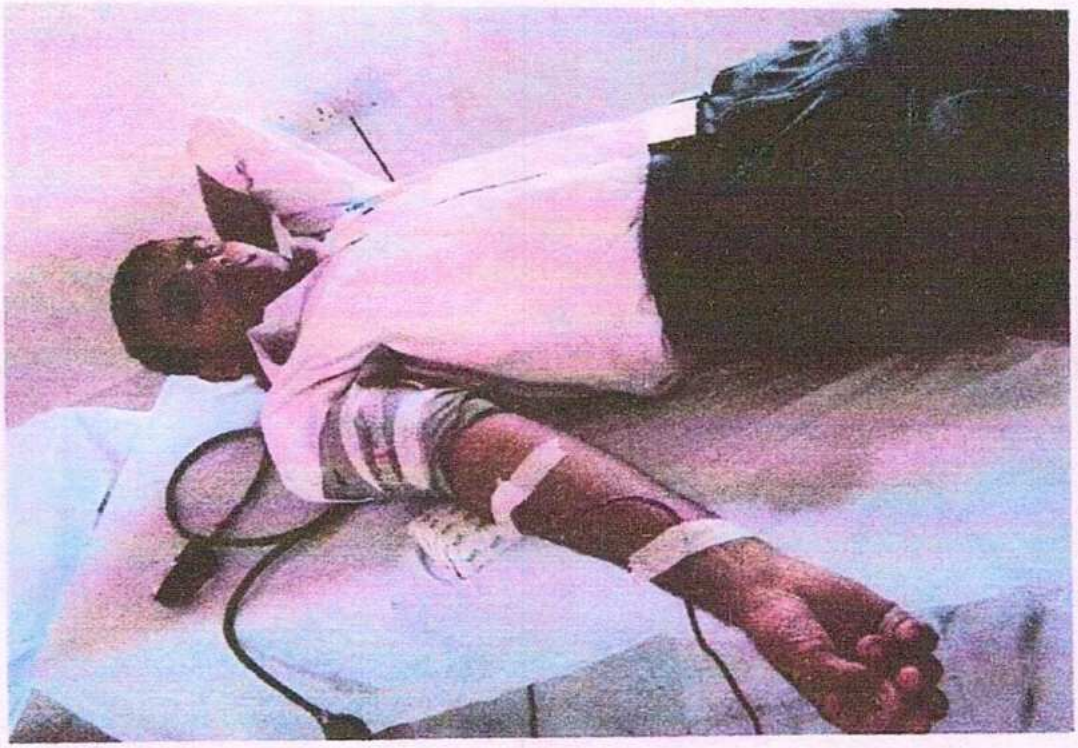


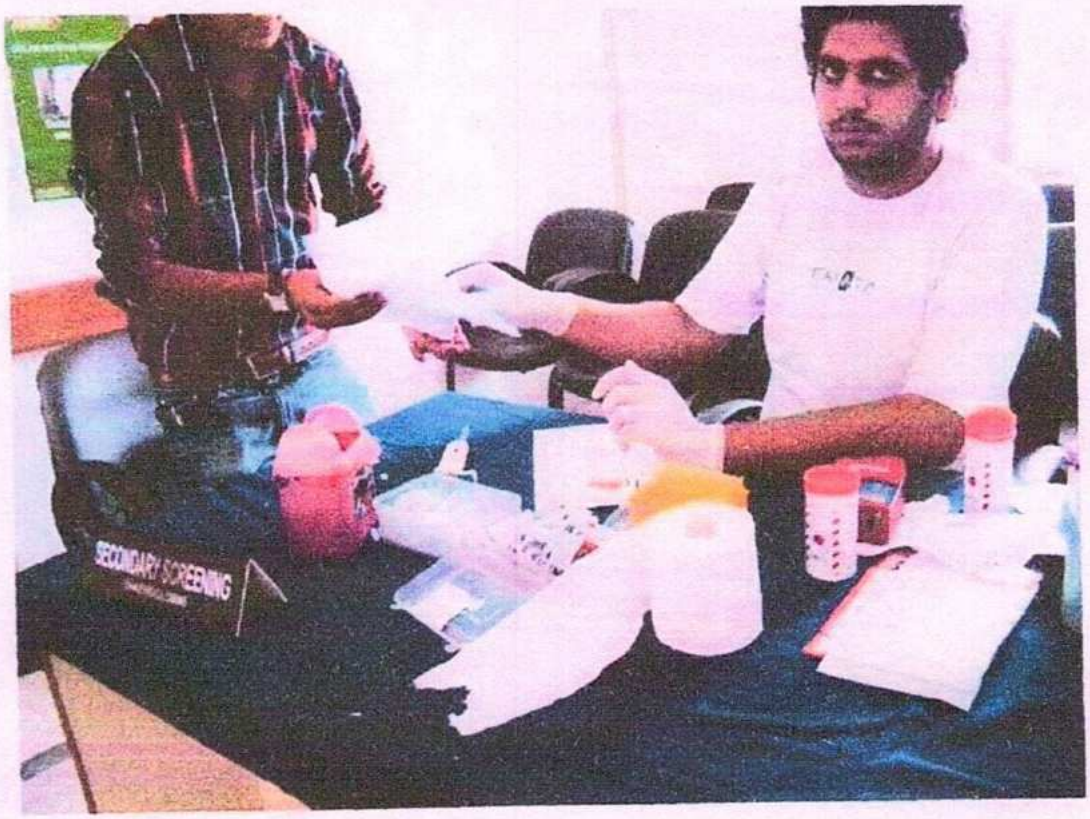
IMA BLOOD DONATION AT TULAS INSTITUTE ON 21.02.2011

Director
Tula's Institute, Dehradun

IMA BLOOD DONATION AT TULA'S INSTITUTE

19.09.2011

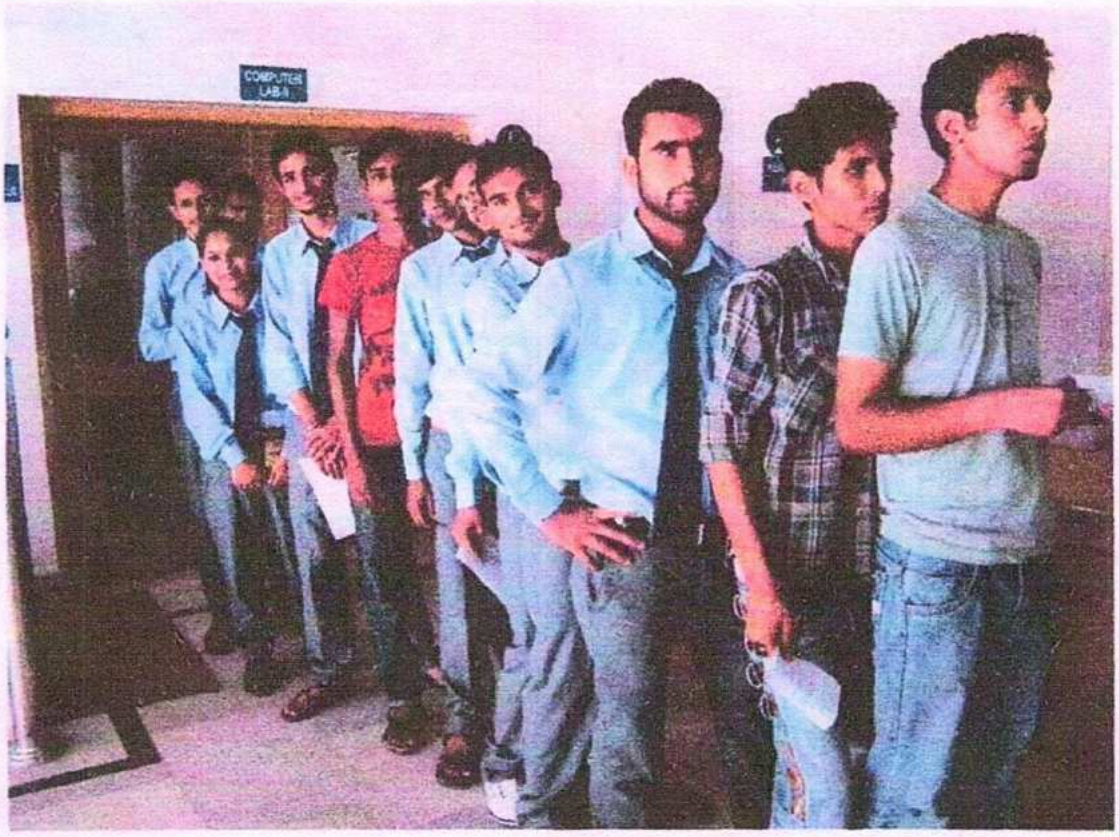




IMA BLOOD DONATION AT TULAS INSTITUTE ON 19.09.2011

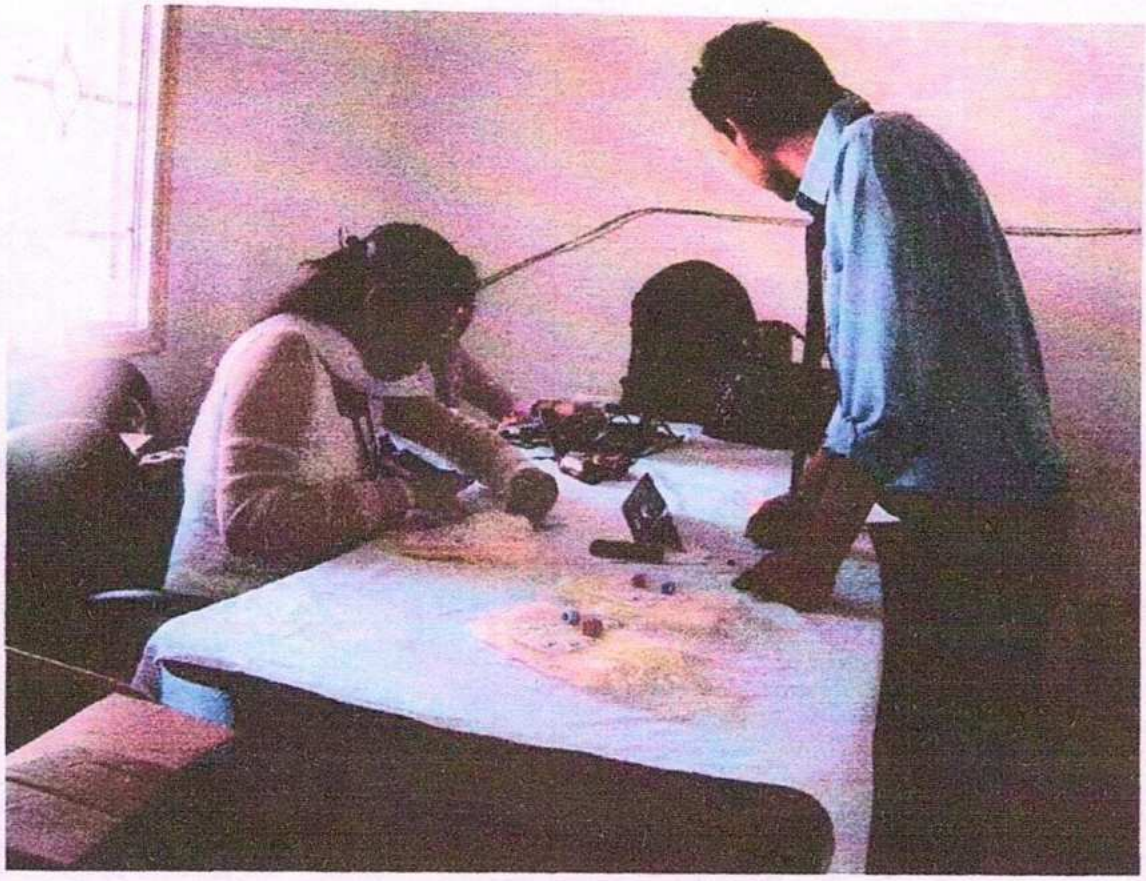
Director
Tula's Institute, Dehradun

IMA BLOOD DONATION AT TULAS INSTITUTE ON 19.09.2011



IMA BLOOD DONATION AT TULAS INSTITUTE ON 19.09.2011

Director
Tula's Institute, Dehradun



IMA BLOOD DONATION AT TULAS INSTITUTE ON 19.09.2011

Director
Tula's Institute, Dehradun

IMA BLOOD DONATION AT TULA'S INSTITUTE

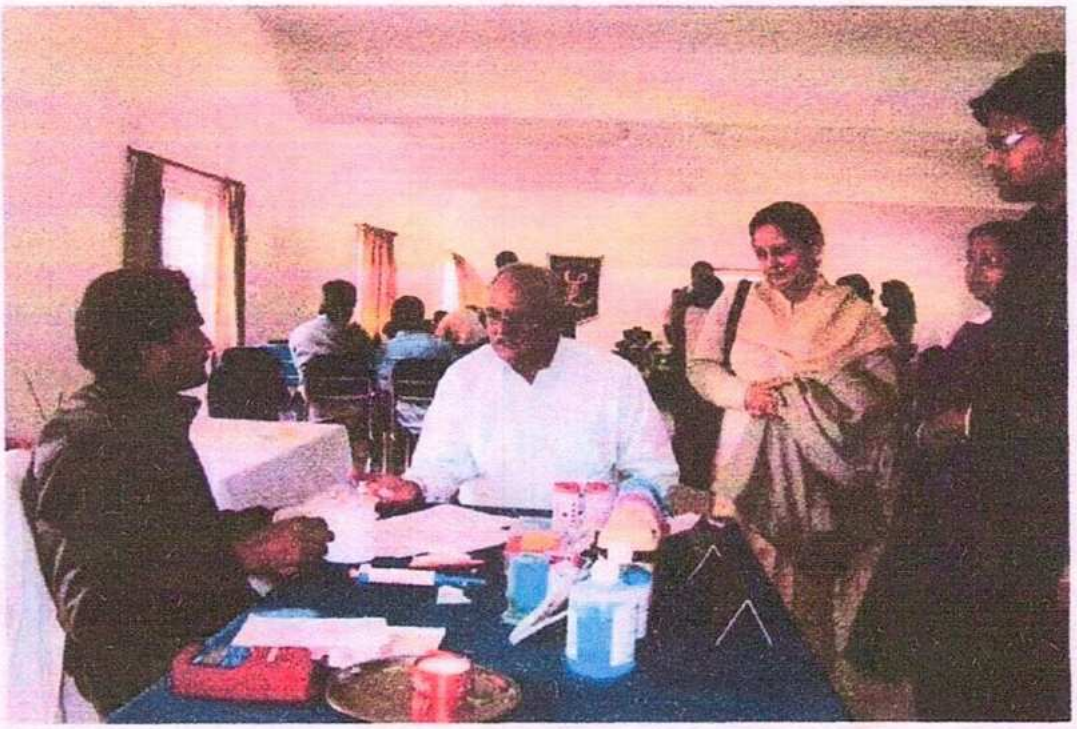
06.02.2012

IMA BLOOD DONATION AT TULAS INSTITUTE ON 06.02.2012

IMA BLOOD DONATION AT TULAS INSTITUTE ON 06.02.2012

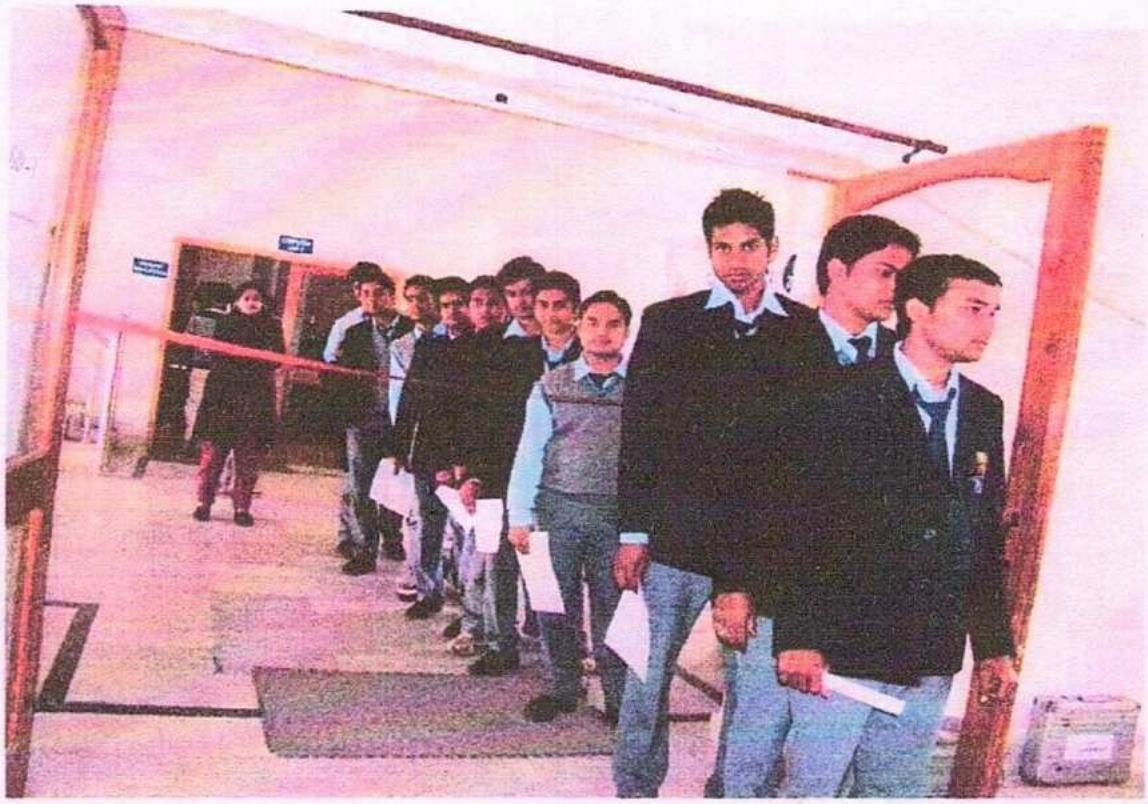
Director
Tula's Institute, Dehradun

IMA BLOOD DONATION AT TULAS INSTITUTE ON 06.02.2012



IMA BLOOD DONATION AT TULAS INSTITUTE ON 06.02.2012

Director
Tula's Institute, Dehradun



IMA BLOOD DONATION AT TULAS INSTITUTE ON 06.02.2012

Director
Tula's Institute, Dehradun

IMA BLOOD DONATION AT TULA'S INSTITUTE

07.02.2013

IMA BLOOD DONATION AT TULAS INSTITUTE ON 07.02.2013

IMA BLOOD DONATION AT TULAS INSTITUTE ON 07.02.2013

Director
Tula's Institute, Dehradun

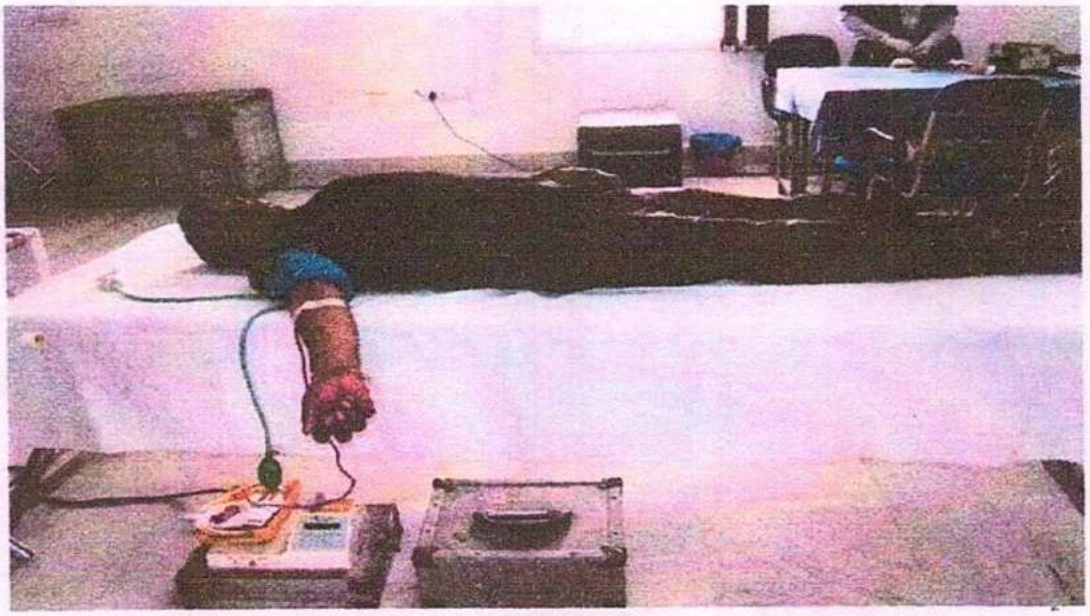
IMA BLOOD DONATION AT TULAS INSTITUTE ON 07.02.2013

Director
Tula's Institute, Dehradun

IMA BLOOD DONATION AT TULA'S INSTITUTE

06.02.2014

IMA BLOOD DONATION AT TULAS INSTITUTE ON 06.02.2014



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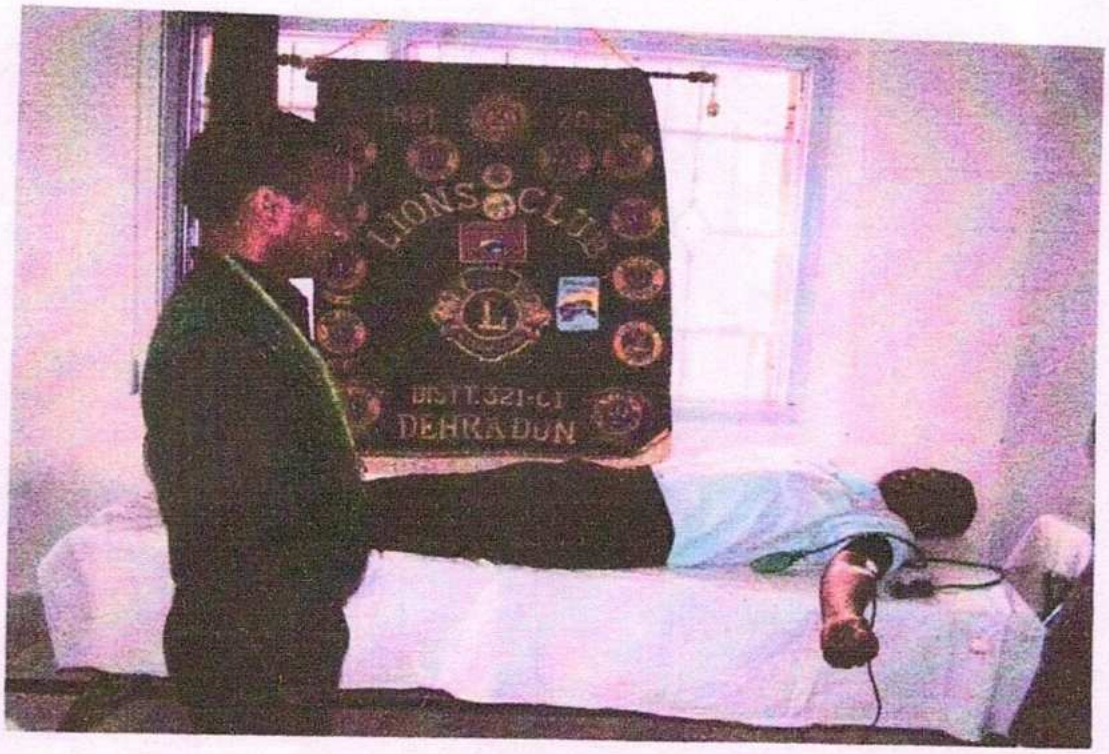

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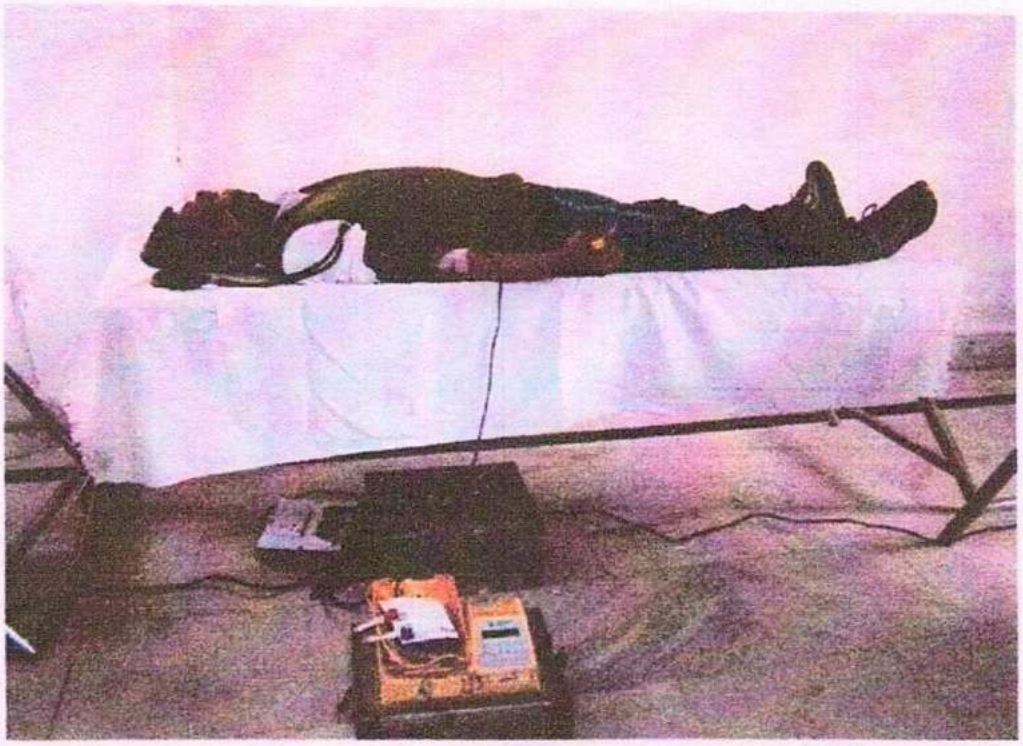

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ON

11.02.2015

IMA BLOOD DONATION AT TULAS INSTITUTE ON 11.02.2015

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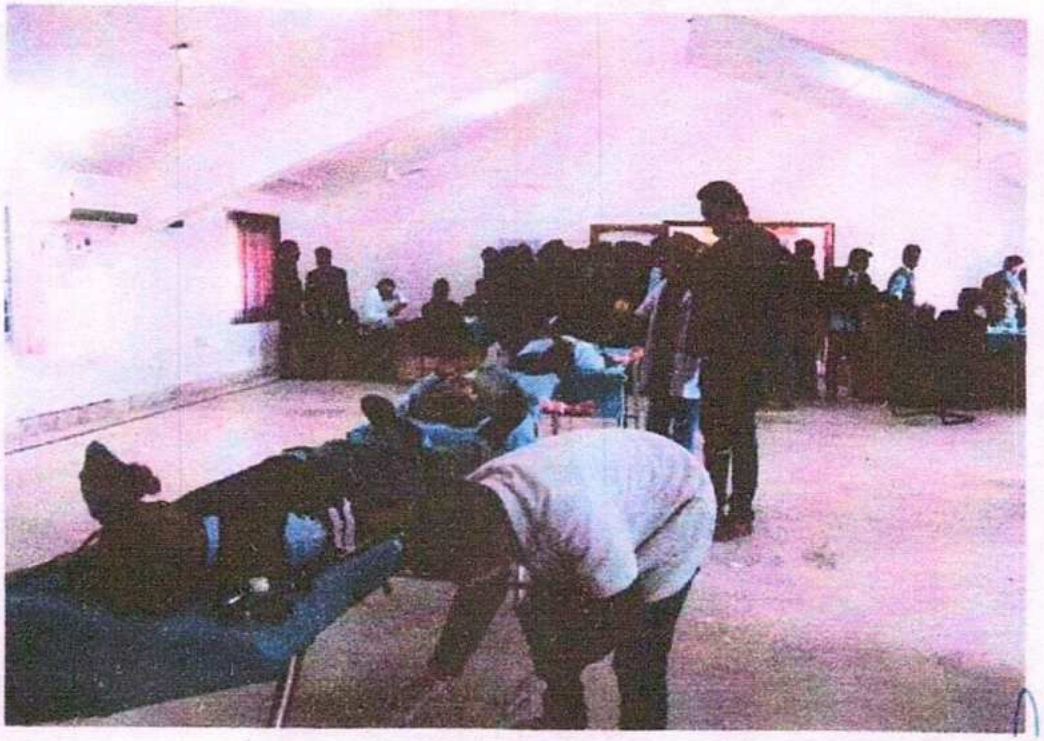
16.02.2016

IMA BLOOD DONATION AT TULAS INSTITUTE ON 16.02.2016



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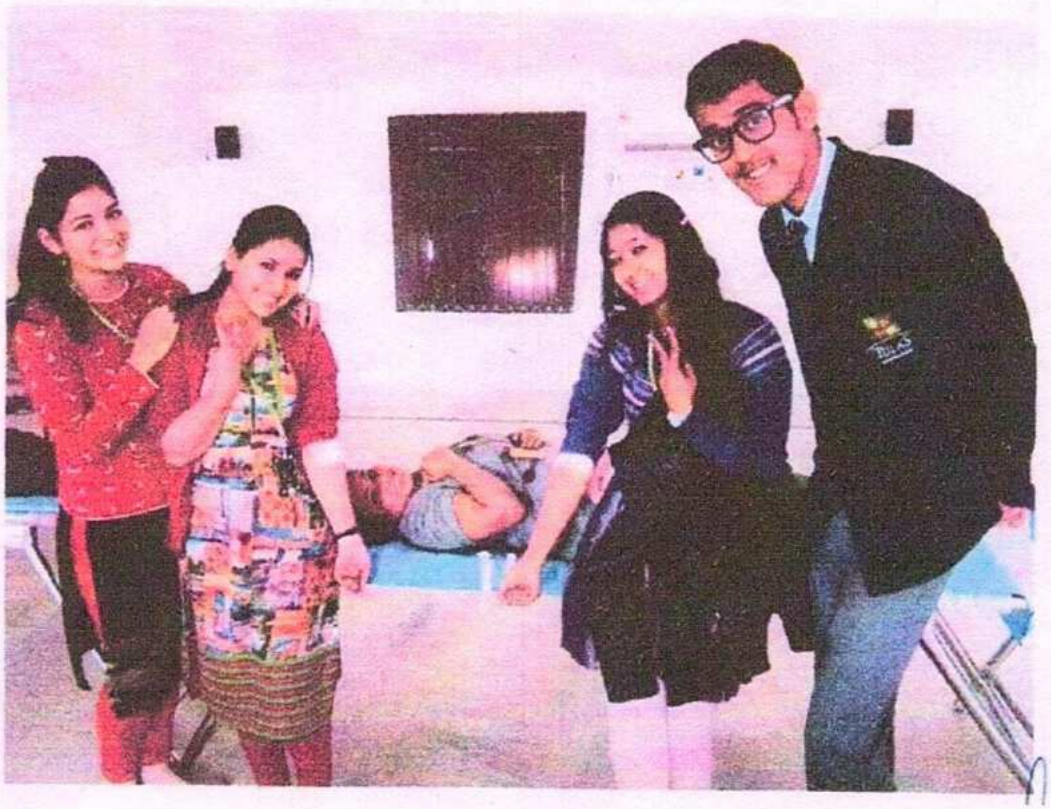

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IMA BLOOD DONATION AT TULAS INSTITUTE ON 19.04.2017

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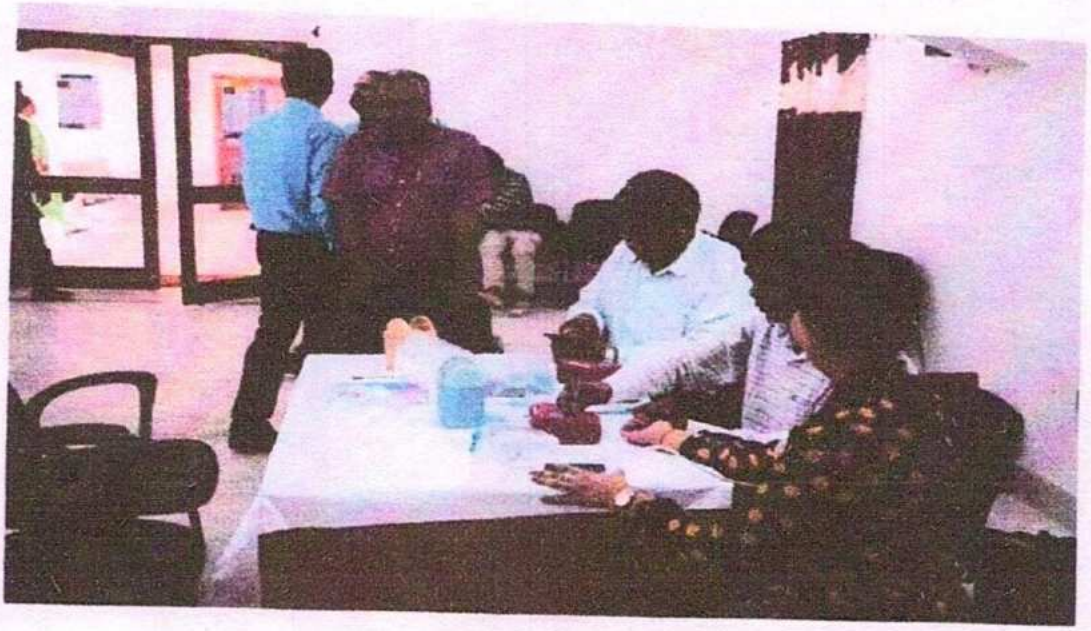

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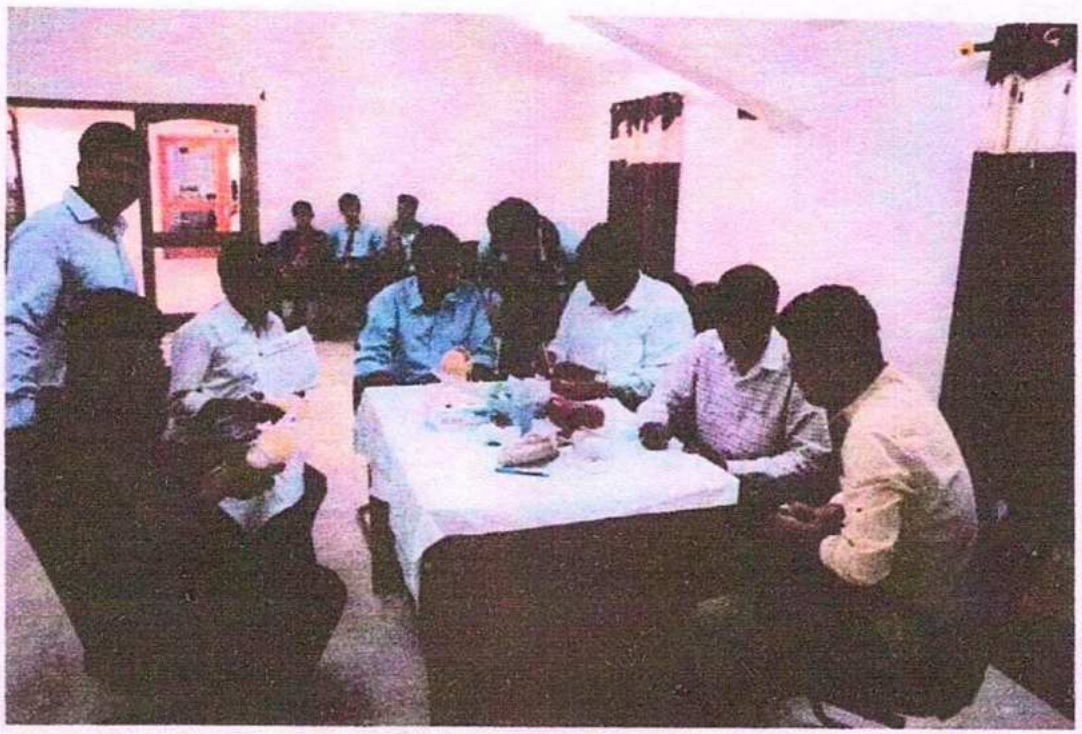

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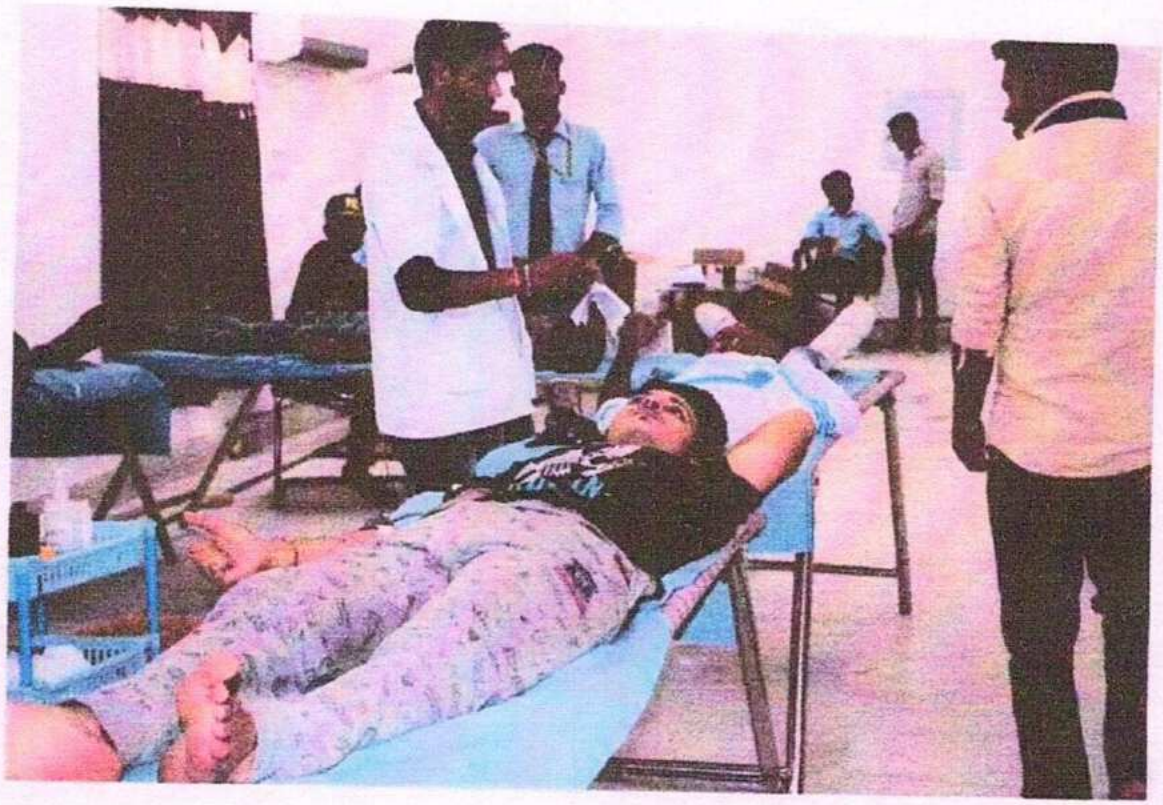

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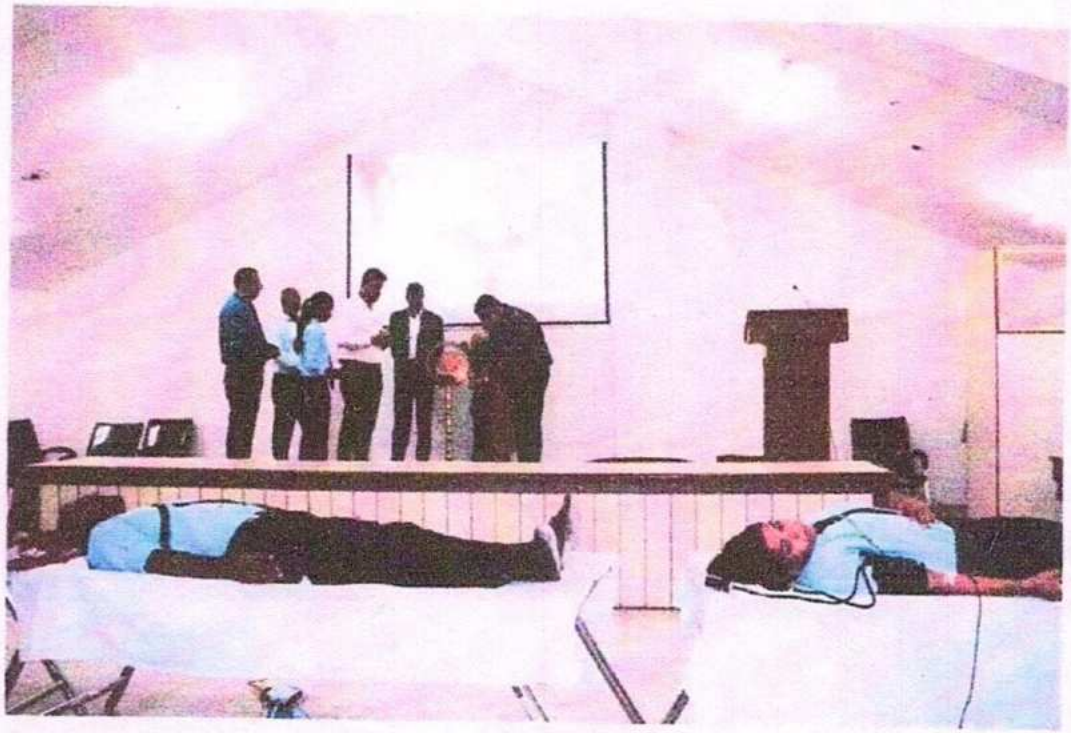

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Director
Tula's Institute, Dehradun

IMA
bloodbank
of Uttarakhand
We Help Save Lives...

IMA Blood Bank of Uttarakhand

Certificate of Appreciation

Presented to Mr / Ms Tarun Kumar of Tula's Institute

for voluntary blood donation on 16th of Sep 2019th.

We thank you for your contribution towards the noble cause

Signature

Dr. Manish Sharma
Name & Designation

47, Ballupur Road, Dehradun - 248006, Ph. :- 0135-2755010, 11, 12. www.imabbua.org.in

Director
Tula's Institute, Dehradun

YASHPAL SINGH RATHORE

TULA'S INSTITUTE DEHRADUN.

Safe blood begins with me

We highly appreciate your invaluable support for the noble cause of Voluntary Blood Donation.
The Society stands indebted to you.

Managing Director

Donate Blood - Save Lives

IMA
bloodbank
of uttarakhand

We Help Save Lives

47 Ballupur Road, Dehradun,
Ph. :- 0135 2755010, 11,12 93598 284

website :-www.imabbua.org.in
email:-info@imabbua.org

Project on Social Marketing of Voluntary Blood Donation
Supported by
SIR RATAN TATA TRUST

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YASHPAL SINGH RATHORE

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Life's blood begins with me

We highly appreciate your invaluable support for the noble cause of Voluntary Blood Donation.
The Society stands indebted to you.

Managing Director

Donate Blood - Save Lives

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47 Ballupur Road, Dehradun, Phone No. - 0135 2755010, 2755011

Director
Tula's Institute, Dehradun

नेत्र और रक्तदान के लिए जागरूकता पर जोर

देहरादून (एसएनवी)। लायन्स इंटरनेशनल की द्वितीय डिस्ट्रिक्ट कैबिनेट मीटिंग में नेत्रदान व रक्तदान के प्रति जागरूकता लाने का आह्वान किया गया। मीटिंग में क्लब के कार्यों व आय-व्यय ब्योरा प्रस्तुत किया गया। इस मौके पर तुलाज

▶ लायंस इंटरनेशनल की डिस्ट्रिक्ट कैबिनेट की मीटिंग

इंस्टीट्यूट के चेयरमैन व लायन्स क्लब के रीजनल चेयरपर्सन लायन सुनील कुमार जैन को पीएमजेएफ के पद से सम्मानित किया गया। रविवार को धूकोट स्थित तुलाज इंस्टीट्यूट में आयोजित मीटिंग में डिस्ट्रिक्ट चेयरपर्सन लायनेस राज शिपले व डिस्ट्रिक्ट लियोज चेयरपर्सन विजय तायल ने कार्यों का विवरण प्रस्तुत किया।

उन्होंने कहा कि क्लब द्वारा अपंग लोगों की आर्थिक मदद, मुफ्त दवाइयों का वितरण, विकलांगों को ट्राइ साइकिल उपलब्ध करने समेत कई कार्य किए जा रहे हैं। कार्यक्रम अध्यक्ष एमजेएफ लायन आलोक भटनागर ने कहा कि क्लब निबर्ल व असहाय लोंगो की सहायता के

लायंस इंटरनेशनल की द्वितीय डिस्ट्रिक्ट कैबिनेट की मीटिंग में विचार व्यक्त करते वक्ता।

लिए सदैव तत्पर है। उन्होंने नेत्रदान के साथ-साथ रक्तदान के लिए लोंगों को जागरुक करने के लिए एकजुटता के साथ कार्य करने का आह्वान किया। तुलाज इंस्टीट्यूट के चेयरमैन व पीएमजेएफ लायन सुनील कुमार जैन ने कहा कि लायन्स क्लब पूर्ण निष्ठा व ईमानदारी के साथ समाज की सेवा कर रहा है।

इस मौके पर कैबिनेट सेक्रेटरी विजय कुमार शर्मा, नीरज कुमार, डिस्ट्रिक्ट को-ऑडिनेटर सुनील निगम, जितेन्द्र प्रकाश, जेएम जखवाल, मुकेश गोयल, सुधीर जनमेजा, अनु लाम्बा व संगीता जैन समेत अनेक लोगों ने विचार व्यक्त किए।

मेला/ ... 21 हजार कर्मियों को स्थायी

Director
Tula's Institute, Dehradun

हिन्दुस्तान

लायंस ने कहा करें रक्तदान

देहरादून। धूलकोट स्थित तुलाज़ इंस्टीट्यूट में लायंस इंटरनेशनल की द्वितीय डिस्ट्रिक्ट कैबिनेट में नेत्र व रक्तदान का आह्वान किया गया। मीटिंग का आयोजन तुलाज़ इंस्टीट्यूट के चेयरमैन सुनील जैन ने किया, जबकि अध्यक्षता आलोक भटनागर ने की।

आयोजन का मुख्य उद्देश्य क्लब के कार्यों का ब्योरा व फाइनेंशियल रिपोर्ट बनाने व जमा करने से संबंधित रहा डिस्ट्रिक्ट लायनेस चेयरपर्सन राज शिपले, डिस्ट्रिक्ट लियोज चेयरपर्सन विजय तायल ने खुद के कार्यों का विवरण पेश किया। इस मौके पर सुनील कुमार जैन को पीएमजेएफ के पद से सम्मानित किया गया। बैठक में विजय कुमार शर्मा, नीरज कुमार, सुनील निगम, जितेन्द्र प्रकाश, मुकेश, सुधीर जनमेजा, अनु व संगीता जैन उपस्थित थे।

गवर्नर की यात्रा

Director
Tula's Institute, Dehradun

अमर उजाला

देहरादून

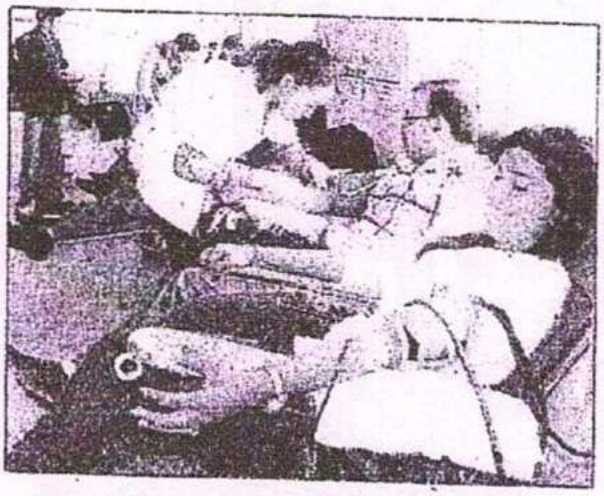
तुलाज में रक्तदान शिविर आयोजित

देहरादून। तुला इंस्टीट्यूट में रक्तदान शिविर में छात्र-छात्राओं ने उत्साहपूर्वक भाग लिया। शिविर में 500 छात्र-छात्राओं ने रक्तदान किया। संस्थान के डायरेक्टर सुनील कुमार जैन ने रक्तदान कर शिविर की विधिवत शुरुआत की। सभी रक्तदान करने वालों को डोनर कार्ड प्रदान किया गया। साथ ही खून की जांच के बाद हैपेटाइटिस सी, एचआईवी, एड्स, मलेरिया, सिफलिस और ब्लड ग्रुप आदि की रिपोर्ट दी गई। शिविर में संस्थान के रजिस्ट्रार अशोक भारद्वाज, अमित शर्मा, पवन कुमार चौबे, रवि प्रिया मौजूद थे।

पली की
मा किया
पर ही
त सड़क
ापदा मद
सरी ओर
त कहते
रे में कोई
को मौके
ी।

Director
Tula's Institute, Dehradun

दैनिक जागरण



तुलाज इंस्टीट्यूट में आयोजित शिविर में रक्तदान करते लोग। जागरण

तुलाज इंस्टीट्यूट में 500 ने किया रक्तदान

देहरादून: रक्त को कृत्रिम रूप से तैयार नहीं किया जा सकता। ऐसे में जरूरतमंद लोगों के लिए रक्तदान के माध्यम से एकत्र रक्त ही जीवन बनता है। तुलाज इंस्टीट्यूट में आयोजित रक्तदान शिविर में संस्थान के चेयरमैन सुनील जैन ने कहा कि रक्तदान के लिए हर किसी को आगे आना चाहिए। शिविर में संस्थान के चेयरमैन समेत 500 से ज्यादा छात्रों, शिक्षको व कर्मचारियों ने रक्तदान किया।

सोमवार को आईएमए ब्लड बैंक के सहयोग से तुलाज इंस्टीट्यूट में रक्तदान शिविर का शुभारंभ संस्थान के चैयरमैन सुनील जैन व एग्जीक्यूटिव डायरेक्टर सिल्की जैन ने रक्तदान कर किया। इस मौके पर उन्होंने कहा कि रक्तदान जीवनदान के समान है। दुर्घटना, बीमारी का किसी अन्य कारण से रक्त की जरूरत को पूरा करने का एकमात्र माध्यम रक्तदान ही।

इस मौके पर संस्थान ने छात्रों व समस्त रक्तदाताओं के रक्त की जांच कराई। साथ ही रक्तदान करने वालों को संस्थान व आइएमए की ओर से प्रमाणपत्र प्रदान किए गए। शिविर में संस्थान के निदेशक एसके गुप्ता, रजिस्ट्रार अशोक भारद्वाज, अमित शर्मा, पवन कुमार चौबे समेत तमाम शिक्षकों, कर्मचारियों व छात्रों ने रक्तदान किए।

Director
Tula's Institute, Dehradun

I Next

Blood donation camp organised

DEHRADUN : सिटी के तुलाज इंस्टीट्यूट में मंडे को ब्लड डोनेशन कैंप ऑर्गनाइज किया गया. कैंप का इनॉगरेशन इंस्टीट्यूट के चेयरमैन सुनील कुमार ने किया. कैंप में 550 से ज्यादा लोगों ने ब्लड डोनेट किया. इस मौके पर इंस्टीट्यूट के आला अधिकारियों से लेकर कर्मचारियों ने भी योगदान दिया. कैंप में भारी संख्या में स्टूडेंट्स मौजूद रहे.

शाहिद का. दबई में काम करने वाले शाहिद के लिए चला गया. इस बार जब वह इंडिया

Director
Tula's Institute, Dehradun

ब्लड बैंक को दान की मोबाइल वैन

देहरादून (एसएनबी)। दि इंटरनेशनल एसोसिएशन ऑफ लायंस क्लब ने आईएम ब्लड बैंक को बुधवार को 'ब्लड डोनेशन मोबाइल वैन' डोनेट (दान) की। मोबाइल वैन चिकित्सा उपकरणों से सुसज्जित है।

इस अवसर पर चकराता रोड स्थित इंडियन मेडिकल एसोसिएशन के सभागार में शाम को हैंडिंगओवर सेरेमनी आयोजित की गई। लायन जगदीश गुलाटी ने बतौर मुख्य अतिथि सेरेमनी का शुभारंभ किया। उन्होंने उम्मीद जताई कि लायंस क्लब व आईएमए ब्लड बैंक मिलकर लोगों को स्वैच्छिक रक्तदान के लिए प्रेरित करेंगे। आईएमए ब्लड बैंक के अध्यक्ष डा. भीम सिंह पांथी, प्रबंध निदेशक डा. उमंग शाही, डा. आरएन सिंह, डा. एसएस असवाल, लायन सुशील अग्रवाल, एलएम जखवाल, सुधीर जुमेजा, लायन एमएस जम्म आदि भी इस अवसर पर उपस्थित थे। इससे पहले पूर्वाह्न को आईएमए ब्लड बैंक में रक्तदान शिविर का आयोजन किया गया। विभिन्न कालेजों के छात्र-छात्राओं ने रक्तदान किया।

17 JAN 2013

Director
Tula's Institute, Dehradun

शिविर में 400 लोगों ने किया रक्तदान

देहरादून (एसएनबी)। लायंस क्लब व तुलाज इंस्टीट्यूट के संयुक्त तत्वावधान में आयोजित शिविर में करीब 400 लोगों ने रक्तदान किया। शिविर में रक्तदान को लेकर छात्र-छात्राओं ने जोश के साथ हिस्सेदारी की। इस मौके पर छात्र-छात्राओं को रक्तदान की महत्ता से भी अवगत कराया गया।

बृहस्पतिवार को आईएमए ब्लड बैंक के सहयोग से तुलाज परिसर में आयोजित आयोजित रक्तदान शिविर का उद्घाटन मुख्य अतिथि लायन आरसी जैन ने किया।

■ लायंस क्लब व तुलाज इंस्टीट्यूट ने आयोजित किया रक्तदान शिविर

लायंस क्लब के द्वितीय वाइस डिस्ट्रिक्ट गवर्नर व तुलाज संस्थान के चेयरमैन पीएमजेएफ लायन सुनील कुमार जैन ने कहा कि रक्त अमूल्य है जिसे कृत्रिम रूप से नहीं बनाया जा सकता। ऐसे में रक्तदान किसी जरूरतमंद को नया जीवन दे सकता है। उन्होंने छात्र-छात्राओं से रक्तदान के प्रति समाज में जागरूकता लाने का भी आह्वान किया। शिविर में संस्थान की एग्जीक्यूटिव डायरेक्टर व हेड कार्पोरेट रिलेशंस सिल्की जैन ने चौथी बार रक्तदान किया। उन्होंने कहा कि रक्तदान करने से आत्म संतुष्टि का अनुभव होता है। रक्दान के जरिये किसी असहाय की जान बचाने बढ़कर कुछ नहीं। उन्होंने भविष्य में भी रक्तदान करने एवं रक्तदान के प्रति लोगों को जागरूक करने की बात कही। विमल चावला व अमित जैन ने कहा कि रक्तदान करने से उनके स्वास्थ्य पर कोई बुरा प्रभाव नहीं पड़ता है।

रक्तदान शिविर के मौके पर उपस्थित लायंस क्लब व तुलाज इंस्टीट्यूट के अधिकारी।

शिविर में रक्तदान को लेकर छात्र-छात्राओं के साथ शिक्षक भी खासे उत्साहित नजर आये। अलबत्ता रक्तचाप, हिमाग्लोबिन संबन्धित कई अन्य परेशानियों के कारण कुछ लोग रक्तदान नहीं कर सके। शिविर में रक्तदाताओं को डोनर कार्ड प्रदान किया गया है। साथ ही रक्त की जांच भी मुहैया कराई गई जिसमें हैपेटाइटिस बी, हैपेटाइटिस सी, एचआईवी, एड्स, मलेरिया, सिफलिस एवं ब्लड ग्रुप की जांच शामिल है।

इस मौके पर लायन अमित जैन, रामकुमार गुप्ता, गोपाल गुप्ता, जोजो गर्ग के साथ-साथ तुलाज इंस्टीट्यूट के डायरेक्टर प्रमोद कुमार, रजिस्ट्रार पवन कुमार चौबे, अमित शर्मा समेत अनेक लोग मौजूद थे।

उत्तराखंड सहित विभिन्न संगठनों ने दी राजेन टोडरिया को श्रद्धांजलि

देहरादून (एसएनबी)। उत्तराखंड प्रगति दल सहित विभिन्न संगठनों ने वरिष्ठ पत्रकार व जनमंच के संस्थापक के निधन पर दुख व्यक्त करते हुए उन्हें भावभीनी श्रद्धांजलि अर्पित की। इस मौके पर वक्ताओं ने कहा कि श्री टोडरिया के निधन से [illegible] व्यक्त करते हुए कहा कि श्री टोडरिया के निधन से उत्तराखंड को अपूरणीय क्षति हुई है। उन्होंने कहा कि श्री टोडरिया ने अपनी कलम से उत्तराखंड के गंभीर मुद्दों [illegible] जनमंच की स्थापना कर इन मुद्दों के

8/2/2013

राष्ट्रीय सहारा

Director
Tula's Institute, Dehradun

रक्तदान, महादान

तुलाज इंस्टीट्यूट में ब्लड डोनेशन कैंप

DEHRADUN (21 Feb) : तुलाज इंस्टीट्यूट में मंडे को ब्लड डोनेशन कैंप का आयोजन किया गया. कैंप का इनॉगरेशन संस्थान के चेयरमैन सुनील कुमार जैन ने [illegible] कर किया. इसके साथ ही संस्थान की एग्जीक्यूटिव डायरेक्टर सिल्की जैन ने भी ब्लड डोनेट किया. कैंप में तकरीबन 500 लोगों ने ब्लड डोनेट किया. सिल्की जैन ने बताया कि वह तीसरी बार रक्तदान कर रही हैं. हम सभी को रक्तदान जरूर करना चाहिए, क्योंकि हमारा एक कदम कई लोगों की जान बचा सकता है. इस मौके पर संस्थान के डायरेक्टर एसके गुप्ता, रजिस्ट्रार अशोक भारद्वाज, अमित शर्मा, पवन कुमार चौबे सहित भारी संख्या में फैकल्टी और स्टूडेंट्स मौजूद रहे.

ब्लड डोनेट करते लोग.

Director
Tula's Institute, Dehradun

राष्ट्रीय सहारा

रक्तदान में दिखाया छात्रों ने उत्साह

देहरादून (एसएनबी)। तुलाज इंस्टीट्यूट में आयोजित शिविर में करीब 500 से ज्यादा छात्र-छात्राओं रक्तदान किया। साथ ही छात्र-छात्राओं ने रक्त की कमी को दूर करने के लिए रक्तदान के प्रति समाज में जागरुकता लाने का संकल्प लिया।

सोमवार को धूलकोट में स्थित परिसर में आईएमए ब्लड बैंक के सहयोग से आयोजित शिविर का उद्घाटन का संस्थान के चेयरमैन सुनील कुमार जैन ने किया। छात्रों को प्रेरित करने के लिए श्री जैन ने पहले स्वयं रक्तदान किया। उन्होंने कहा कि रक्त एक जरूरत की वस्तु है। हमारे द्वारा किया गया रक्तदान किसी को जीवन दान दे सकता है। इसलिए रक्तदान जैसे पुण्य कार्य में समाज के सभी वर्गों को अपनी जिम्मेदारी करने का निर्वहन करना चाहिए। शिविर में छात्र-छात्राओं के उत्साह को देखते हुए शिक्षकों ने रक्तदान किया। इसके चलते रक्तदान करने वालों का आंकड़ा 500 पार कर गया। संस्थान की एक्जीक्यूटिव डायरेक्टर शिल्पी जैन ने तीसरी बार रक्तदान किया। उन्होंने कहा कि रक्तदान से एक अलग आत्म संतुष्टि का अनुभव होता है। पहली मर्तबा रक्तदान करने वाले छात्र-छात्राओं ने रक्तदान को लेकर समाज में फैली भ्रांतियों को दूर करने के लिए लोगों को जागरुक करने पर जोर दिया। शिविर में रक्तदाताओं को प्रमाण पत्र के साथ ही डोनर कार्ड भी दिया गया। इससे पूर्व सभी लोगों के स्वास्थ्य का परीक्षण किया गया जिसमें रक्तचाप, हिमोग्लोबिन जैसी दिक्कतों के कारण कई लोग रक्तदान करने से वंचित रह गये। इस मौके पर संस्थान के डायरेक्टर एसके गुप्ता, रजिस्ट्रार अशोक भारद्वाज, अमित शर्मा, पवन कुमार चौबे समेत अनेक शिक्षकों-कर्मचारियों ने भी रक्तदान किया।

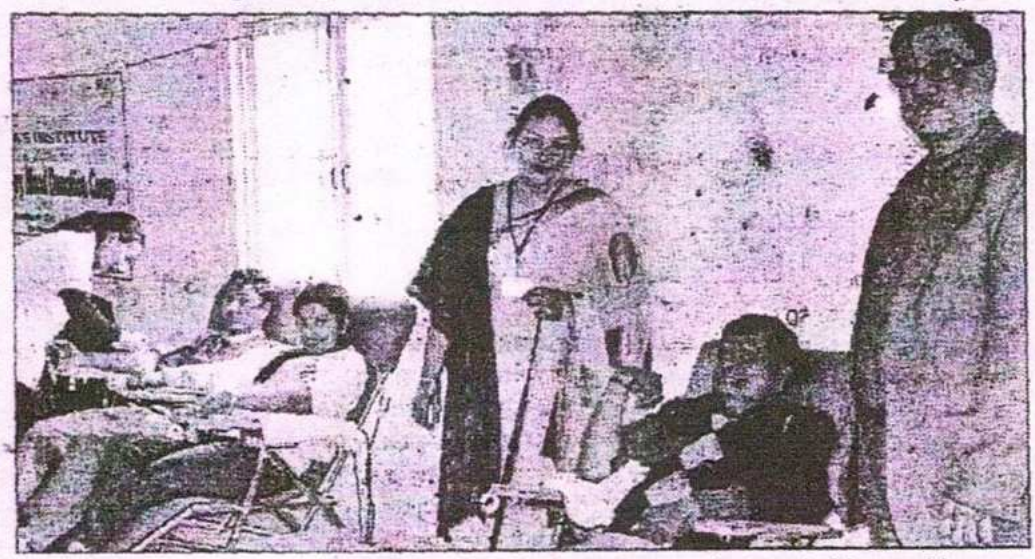
तुलाज इंस्टीट्यूट में एसजीआरआर में रक्तदान शिविर

स्वयंसेवियों ने भी किया रक्तदान

श्री गुरु रामराय पीजी कालेज में राष्ट्रीय सेवा योजना द्वारा रेड रिबन क्लब के अन्तर्गत रक्तदान शिविर का आयोजन किया गया जिसमें करीब 30 यूनिट रक्त एकत्रित किया गया। रक्तदान के लिए 80 से अधिक स्वयंसेवियों ने नामांकन कराया। एनएसएस के राज्य सम्पर्क अधिकारी, डा. एएस उनियाल ने स्वयंसेवियों को रक्तदान करने के लिए प्रेरित किया। उन्होंने कहा कि रक्तदान करने वाले शिविर में बड़ी संख्या में लोगों का स्वास्थ्य सही नहीं पाया जा रहा है, जो गंभीर चिंता का विषय है।

इसलिए एनएसएस द्वारा लोगों को स्वास्थ्य के प्रति जागरुक करने का अभियान भी चलाया जा रहा है। शिविर में करीब 80 लोगों ने पंजीकरण कराया, लेकिन स्वास्थ्य जांच के बाद सिर्फ 30 लोग ही रक्तदान कर सके।

एनएसएस के कार्यक्रम अधिकारी डा. संजय कुमार पडलिया ने स्वयं सेवकों को रक्तदान से होने वाले लाभों से अवगत कराया। इस मौके पर डा. अनिल कुमार सक्सेना श्री गुरुराम राय मेडिकल कालेज के जनसम्पर्क अधिकारी दुर्गेश सिंह, अदनान अली, उमेश तिवारी समेत अनेक लोग मौजूद थे।



शिविर में छात्र-छात्राओं के साथ रक्तदान करते संस्थान के निदेशक। फोटो : एसएनबी

ग्रामीण

पत्रांकः 2654/एस.

महामहिम राज
दिनांक 04.03.20
आमंत्रित की जाती
द्वारा उपखण्ड का
समयान्तर्गत निर्धा
करने का अधिका

क्र. सं.	कार्य का न
1.	दैवीय आपद केन्द्र तेजम में
2.	बलांती बैंड से मरम्मत कार्य

निविदा की शर्तें
1. उपरोक्त सम
2. निविदा प्रपत्र होगा।
3. निविदा केवल

Director
Tula's Institute, Dehradun

तुलाज के 550 छात्र-छात्राओं ने किया रक्तदान

रक्तदान करते तुलाज इंस्टीट्यूट के छात्र।

देहरादून (एसएनबी)। तुलाज इंस्टीट्यूट में छात्र-छात्राओं को सामाजिक गतिविधियों से जोड़ने के लिए स्वैच्छिक रक्तदान शिविर का आयोजन किया गया जिसमें करीब 550 छात्रों ने रक्तदान किया।

सोमवार को तुलाज परिसर में आयोजित शिविर का उद्घाटन संस्थान के चेयरमैन सुनील कुमार जैन व एक्जीक्यूटिव डायरेक्टर सिल्की जैन ने किया। उन्होंने कहा कि रक्त को कृत्रिम रूप से बनाया नहीं जा सकता है। रक्तदान के जरिये किसी जरूरतमंद की आवश्यकता को पूरा कर उसे नया जीवन दिया जा सकता है। इससे रक्तदाता को एक अलग आनंद की अनुभूति होती है।

एक्जीक्यूटिव डायरेक्टर सिल्की जैन ने कहा कि रक्तदान जैसे पुण्य कार्य के लिए समाज के सभी वर्गों को आगे आना चाहिए। उन्होंने कहा कि छात्र-छात्राओं के सहयोग से रक्तदान के प्रति जागरूकता लाने के लिए हरसंभव प्रयास किया जाएगा। शिविर में रक्तदान को लेकर छात्र-छात्राएं काफी उत्साहित थे। शिविर में करीब 550 लोगों ने रक्तदान किया, जबकि रक्तचाप, हीमाग्लोबिन की कमी के कारण कई लोग रक्तदान नहीं कर सके। शिविर में रक्तदाताओं को सर्टिफिकेट डोनर कार्ड के साथ-साथ रक्त की जांच भी की गई। पहली बार रक्तदान कर रहे इंजीनियरिंग के छात्र हितेश भट्ट व इलेक्ट्रिकल की छात्रा साक्षी सिंह ने कहा कि रक्तदान नुकसानदायक नहीं बल्कि स्वास्थ्य के लिए लाभदायक है।

डा. अभय कुमार ने बताया कि बीपीएल कार्ड धारकों को एवं थैलिसीमिक, हिमोफिलिया व सिकल जैसी गंभीर बीमारियों से ग्रस्त रोगियों को निःशुल्क रक्त दिया जाता है। इस मौके पर संस्थान के निदेशक डा. प्रमोद कुमार, रजिस्ट्रार डा. पवन कुमार चौबे के साथ-साथ अध्यापकगण ने भी रक्तदान किया।

छात्रों ने किया स्वैच्छिक रक्तदान

देहरादून (एसएनबी)। महंत इंदिरेश अस्पताल व उत्तरांचल कालेज ऑफ टेक्नोलॉजी एंड बायो मेडिकल साइंस कालेज की ओर से कालेज परिसर में स्वैच्छिक रक्तदान शिविर का आयोजन किया गया। शिविर में करीब 100 लोगों ने प्रतिभाग किया।

शिविर का शुभारंभ कालेज के निदेशक जीडीएस वार्ने ने किया। इस दौरान संस्थान के छात्र-छात्राओं ने रक्तदान के प्रति खासा उत्साह दिखाया। छात्र-छात्राओं के अलावा शिक्षकों व शिक्षिकाओं ने भी रक्तदान किया। संस्थान के निदेशक श्री वार्ने ने कहा कि इससे पहले भी कालेज में रक्तदान शिविर आयोजित किए जाते रहे हैं। उन्होंने रक्तदान की महत्ता के बारे में बताते हुए कहा कि रक्तदान महादान है। रक्तदान के लिए लोगों को आगे आना चाहिए। उन्होंने भविष्य में रक्तदान करने के लिए छात्रों को भी प्रेरित किया। उन्होंने बताया कि लोगों के बीच इसे लेकर कई तरह की भ्रांतियां हैं जिसके कारण ज्यादातर लोग रक्तदान करने में कतराते हैं। उन्होंने कहा कि रक्तदान करने से शरीर में किसी प्रकार की कमजोरी नहीं आती इसलिए लोगों को ऐसे शिविरों के माध्यम से आगे आना चाहिए। इस दौरान संस्थान के एकेडमिक इंचार्ज डीके गुप्ता के अलावा अध्यापक व अध्यापिका व अस्पताल का स्टाफ मौजूद रहा।

रक्तदान करने के लिए कतार में खड़े छात्र।

Director
Tula's Institute, Dehradun

तुलाज इंस्टीट्यूट में रक्तदान शिविर का आयोजन

550 लोगों ने किया रक्तदान

स्टाफ रिपोर्टर

देहरादून। रक्त को कृत्रिम रुप से बनाया नहीं जा सकता, ऐसे में आपके द्वारा किया गया रक्तदान किसी जरुरतमंद की रक्त की आवश्यकता को पूरा करने पर एक अलग ही आनंद की अनुभूति होती है।

रक्तदान के प्रति जागरि जगाने की ओर एक और कदम बढ़ाया तुलाज इंस्टीट्यूट ने जहां सोमवार को सैकड़ों छात्र-छात्राओं ने रक्तदान किया। आई एम ए ब्लड बैंक की सहायता से तुलाज इंस्टीट्यूट में स्वैच्छिक रक्तदान शिविर का आयोजन किया गया। जिसका उद्घाटन संस्थान के चेयरमेन सुनील कुमार जैन व एग्जीक्यूटिव डायरेक्टर सिल्की जैन ने किया। शिविर में छात्र-छात्राएं रक्तदान को लेकर खासे उत्साहित नजर आये। इस उत्साह को देखकर संस्थान के अध्यापकगणों ने भी रक्तदान किया।

शिविर में लगभग 550 लोगों से भी ज्यादा ने रक्तदान किया। संस्थान की एग्जीक्यूटिव डायरेक्टर सिल्की जैन ने भी रक्तदान किया। उनका मानना है कि यदि उनका रक्त किसी असहाय की जान बचा सके तो इससे बढकर और कुछ नहीं, वह आगे भी रक्तदान करती रहेंगी और रक्तदान के प्रति लोगों को जागरुक करती रहेंगी। पहली बार रक्तदान कर रहे इन्जीनियरिंग के छात्र हितेश भट्ट का कहना है कि हर व्यक्ति को रक्तदान करना चाहिये, इससे न केवल किसी की जान बचाई जा सकती है बल्की अपने स्वास्थ्य के लिए भी उत्तम है। इलैक्ट्रिकल की छात्र साक्षी सिंह का मानना है कि लोगों को इस भ्रम से बाहर निकलना होगा कि रक्तदान करने से उनके स्वास्थ्य पर कोई बुरा प्रभाव पड़ेगा।

आईएमए ब्लड बैंक की एम्बेसेडर जितेन्द्र रानी सिंह रक्तदान के प्रति छात्रों की जागरुकता को देख उनके इस जज्बे की खूब प्रशंसा की और कहा कि इस जागरुकता के कारण ही असहायों की जान बच पाती है। डा0 अभय कुमार ने बताया कि थै रक्त बी.पी.एल. कार्ड-धारको को व थेलिसेमिक, हिमोफिलिक व सिकल जैसी गम्भीर बीमारियों से ग्रस्त रोगियों को मुक्त दिया जाता है। शिविर में संस्थान के निदेशक डा0 प्रमोद कुमार, रजिस्ट्रार डा0 पवन कुमार चौबे के साथ-साथ अन्य कर्मचारियो नें भी रक्तदान किया।

Director
Tula's Institute, Dehradun

तुलाज में विश्वस्तरीय सॉफ्टवेयर डेवलपमेंट सेल का उद्घाटन करते प्रमुख सचिव राकेश शर्मा। फोटो : एसएनबी

पांच सौ छात्रों ने किया रक्तदान

देहरादून (एसएनबी)। तुलाज इंस्टीट्यूट में उत्तराखंड शिक्षा के प्रमुख सचिव राकेश शर्मा ने विश्वस्तरीय सॉफ्टवेयर डेवलपमेंट सेल का उद्घाटन किया। इस उपलक्ष्य में तुलाज के मेधावी छात्र-छात्राओं द्वारा स्वयं तैयार की गई वेबसाइट को प्रदर्शित किया गया। सेल का प्रयोग बीटेक अंतिम वर्ष के छात्र प्रोजेक्ट, शिक्षक व छात्र रिसर्च वर्क करने में करेंगे। शर्मा ने तुलाज में रक्तदान शिविर का भी उद्घाटन किया। शिविर में 500 छात्र-छात्राओं ने रक्तदान किया।

मंगलवार को तुलाज इंस्टीट्यूट में प्रमुख सचिव ने चेयरमैन सुनील कुमार जैन के नेतृत्व में कैम्पस का भ्रमण किया। इस दौरान तुलाज द्वारा तैयार की गई संदर्भ पुस्तकालय का शर्मा ने भूरि-भूरि प्रशंसा की एवं इतने कम समय में संस्थान के इंफ्रास्ट्रक्चर को विश्वस्तरीय बनाने के लिए सुनील कुमार जैन को बधाई सराहना की। श्री जैन ने बताया कि तुलाज इंस्टीट्यूट ने मुख्य क्रम नगर में कैम्पस को विश्वस्तरीय प्रयोगशालाएं और आडिटोरियम छात्रों के लिए उपलब्ध कराये है। उन्होंने कहा कि इसी तरह से आगे भी छात्रों के उज्ज्वल भविष्य को ध्यान में रखते हुए पूर्ण इंफ्रास्ट्रक्चर उपलब्ध कराने के लिए कटिबद्ध है।

उन्होंने बताया कि संस्थान में रक्तदान शिविर का आयोजन उत्तराखण्ड स्वास्थ्य विभाग की प्रदत्त उत्प्रेरक इकाई के सहयोग से किया गया। अन्त में तुलाज के एडमाइनर जीजी राय, डायरेक्टर डॉ. आरके बेटली एवं रजिस्ट्रार डॉ. आरके त्रिपाठी ने प्रमुख सचिव का धन्यवाद दिया।

अब ली विस्थापितों की खोज-खबर

देहरादून (एसएनबी)। शासन ने विस्थापन के पच्चीस वर्ष बाद टिहरी बांध विस्थापितों की खोज-खबर ली। इसके लिए शासन ने विस्थापित क्षेत्र की समस्याओं को जानने के लिए शासन की ओर से समिति का गठन किया गया। समिति सभी विस्थापित क्षेत्रों की समस्याएं जानने के बाद शासन को रिपोर्ट सौंपेगी। इसी कड़ी में सोमवार को समिति टी-स्टेट बंजारावाला पहुंची और समस्याओं की जानकारी ली।

टिहरी बांध प्रभावितों को दून, हरिद्वार, ऋषिकेश व नई टिहरी के कई क्षेत्रों में विस्थापित किया गया है। इसकी सूचनाएं लगभग पच्चीस वर्ष पूर्व हुई थी तब से आज तक सरकार टीएचडीसी विस्थापित क्षेत्रों में मूलभूत सुविधाएं उपलब्ध नहीं करा पाई। दूरस्थ क्षेत्र की बात न भी करें तो विधानसभा से मात्र दो-ढाई किमी की दूरी पर टीएचडीसी कालोनी व टी-स्टेट बंजारावाला में आज भी मूलभूत सुविधाओं का अभाव है।

बीस वर्ष बाद भी आवासीय कालोनी में कई क्षेत्र हैं जहां बिजली तक मौजूद नहीं जबकि टीएचडीसी तथा क्षेत्र के लोगों द्वारा लगातार उन्हें कनेक्ट करने का कहा है। ऐसी कई समस्याएं अस्थाई बंजारावाला के विस्थापित क्षेत्रों में हैं। पथरी (हरिद्वार) जैसे दूरस्थ क्षेत्र में तो समस्याओं का अंबार लगा है। शासन द्वारा गठित समिति से विस्थापितों में समस्याएं हल होने की उम्मीद जगी है। सामाजिक अन्तःक्षेत्र विकास समिति टी-स्टेट (टिहरी) के पूर्व प्रधान विजय सिंह पुंडीर ने समिति के सदस्यों को क्षेत्र की समस्याओं से अवगत कराया।

- शासन की समिति क्षेत्र भ्रमण पर
- टी-स्टेट बंजारावाला के निवासियों ने गिनाई समस्याएं

बंजारावाला के अध्यक्ष व केदार (टिहरी) के पूर्व प्रधान विजय सिंह पुंडीर ने समिति के सदस्यों को क्षेत्र की समस्याओं से अवगत कराया। [illegible]

अंतिम रूप दिया

Director
Tula's Institute, Dehradun

Annexure - II

Best Practice - 2

Director
Tula's Institute, Dehradun

BEST PRACTICE – II

1. **Title of the Practice:** Bridging Curriculum Gaps through Add-On Courses and Certifications

2. **Objectives of the Practice:** In today's rapidly evolving professional landscape, there is a pressing need for students to acquire skills beyond the standard academic curriculum. Tula's Institute recognizes the importance of supplementing traditional education with industry-relevant knowledge. The objective of offering add-on courses is to bridge the gap between academic learning and market demands. These courses equip students with specialized skills, enhance their employability, and offer certifications that validate their expertise in areas aligned with industry trends.

3. **The Context:** The fast-paced changes in technology and industry practices often create gaps between the content of academic curricula and the skills demanded in the professional world. Recognizing this, Tula's Institute has designed add-on courses that complement the existing syllabus, ensuring that students gain both theoretical knowledge and practical skills. These courses focus on current technologies and methodologies, enabling students to stay competitive and prepared for real-world challenges. The certifications that accompany these courses not only enhance students' resumes but also provide them with an edge in the job market.

4. **The Practice:** Add-on courses are conducted alongside the regular syllabus to provide students with practical exposure to cutting-edge technologies and industry practices. The courses are designed in collaboration with industry professionals and cover a wide range of domains such as data analytics, AI and machine learning, cloud computing, cybersecurity, and more. These courses are structured to ensure flexibility and relevance, allowing students to earn industry-recognized certifications that validate their newly acquired skills.

5. **Evidence of Success:** The initiative has been highly successful, with many students enrolling in these courses and earning certifications. Feedback from students indicates increased confidence and enhanced readiness for job opportunities. Many students who have completed these courses have reported that the skills and certifications gained have helped them secure internships and job offers. Furthermore, collaboration with industry partners has strengthened the relevance and credibility of these certifications, making students highly sought after in the job market.

6. **Problems Encountered and Resources Required:**
   - **Time Management:** Students often find it challenging to balance their academic workload with additional coursework from add-on programs.
   - **Resource Constraints:** Developing and updating content for these specialized courses requires continuous input from industry experts and access to the latest technologies.
   - **Awareness and Engagement:** Encouraging all students to recognize the importance of these additional certifications and participate actively in these courses can be difficult at times.

Director
Tula's Institute, Dehradun

Index

Add-On Cources for Academic Year 2022-23

S. No.	Particulars	Annexure No.
1.	IIT Bombay Spoken Tutorial Latex	Annexure - I
2.	Short Term Course On Python	Annexure - II
3.	Short Term Course On Front-End Development Using Html,Css & Javascript	Annexure - III
4.	Short Term Course On Machine Learning	Annexure - IV
5.	Short Term Course On Cloud Computing Using Aws	Annexure - V
6.	Short Term Course On Autocad	Annexure -VI
7.	Short Term Course On 3-D Printing	Annexure - VII
8.	Short Term Course On Electric Vehicle- Simulation & Design Using Matlab	Annexure - VIII
9.	Short Term Course On Node.Js	Annexure - IX

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10.	Short Term Course On Uipath And Rpa	Annexure - X
11.	1 Week Add On Certificate Course On Google Sketchup	Annexure - XI
12.	Certificate Programm On Agripreneurship	Annexure - XII
13.	Certificate Programm On Food Processing & Prevention	Annexure -XIII
14.	Certificate Programm On Organic Production &Composting Technology	Annexure - XIV
15.	Capacity Building Certificate Programme On Agri Startups And Use Of E-Commerce,Digital Plateforms And Marketing	Annexure - XV
16.	Short Term Course On Video Editing & Production By Liberal Arts Production	Annexure - XVI
17.	Short Term Course On Digital Film Making By Imagine Films	Annexure - XVII
18.	Short Term Course On Data Analysis On Spss	Annexure - XVIII
19.	Short Term Course On Data/ Business Analytics	Annexure - XIX
20.	Short Term Course On Advanced Excel	Annexure - XX
21.	Short Term Course On Six Sigma	Annexure - XXI
22.	Short Term Course On Microsoft Power Bi With Tableau	Annexure - XXII

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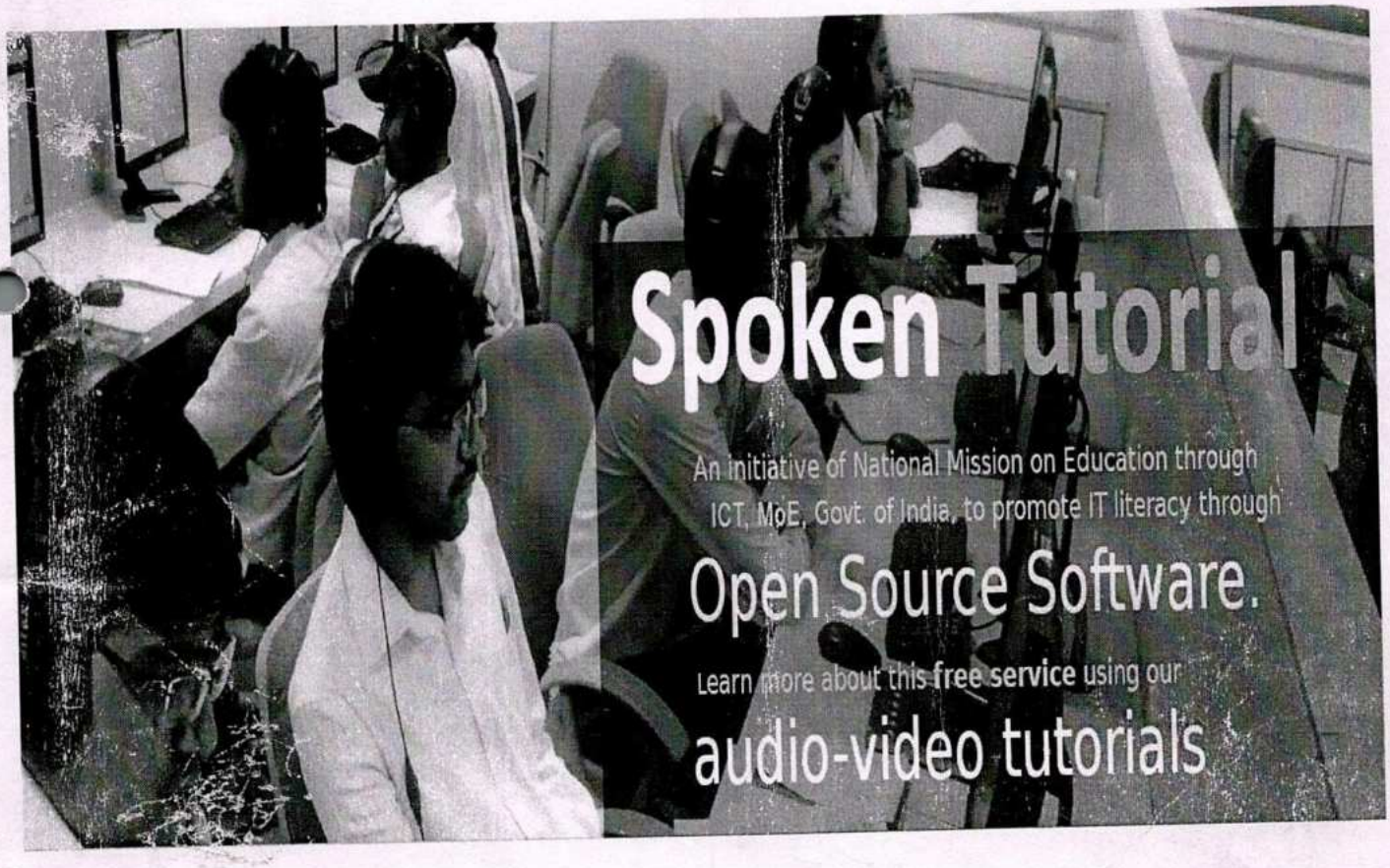
Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year :2022-23

S.No.	Name of Add on /Certificate programs offered	Year of offering	students enrolled	Students completed the course
1	Spoken Tutorial Latex	2022-23	216	216
2	Python	16-20 June 2023	181	181
3	Front-End Development using HTML,CSS & JavaScript	5-10 June 2023	54	54
4	Machine Learning	5-10 June 2023	107	107
5	Cloud Computing using AWS	15- 21 June2023	144	144
6	Autocad	29 Aug - 2 Sept 2022	31	31
7	3-D Printing	1 May - 5 May 2023	48	48
8	Electric Vehicle- simulation & Design	24 - 28th April 2023	66	66
9	Node.js	22 June 2023 to 28 June 2023	169	169
10	UIPATH and RPA	19 June 2023 to 24 June 2023	126	126
11	1 Week course on Google Sketchup	21st June to 25th June	107	107
12	Certificate Program on Agripreneurship	28.01.2023 to 4.02.2023	127	127
13	Certificate Program on Food Processing & Prevention	28.01.2023 to 4.02.2023	34	34
14	Certificate Programm on Organic Production &Composting Technology	28.01.2023 to 4.02.2023	45	45
15	Capacity Building Certificate Programme on Agri Startups and use of E-Commerce,Digital Plateforms and Marketing	28.01.2023 to 4.02.2023	97	97
16	Video Editing & Production by liberal arts production	28.01.2023 to 04.02.2023	37	37
17	Digital film making by imagine films	05.06.2023 to 10.06.2023	37	37
18	DATA ANALYSIS ON SPSS	24 April - 28April 2023	91	91
19	DATA/ BUSINESS ANALYTICS	30 Jan - 4 Feb 2023	219	219
20	ADVANCED EXCEL	30 Jan - 4 Feb 2023	102	102
21	Six Sigma	5 Jun - 9 Jun 2023	214	214
22	Microsoft Power BI with Tableau	5 Jun - 10 Jun 2023	199	199

Director
Tula's Institute, Dehradun

Annexure -I

IIT Bombey Spoken Tutorial Latex



Director
Tula's Institute, Dehradun

FAONLINE CERTIFICATION COURSE ON SPOKEN TUTORIAL, PROJECT MANAGEMENT BY IIT BOMBAY

Department of Applied Sciences and Engineering, Tula's Institute, Dehradun conducted "Online certification course on Spoken Tutorial, project management by IIT, Bombay duration of which was six months and certification were provided at the end of program. The Department enrolled on 20 September, 2022 for the program where B.Tech I year CSE, ECE, EEE, CE,ME and diploma ME & CE branches Enrolled in the aforesaid program.

The spoken tutorial project is the initiative of the 'Talk to a teacher' activity of National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Education, Government of India to promote IT literacy through Open Source Software. The Spoken Tutorial Project is about teaching and learning a particular FOOS (Free and Open Source Software) like Linux, Scilab, Latex, PHP, My SQL, java, C/C++, LibreOffoce etc. via an easy Video tool.

The entire above mean a big deal to students for their career with recruitments and at PG interviews. Today, SMEs and Govt. Department are moving to open source software like Linux OS. Student with this knowledge will have an edge in the job market. They can also become entrepreneurs and use Open Source Software in their businesses and save money. The students and teachers benefited with this distance education method and are highly conductive to learn in the campus. CSE, EEE and EE student opted for C++ and Latex whereas ME & CE students chose C++ and Q-Cad for learning. The course was very fruitful for the students as well the teachers and helped them not only with the knowledge but an add on certificate to their experience. Overall 216 students were qualified and adorned with the certificates.

Director
Tula's Institute, Dehradun

Spoken Tutorial
Project at
IIT Bombay

Certificate for the Completion of LaTeX Training

This is to certify that **SHUBHAM KUMAR JHA** has successfully completed **LaTeX** test organized at **TULA'S Institute the Engineering and Management college, Dehradun** by **Tanuja Uniyal** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Tikaram Karnwal from **TULA'S Institute the Engineering and Management college, Dehradun** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 2 **Score:** 65.00%

April 3rd 2023

Prof. Kannan M Moudgalya
IIT Bombay

Director
Tula's Institute, Dehradun

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the Nationa Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

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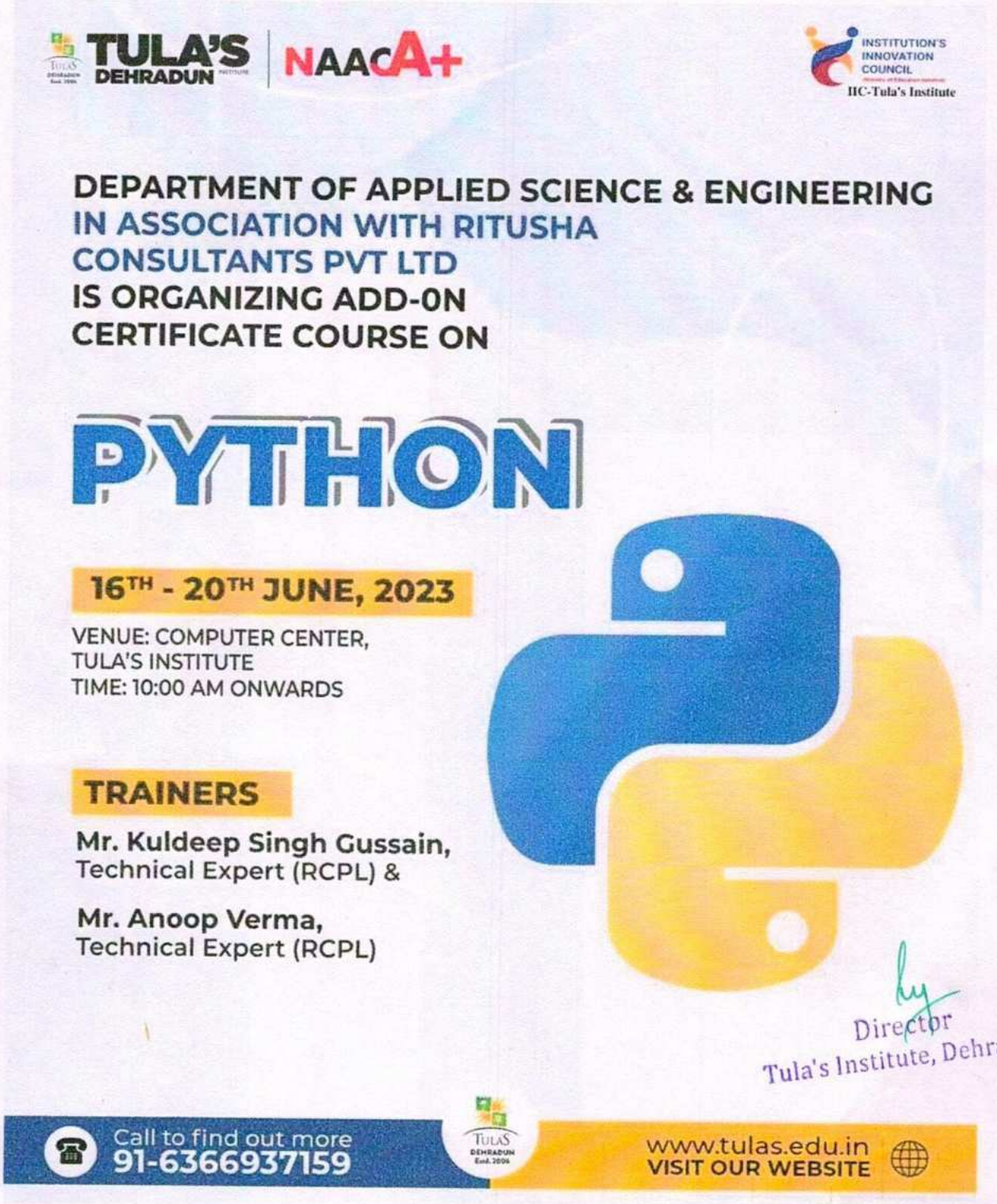
Annexure -II

Short Term Course on Python

Annexure-II

EVENT POSTER



DEPARTMENT OF APPLIED SCIENCE & ENGINEERING

Event: Short Term Course on Python

Organized by: Department of Applied Science & Engineering

Date: 16 June 2023 to 20June 2023

OBJECTIVES:

This add-on course aims to improve the students' IT skills and increase their employability because Python is simple to master and helps the individual skills to land a great profession in the quickly growing data science business. Additionally, it will be useful for simple programmes that make use of basic programming features like variables, conditional logic, loops, and functions. Additionally, people can find employment in the future that will be lucrative due to the increasing need for Python programmers brought on by the daily emergence of new machine learning applications.

OUTCOMES:

The learning outcomes of an add-on course on Python can vary depending on the specific content and goals of the course.

- Understanding the fundamentals: Gain a solid understanding of the basic concepts and syntax of the Python programming language, including variables, data types, control structures (such as loops and conditionals), functions, and modules.
- Writing Python programs: Develop the ability to write Python programs to solve a variety of problems.
- Working with data: Learn how to manipulate and process data using Python.
- Object-oriented programming (OOP): Understand the principles of object-oriented programming and learn how to apply them in Python

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- Using libraries and frameworks: Explore popular Python libraries and frameworks that extend the functionality of Python and make development tasks more efficient.
- Debugging and error handling: Develop skills in debugging Python programs and handling errors effectively.
- Good programming practices: Learn about best practices for writing clean, readable, and maintainable Python code.
- Problem-solving and algorithmic thinking: Enhance problem-solving skills and learn how to think algorithmically.

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Annexure-III

SUMMARY REPORT

The main objective of this Add on Couse was to impart knowledge among the students. Python add-on course focuses on enhancing students' IT skills to boost employability in the rapidly growing field of data science. There was the active participation of the students during the course from first day to the last day. The participants gained hands-on experience in utilizing Python tools and various libraries during the session, providing them with practical skills essential for today's competitive environment. Throughout the entire 5-day program, students actively engaged in sessions. The workshop aimed to empower students by making them industry-ready with a strong foundation in Python. Daily assessments ensured continuous learning progress checks. On the final day, student feedback revealed high satisfaction, affirming the workshop's value addition. The active participation of students throughout the program underscored the successful fulfillment of the Add on Course objectives. Every participant acquired a new skill aligning with the institute's focus on skill-based learning, expressing gratitude for a fruitful, dynamic, and knowledge-packed workshop that enhances their readiness for the industry.

Director
Tula's Institute, Dehradun

nnexure-IV

EVENT PHOTOGRAHS

LAB SESSION

Director
Tula's Institute, Dehradun

LAB SESSION

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Director
Tula's Institute, Dehradun

GROUP PHOTOGRAPH

Director
Tula's Institute, Dehradun

rcpl

CENTRE OF EXCELLENCE

CERTIFICATE

Inspire to Aspire

This is to certify that

Mr. / Ms. **ABU AAMIR**

of

TULAS INSTITUTE, DEHRADUN

has successfully completed a 1 Week Add on Certificate on

PYTHON

from 16th June'23 to 20th June'23

On behalf of RCPL INDIA

Director

Certification ID : RCPL-2023/4734

Date: 20th June'23

Microsoft CERTIFIED Program

Hewlett Packard Enterprise

NASSCOM

EC-Council Accredited Training Center

ORACLE Workforce Development Partner

Director
Tula's Institute, Dehradun

Annexure -III

Short Term course On Front End Development Using HTML, CSS & javascript

EVENTREPORT

Tula's Instituteis conducteda6-dayWorkshop on FRONT END development using HTML, CSS,JAVA SCRIPT from 5th June 2023 to 10th June 2023. The inaugural session was heldon 5th June 2023 and the occasion was graced by esteemed inaugural speakers namely:-

- Dr.SandeepVijay(ProfessorandDirector,Tula'sInstitute)
- Dr.NishantSaxena(ProfessorandDeanAcademics,Tula's Institute)
- Dr.AnandKumarGupta(AssociateProfessorandHODCSE,Tula'sInstitute)
- Mr.Raghavendra(Trainer,BrillicaServices)

EVENT POTSER

Director
Tula's Institute, Dehradun

Department of Computer Science & Engineering

Event: Short Term Course on FRONT END development using HTML

Organized by: Department of Computer Science & Engineering

Date: 5 June 2023 to 10June 2023

Objectives: The objective of a workshop on Front-end development using HTML, CSS & JavaScript can vary depending on the specific goals and target audience. However, here are some common objectives that such a workshop might aim to achieve:

Introduction to HTML: The workshop kicked off with an immersive introduction to html programming. Participants were introduced to the basic syntax and structure of the language. They learned about variables, data types, and control flow structures such as loops and conditional statements.

- Introduction to CSS: Participants learned about the CSS. CSS stands for Cascading Style Sheets. CSS describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once.
- Introduction to Java script: Participants developed deeper knowledge about JavaScript (JS), which is a lightweight, interpreted, or just-in-time compiled programming language with first- class functions. While it is most well-known as the scripting language for Web pages, many non-browser environments also use it, such as Node.js, Apache Couch DB and AdobeAcrobat.
- Weather app using accuaweather API: As the workshop progressed, the focus shifted to AccuWeather app that supports a number of weather APIs that provide us with up-to-date and highly accurate forecasts around the globe. It provides utility APIs that lets users retrieve unique identifiers and geographical coordinates for various locations. This information is useful because most oftheAPIs we cover inthis course require the location Keyof alocation, rather than its name, as a parameter.
- Receipy book using JSON-server: Participants worked on hands-on projects and case studies, collaborating with their peers to solve complex problems. They explored JSON server, JSON. It abbreviates for "JavaScript Object Notation". JSON is nothing but an open standard file format and data interchange format. It uses human-readable text to store and transfer data objects.It generallyconsists oftwohumanreadable attributesi.e. value pairs andarrays.JSON is a very common data format having different applications. For example, a web application communicating with a server uses JSON.

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Tula's Institute, Dehradun

- Git-hub & project deployment: On the final day, theworkshop ventured into advanced topics and the future directions of web development. Participants explored GitHub, GitHub allows developers to change, adapt and improve software from its public repositories for free, but it chargesforprivaterepositories,offeringvariouspaidplans.Eachpublicandprivaterepository contains all of a project's files, as well as each file's revision history. Repositories can have multiple collaborators and can be either public or private.
- Case Studies and Hands-on Labs: Participants should learn how to design and developed scalable and highly available static and dynamic websites.
- Real-world UseCases: Theworkshopshouldshowcasereal-worldexamplesandcase studies of organizations that have successfully developed websites and webpagesusing HTML, CSS & JAVA SCRIPT. This can help participants understand how JAVA SCRIPT can be applied to various industries and business scenarios.
- Q&A and Networking: The workshop should provide ample opportunities for participants to ask questions, interact with instructors and experts, and network with peers who share similar interests in HTML, CSS & JAVASCRIPT.

Outcomes: The objective of a workshop on Front-end development using HTML, CSS & JavaScript can vary depending on the

Understanding Full stack development: Participants gain knowledge about various static and dynamic websites such as college websites , about webapplication like whatsapp webapplication , etc.

Hands-on Experience: Workshops often involve practical exercises ordemonstrations, enabling participants to gain hands-on experience in deploying applications on AWS and using different services.

Architecture Design: Participants learn about designing and implementing websites and webpages using HTML, CSS & JAVA SCRIPT, including best practices for security, scalability, and cost optimization.

Cost Optimization: The workshop may cover cost optimization strategies, teaching participants how to monitor and control costs when developed any website or web application.

Networking and Security: Participants learn about webpages networking concepts, security features, and how to configure security groups, access control policies, and network architecture in the AWS environment..

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Tula's Institute, Dehradun

Scalability and Performance: The workshop may cover techniques for optimizing application performance and scaling resources on webpages to handle increased workloads.

SummaryReport:

The main objective of the workshop was to impart knowledge among the students. On the first day of the workshop the students of Tula's Institute showed active participation and the same continued till the last day. Mr. Raghvendrahelped students gain technical knowledge of FrontEnd development. The students got to know about how to use Html, CSS javascript and its various libraries which come handyfor today's competitive environment.

Throughout the entire workshop program, the students were active.After every session of the workshop a Q and A session was also held where the queries of the students were discussed. Brainstorming of ideas and queries from the students was actively addressed and taken due care. Not only confined to this the participating students were provided with auser manual of Front-End so that they can learn web-development about according to their comfort.

Overall, the 6-day workshop was a value addition for the students. It inculcated a feeling of empowerment among the participating students.

The workshop helped acing the students this software so that they would be industry ready and would have an edge over others. There was proper daily assessment conducted to check the learning progress of the students.

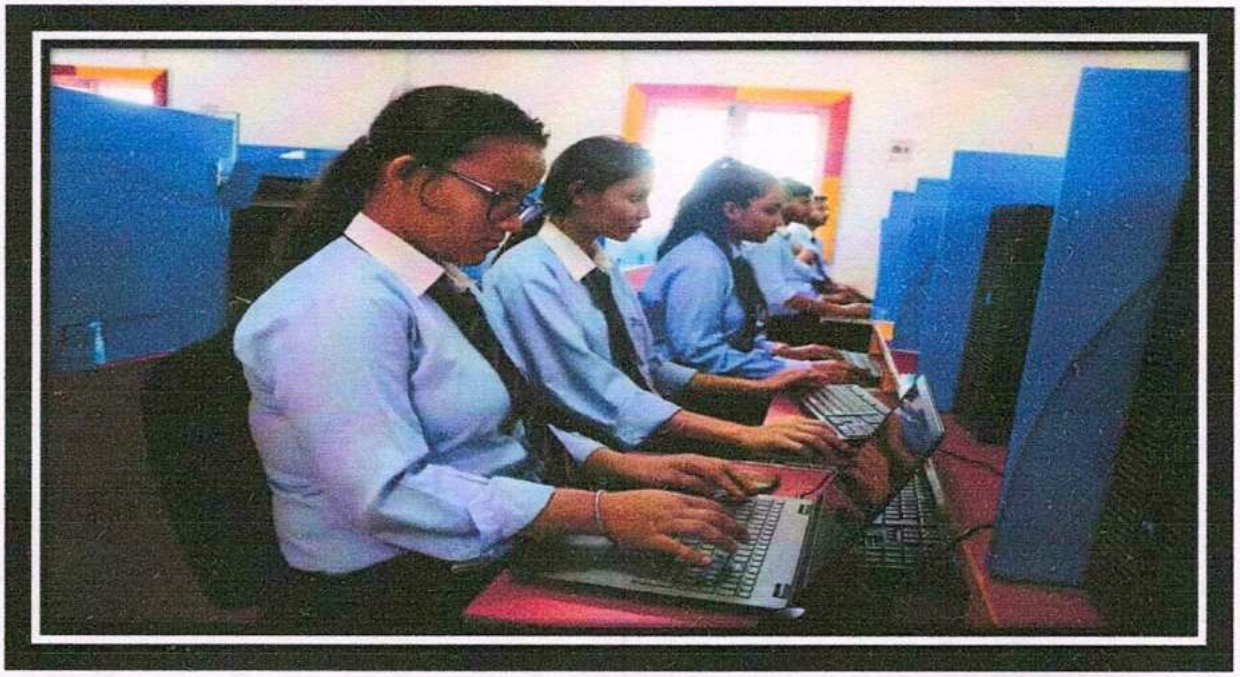
On the final day of the workshop, student feedback was also taken andmaximum participants were satisfied with the value addition that took place. The student presence throughout the workshop was itself a proving fact that the main motive of the same was fulfilled and productive learning was achieved.

The objectives and outcomes of the workshop were achieved to a greater extent and every student who was a part of this workshop learnt a new skill. Skill based learningis the motive of our institute and impartingthe right skillset amongthe student was trulyachieved through this workshop. The participating students were grateful to the organizers andthe management of the college for conducting such a fruitful, dynamic and knowledge-based workshop that will surely help them acing the industry and bringing out the best of themselves.

Director
Tula's Institute, Dehradun

EVENTPHOTOGRAPHS

GROUP PHOTOGRAPH



LAB SESSION

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Tula's Institute, Dehradun

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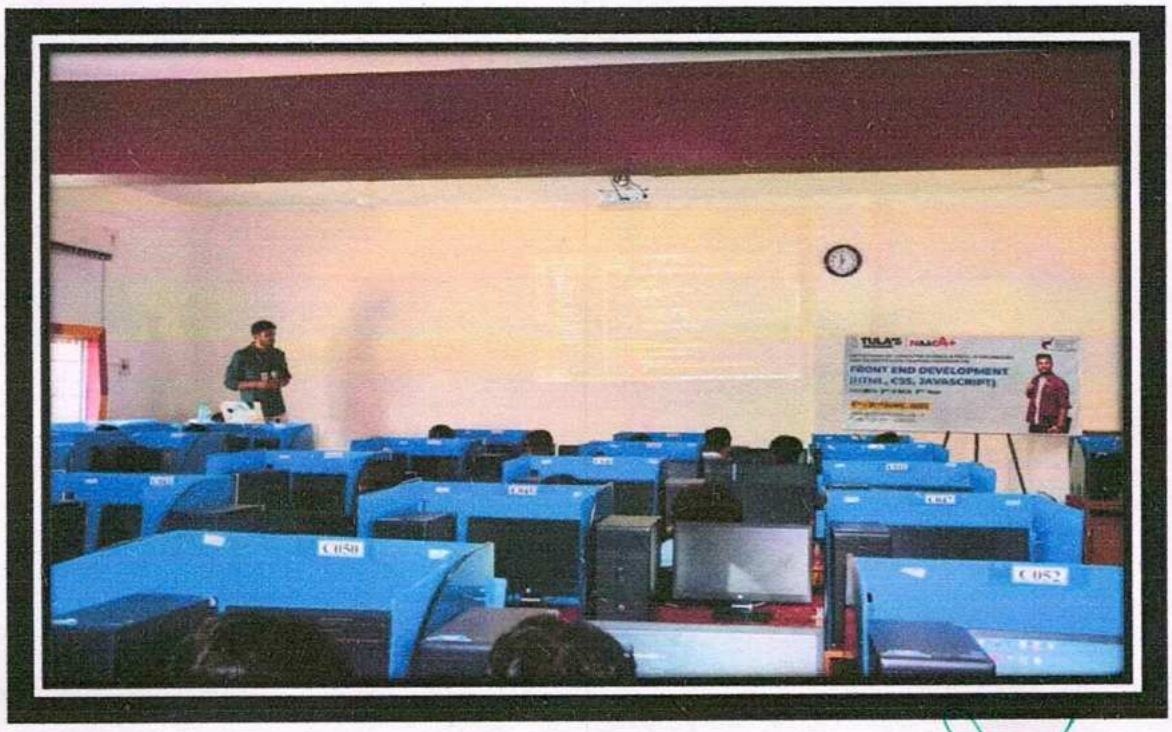

LAB SESSION

Director
Tula's Institute, Dehradun

Date of Issue : 27 June 2023
Certificate No. : BSPL030906577

BRILLICA
SERVICES

Certificate of Completion

This Certificate accredits that

Anupam Kumar

has successfully completed certificate course on

FullStack Web Development

Duration : 30 hours

Our Industry Association

intel partner alliance

Microsoft
Authorized Education Partner

Director
Tula's Institute, Dehradun

BRILLICA SERVICES PVT. LTD.
DIRECTOR
DELHI

Annexure -IV

Short Term Course on Machine Learning

EVENT REPORT

Tula's Institute is conducted a 6-day Workshop on Machine Learning from 5th June 2023 to 10th June 2023. The inaugural session was held on 5th June 2023 and the occasion was graced by esteemedinaugural speakers namely:-

- Dr. Sandeep Vijay(Professor and Director, Tula's Institute)
- Dr. Nishant Saxena (Professor and Dean Academics, Tula's Institute)
- Dr. Anand Kumar Gupta (Associate Professor and HOD CSE, Tula's Institute)
- Mr.Vikas Singh (Python and Machine Learning Trainer, Brillica Services)

Director
Tula's Institute, Dehradun

Department of Computer Science & Engineering

Event: Short Term Course on Machine Learning.

Organized by: Department of Computer Science & Engineering

Date: 5 June 2023 to 10June 2023

Objectives:

Prediction: Machine learning algorithms are often used to make predictions or forecasts based on historical data. The objective is to develop models that can accurately predict future outcomes or behaviors.

Classification: Machine learning can be used to classify data into different categories or groups based on patterns in the input data. For example, it can be used to classify emailsas spam or non-spam, or to categorize images into different object classes.

Clustering: Clustering aims to group similar data points together based on their characteristics or features. It helps in discovering patterns or structures in the data without prior knowledge of the groups. It is often used in customer segmentation, anomaly detection, or data exploration.

Optimization: Machine learning can be used to optimize a system or process by finding the best set of parameters or configurations that maximize or minimize a specific objective or performance metric. It is commonly used in areas such as resource allocation,scheduling, and control systems.

Pattern recognition: Machine learning algorithms can learn to recognize patterns or regularities in data, such as image or speech recognition. This objective involves training models to identify and extract meaningful features from the data to make accurate predictions or classifications.

Anomaly detection: Machine learning can be applied to identify unusual or anomalous data points or patterns that deviate from the norm. It is useful in various applications, suchas fraud detection, network intrusion detection, or equipment failure prediction.

Outcomes :

Improved accuracy in predictions and decision-making: Machine learning algorithms can analyze large volumes of data and identify patterns and correlations that humans might overlook. This has led to improved accuracy in predictions and decision-making across fields such as finance, healthcare, marketing, and more.

Automation and efficiency: Machine learning has enabled automation of tasks that were previously performed manually, leading to increased efficiency and productivity. Tasks such as data entry, image recognition, language translation, and customer support can now be automated, freeing up human resources for more complex and creative work.

Director
Tula's Institute, Dehradun

Personalization and recommendation systems: Machine learning algorithms power personalized recommendations in various platforms, such as streaming services, e- commerce websites, and social media. By analyzing user preferences and behavior, these systems can suggest relevant content and products, enhancing the user experience and driving engagement.

Fraud detection and cybersecurity: Machine learning algorithms have greatly improved fraud detection and cybersecurity systems. By analyzing patterns and anomalies in data, these algorithms can identify potentially fraudulent transactions or malicious activities, helping organizations protect themselves and their customers from cyber threats.

Healthcare advancements: Machine learning has made significant contributions to healthcare. It has facilitated the development of diagnostic tools that can detect diseases and conditions earlier and with greater accuracy. Machine learning models can analyze medical images, genetic data, and patient records to assist in diagnosis and treatment planning. It has also enabled the creation of personalized medicine by tailoring treatments to an individual's unique characteristics.

Autonomous vehicles: Machine learning plays a crucial role in the development of autonomous vehicles. Algorithms analyze sensor data, such as cameras and lidar, to recognize objects, navigate roads, and make real-time decisions. Machine learning helps improve the safety and efficiency of self-driving cars, making them more viable for futuretransportation systems.

Natural language processing and chatbots: Machine learning has advanced natural language processing capabilities, enabling computers to understand and respond to human language. Chatbots powered by machine learning algorithms can engage in conversational interactions, provide customer support, and perform tasks like scheduling appointments oranswering inquiries.

Scientific discoveries and research: Machine learning has facilitated scientific discoveries by analyzing large datasets and identifying complex patterns. It has been used in various scientific fields, including astronomy, genomics, particle physics, and drug discovery, to accelerate research and make new breakthroughs.

Summary Report:-

The main objective of the workshop was to impart knowledge among the students. On the first day of the workshop the students of Tula's Institute showed active participation and the same continued till the last day. Mr.Vikas Singh helped students gain technical knowledge of Machine Learning. The students got to know about how to use python tool and its various libraries which come handy for today's competitive environment.

Throughout the entire workshop program, the students were active. After every session of the workshop

Director
Tula's Institute, Dehradun

a Q and A session was also held where the queries of the students were discussed. Brainstorming of ideas and queries from the students was actively addressed and taken due care. Not only confined to this the participating students were provided with a user manual of Machine Learning so that they can learn Machine Learning about according to their comfort.

Overall, the 6-day workshop was a value addition for the students. It inculcated a feeling of empowerment among the participating students.

The workshop helped acing the students this software so that they would be industry ready and would have an edge over others. There was proper daily assessment conducted to check the learning progress of the students.

On the final day of the workshop, student feedback was also taken and maximum participants were satisfied with the value addition that took place. The student presence throughout the workshop was itself a proving fact that the main motive of the same was fulfilled and productive learning was achieved.

The objectives and outcomes of the workshop were achieved to a greater extent and every student who was a part of this workshop learnt a new skill. Skill based learning is the motive of our institute and imparting the right skillset among the student was truly achieved through this workshop. The participating students were grateful to the organizers and the management of the college for conducting such a fruitful, dynamic and knowledge-based workshop that will surely help them acing the industry and bringing out the best of themselves.

EVENT PHOTOGRAHS

Director
Tula's Institute, Dehradun

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Director
Tula's Institute, Dehradun

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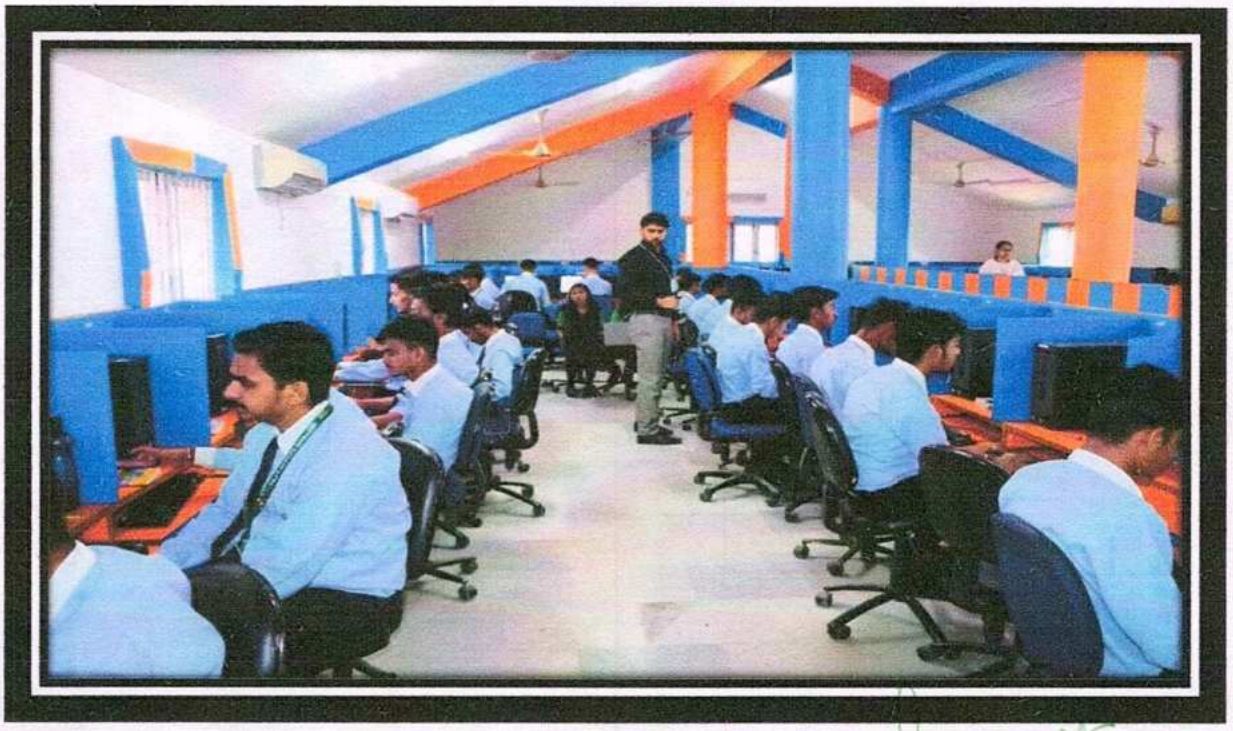

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Director
Tula's Institute, Dehradun

GROUP PHOTOGRAPH

Director
Tula's Institute, Dehradun

Date of Issue : 27 June 2023
Certificate No. : BSPL030906448

BRILLICA
SERVICES

Certificate of Completion

This Certificate accredits that

Deepak Serala

has successfully completed certificate course on

Machine Learning

Duration : 30 hours

Director
Tula's Institute, Dehradun

BRILLICA SERVICES PVT. LTD.
DIRECTOR
DELHI

Our Industry Association

intel partner alliance

Microsoft
Authorized Education Partner

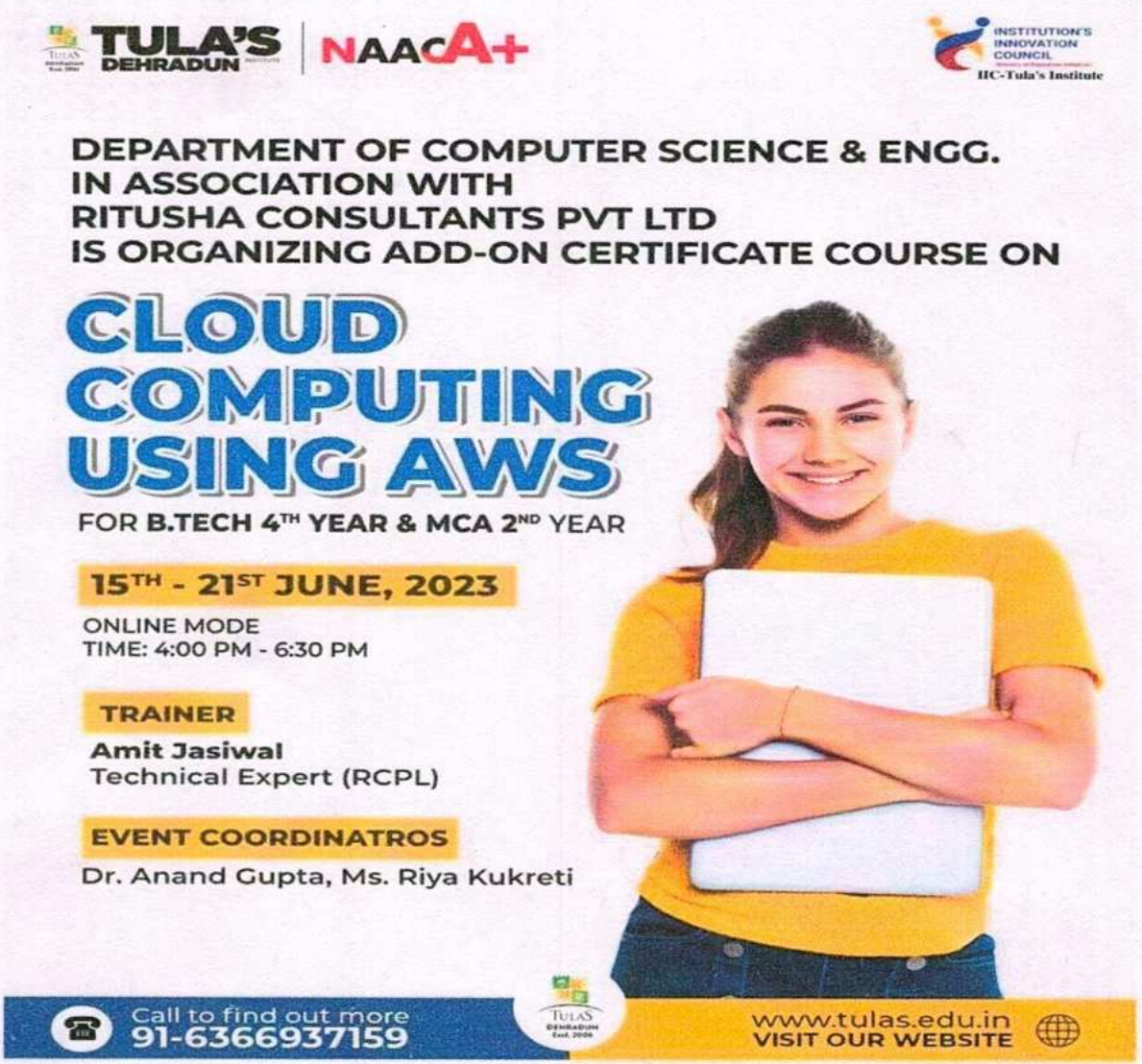
Annexure -V

Short Term Course on Cloud Computing Using AWS

EVENTREPORT

Tula's Institute is conducted a 6-day Workshop on Cloud Computing using AWS from 15th June 2023 to 21th June 2023. The inaugural session was held on 15th June 2023 and the occasion was graced by esteemedinaugural speakers namely:-

- Dr. Sandeep Vijay(Professor and Director, Tula's Institute)
- Dr. Nishant Saxena (Professor and Dean Academics, Tula's Institute)
- Dr. Anand Kumar Gupta (Associate Professor and HOD CSE, Tula's Institute)
- Mr. Amit Jaiswal (Trainer, Brillica Services)



EVENT POTSER

Director
Tula's Institute, Dehradun

Department of Computer Science & Engineering

Event: Short Term Course on FRONT END development using HTML

Organized by: Department of Computer Science & Engineering

Date: 5 June 2023 to 10June 2023

Objectives:

The objective of a workshop on Cloud computing using AWS (Amazon Web Services) can vary depending on the specific goals and target audience. However, here are some common objectives that such a workshop might aim to achieve:

- **Understanding Cloud Computing:** The workshop should provide participants with a clear understanding of what cloud computing is and how it differs from traditional IT infrastructure. It should cover the basic concepts, benefits, and challenges of cloud computing.
- **Introduction to AWS:** The workshop should introduce participants to the AWS platform, its various services, and the overall AWS ecosystem. This includes understanding the core services like EC2 (Elastic Compute Cloud), S3 (Simple Storage Service), and others.
- **Hands-on Experience:** The workshop should offer hands-on exercises and demonstrations that allow participants to gain practical experience with AWS. This could involve creating virtual servers, setting up storage, configuring networking, and deploying applications on the AWS platform.
- **AWS Service Deep Dives:** The workshop should provide in-depth sessions on specific AWS services relevant to cloud computing, such as AWS Lambda (serverless computing), Amazon RDS (Relational Database Service), Amazon Redshift (data warehousing), and others. These sessions should cover the features, use cases, and best practices for each service.
- **Security and Compliance:** Participants should be educated about security best practices in AWS and learn how to implement appropriate security measures to protect their cloud infrastructure and data. Compliance considerations, such as GDPR or HIPAA, should also be discussed.
- **Cost Optimization:** The workshop should emphasize cost optimization strategies and techniques to help participants effectively manage their AWS resources and keep costs under control. This includes understanding pricing models, leveraging cost-effective services, and implementing monitoring and reporting mechanisms.
- **Scaling and High Availability:** Participants should learn how to design and implement scalable and highly available architectures on AWS. This includes understanding concepts like auto-scaling, load balancing, fault tolerance, and disaster recovery.

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- **Migration and Hybrid Solutions:** For organizations considering migrating their existing infrastructure to the cloud or adopting a hybrid cloud model, the workshop should provide guidance on migration strategies, tools, and best practices.
- **Real-world Use Cases:** The workshop should showcase real-world examples and case studies of organizations that have successfully implemented cloud solutions using AWS. This can help participants understand how cloud computing can be applied to various industries and business scenarios.
- **Q&A and Networking:** The workshop should provide ample opportunities for participants to ask questions, interact with instructors and experts, and network with peers who share similar interests in cloud computing and AWS.

Outcomes:

- **Understanding AWS Services:** Participants gain knowledge about various AWS services such as Amazon EC2, Amazon S3, Amazon RDS, AWS Lambda, etc., and their use cases.
- Hands-on Experience: Workshops often involve practical exercises or demonstrations, enabling participants to gain hands-on experience in deploying applications on AWS and using different services.
- **Architecture Design:** Participants learn about designing and implementing cloud architecture using AWS services, including best practices for security, scalability, and cost optimization.
- **Cost Optimization:** The workshop may cover cost optimization strategies, teaching participants how to monitor and control costs when using AWS services.
- **Networking and Security:** Participants learn about AWS networking concepts, security features, and how to configure security groups, access control policies, and network architecture in the AWS environment.
- **DevOps Practices:** The workshop may focus on DevOps methodologies and practices, including automation, continuous integration and deployment (CI/CD), and infrastructure as code (IaC) using tools like AWS Cloud Formation or AWS Elastic Beanstalk.
- **Cloud Migration Strategies:** Participants gain insights into migrating existing applications or infrastructure to the AWS cloud, including strategies, challenges, and best practices.
- **Scalability and Performance:** The workshop may cover techniques for optimizing application performance and scaling resources on AWS to handle increased workloads.

Director
Tula's Institute, Dehradun

Summary Report

The main objective of the workshop was to impart knowledge among the students. On the first day of the workshop the students of Tula's Institute showed active participation and the same continued till the last day. Mr.Amit AJiswal helped students gain technical knowledge of AWS. The students got to know about how to use AWS tool and its various librarieswhich come handy for today's competitive environment.

Throughout the entire workshop program, the students were active. After every session of the workshop a Q and A session was also held where the queries of the students were discussed. Brainstorming of ideas and queries from the students was actively addressed and taken due care. Not only confined to this the participating students were provided with a user manual of Machine Learning so that they can learn Machine Learning about according to their comfort.

Overall, the 6-day workshop was a value addition for the students. It inculcated a feeling of empowerment among the participating students.

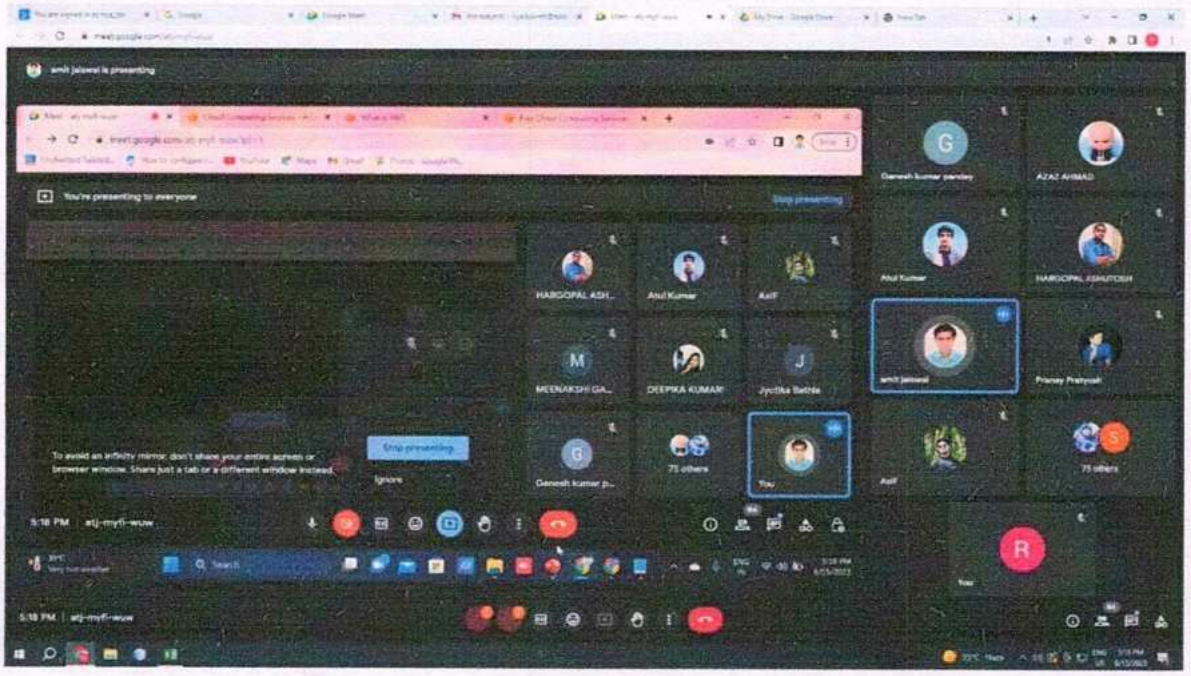
The workshop helped acing the students this software so that they would be industry ready and would have an edge over others. There was proper daily assessment conducted to check the learning progress of the students.

On the final day of the workshop, student feedback was also taken and maximum participants were satisfied with the value addition that took place. The student presence throughout the workshop was itself a proving fact that the main motive of the same was fulfilled and productive learning was achieved.

The objectives and outcomes of the workshop were achieved to a greater extent and every student who was a part of this workshop learnt a new skill. Skill based learning is the motive of our institute and imparting the right skillset among the student was truly achieved through this workshop. The participating students were grateful to the organizers and the management of the college for conducting such a fruitful, dynamic and knowledge-based workshop that will surely help them acing the industry and bringing out the best of themselves.

Director
Tula's Institute, Dehradun

EVENTPHOTOGRAPHS



GROUP PHOTOGRAPH

Director
Tula's Institute, Dehradun

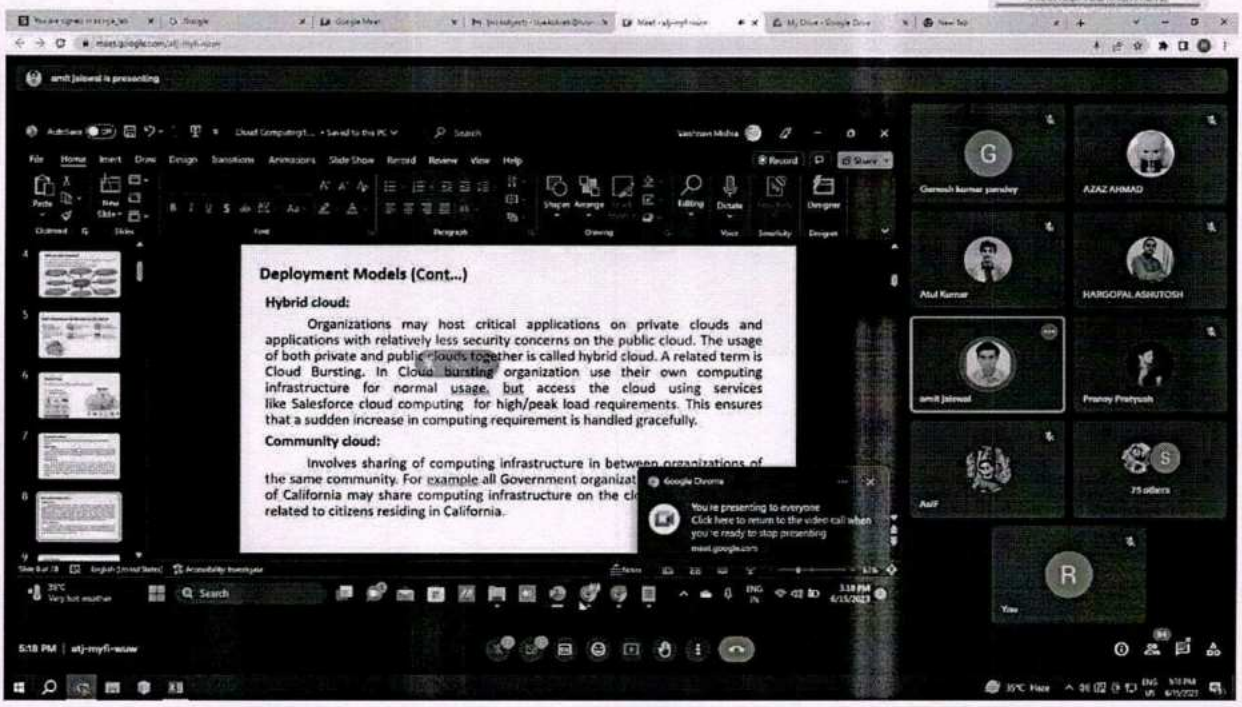
LAB SESSION

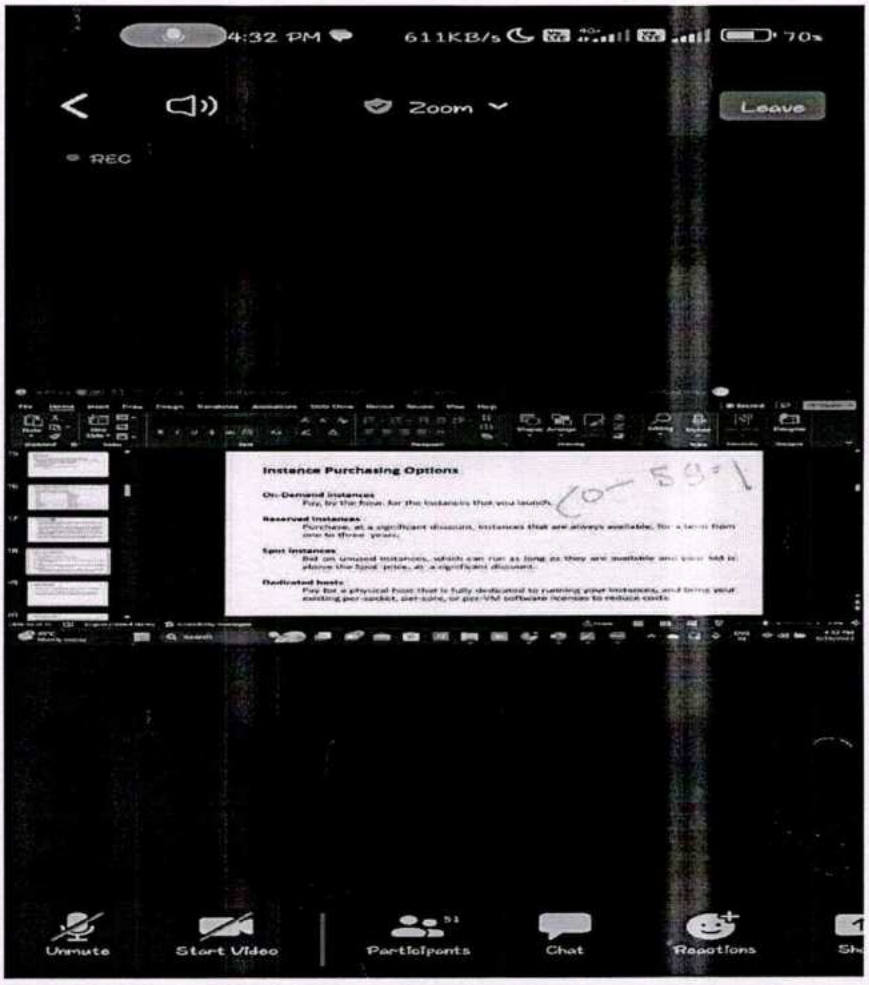
Tula's Institute, Dehradun

EVENT PHOTOGRAPHS

Director
Tula's Institute, Dehradun

Tula's Institute, Dehradun





Director
Tula's Institute, Dehradun

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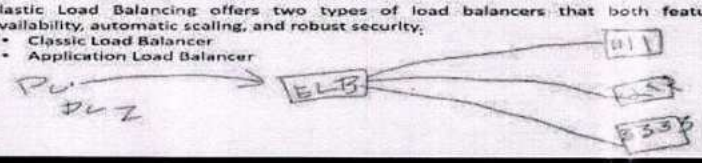
Zoom

Leave

REC

Elastic Load Balancing

- Elastic Load Balancing automatically distributes incoming application traffic across multiple Amazon EC2 instances.
- It enables you to achieve fault tolerance in your applications, seamlessly providing the required amount of load balancing capacity needed to route application traffic.
- Elastic Load Balancing offers two types of load balancers that both feature high availability, automatic scaling, and robust security:
  - Classic Load Balancer
  - Application Load Balancer



36 Participants Chat Reactions Share Captions More

Director
Tula's Institute, Dehradun

rcpl

CENTRE OF EXCELLENCE

CERTIFICATE

Inspire to Aspire

This is to certify that

Mr. / Ms. **JYOTIKA BATHLA**

of

TULAS INSTITUTE, DEHRADUN

has successfully completed a 1 Week Add on Certificate on

CLOUD COMPUTING USING AWS

from 15th June'23 to 21st June'23

On behalf of RCPL INDIA

Director

Certification ID : RCPL-2023/5188

Date: 21st June'23

Microsoft CERTIFIED Program

Hewlett Packard Enterprise

NASSCOM

EC-Council Accredited Training Center

ORACLE Workforce Development Partner

Director

Tula's Institute, Dehradun

Annexure -VI

Short Term Course on AutoCad

Department of Mechanical Engineering

Event: Short Term course on AUTOCAD by Electronics & ICT Academy IIT Kanpur.

Organized by: Department of Mechanical Engineering

Objective: The main objective of this course is to teach students the basic commands and tools necessary for professional 2D drawing, design and drafting using AutoCAD. After completing this course users will be able to

- Use AutoCAD for daily working process.
- Navigate throughout AutoCAD using major navigating tools.
- Understand the concept and techniques to draw.
- Create multiple designs using several of tools.
- Create layers to control the objects' visibility.
- Explain drawing using annotations.
- Plot or print the drawing by scale.
- Use constraint for certain design.

Summary: - Tula's Institute has Organized a 5 Days "Short Term course on AUTOCAD" in collaboration with Electronics & ICT Academy IIT Kanpur which started from 29 Aug. to 2 Sept. 2022. In These Five Days, The trainer for the offline session is Mr. Amarpreet Singh who is Senior Trainer at ICT ACADEMY affiliation with **IIT KANPUR.** He is also Founder, Director & C.E.O, Senior Manager, Corporate Trainer, Project Manager/Co-Ordinator, Content Developer & SME for higher Education Autodesk ATC Head, West Delhi, Delhi, India. He taught the students about Designing through software's such as Solid works, CATIA, CNC, CAM etc. Around 40+ Student form second, third and fourth year has participated in this program. They have got depth knowledge. On Last Day of short term course assessment is conducted for participant to check the success of the student Development Program. Students Preformed really well in Assessment Program. The student Development Program Successfully Concluded on 2 Sept.2022 with the valedictory session in the gracious presence of Dr. Sandeep Vijay (Director-Tula's),Dr.Nishant Saxena (Dean Academics) and Dr..Pradeep Kothiyal (HOD-ME).

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Outcome:-Students will be able to learn:

- The new trends and future scope of AutoCAD in mechanical engineering it provides unique drafting tools that are used in drawings of engineering components, designs, and infrastructure. It also minimizes human errors and helps the users to bring their imagination to life with accuracy.

LEARNING OUTCOMES FOR THE STUDENTS

1. Demonstrate basic concepts of the AutoCAD software
2. Apply basic concepts to develop construction (drawing) techniques
3. Ability to manipulate drawings through editing and plotting techniques
4. Understand geometric construction
5. Produce template drawings
6. Produce 2D Orthographic Projections
7. Understand and demonstrate dimensioning concepts and techniques
8. Understand Section and Auxiliary Views
9. Become familiar with the use of Blocks, Design Centre, and Tool Palettes
10. Become familiar with Solid Modelling concepts and techniques.

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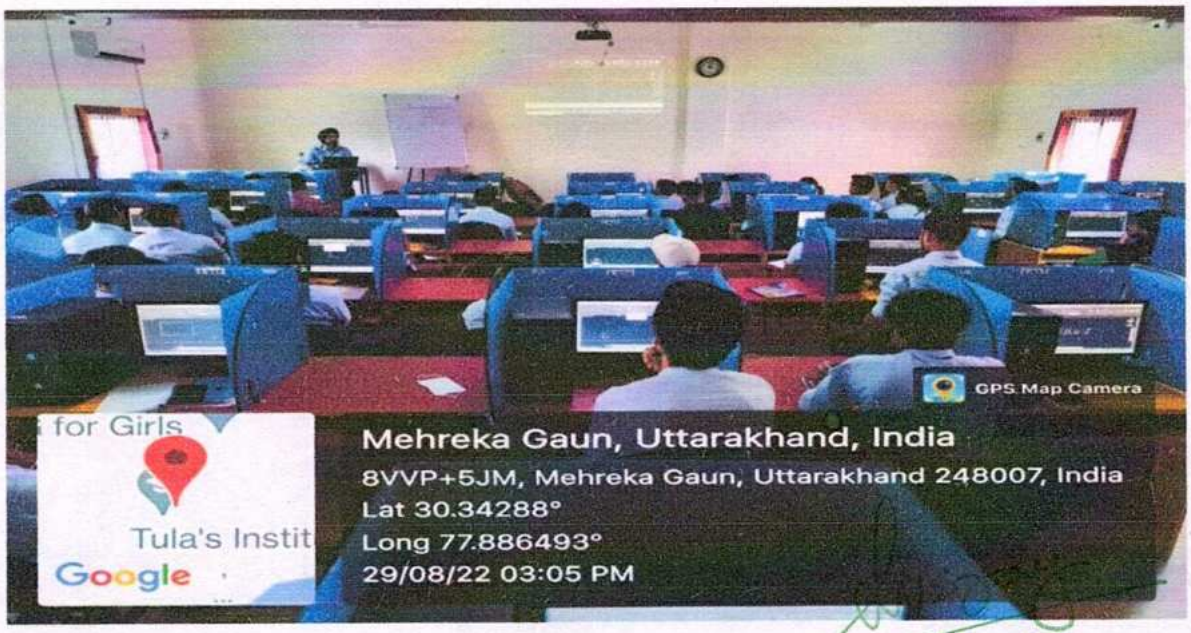
SHORT TERM COURSE ON AUTOCAD PHOTOGRAPHS

DAY 1

Introduction to AutoCAD



Designing Tools

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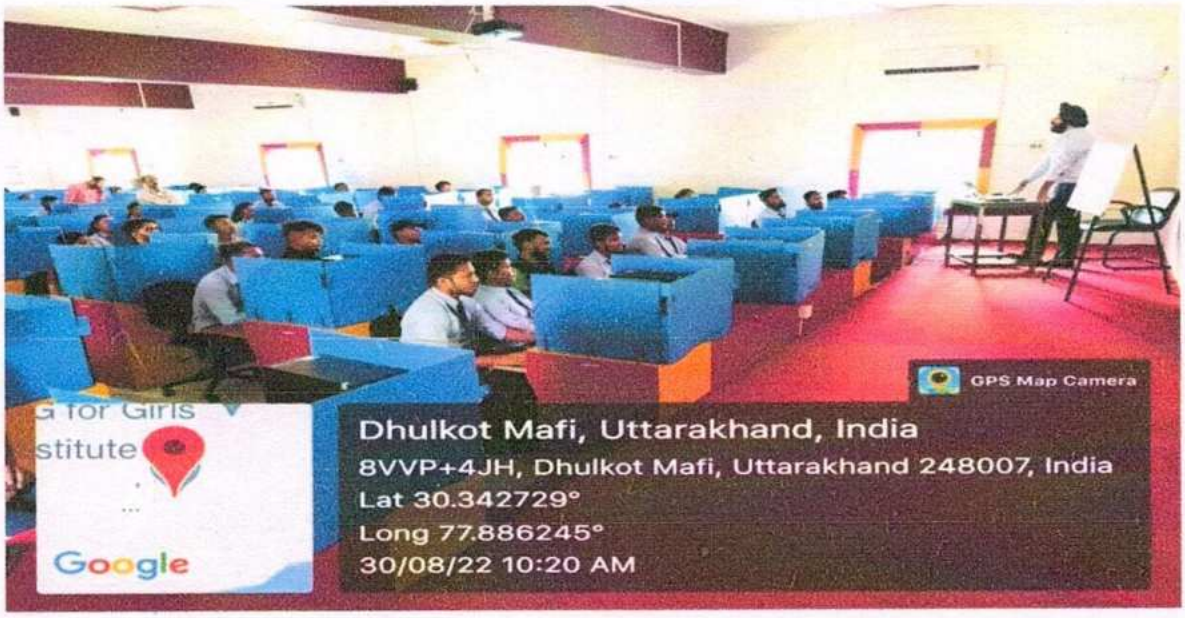
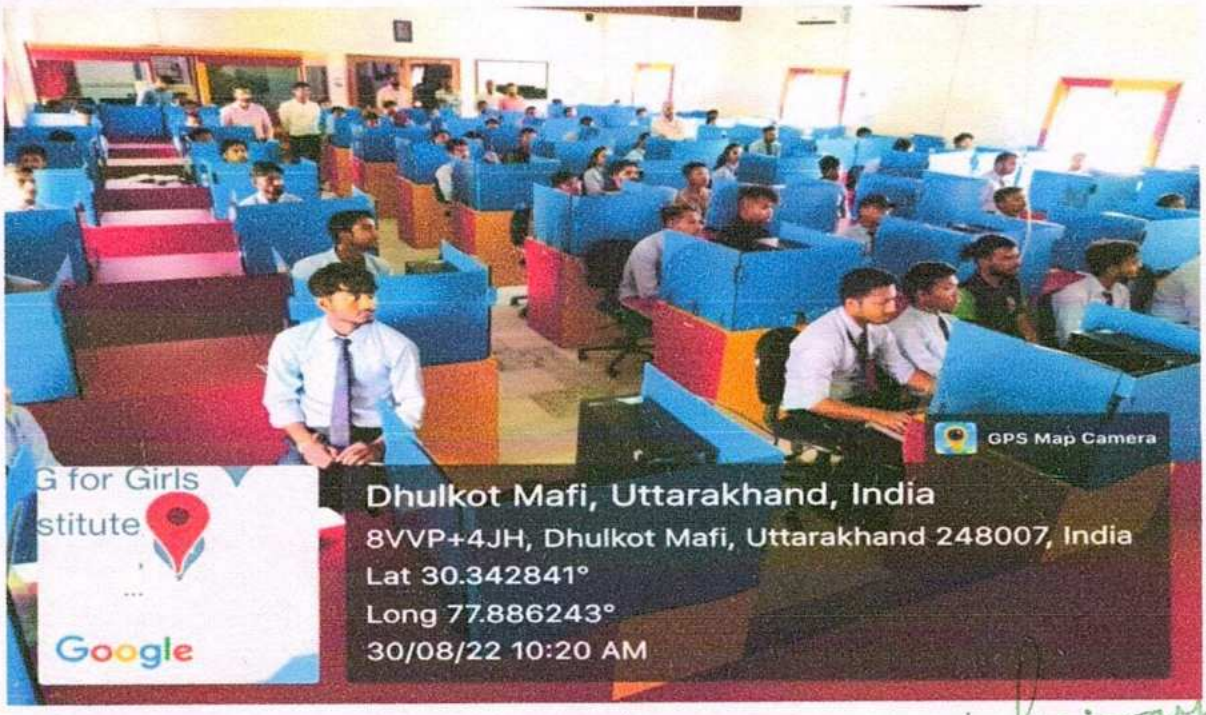
DAY 2



Two Dimensional Operations



Application of Three Dimensional Operations

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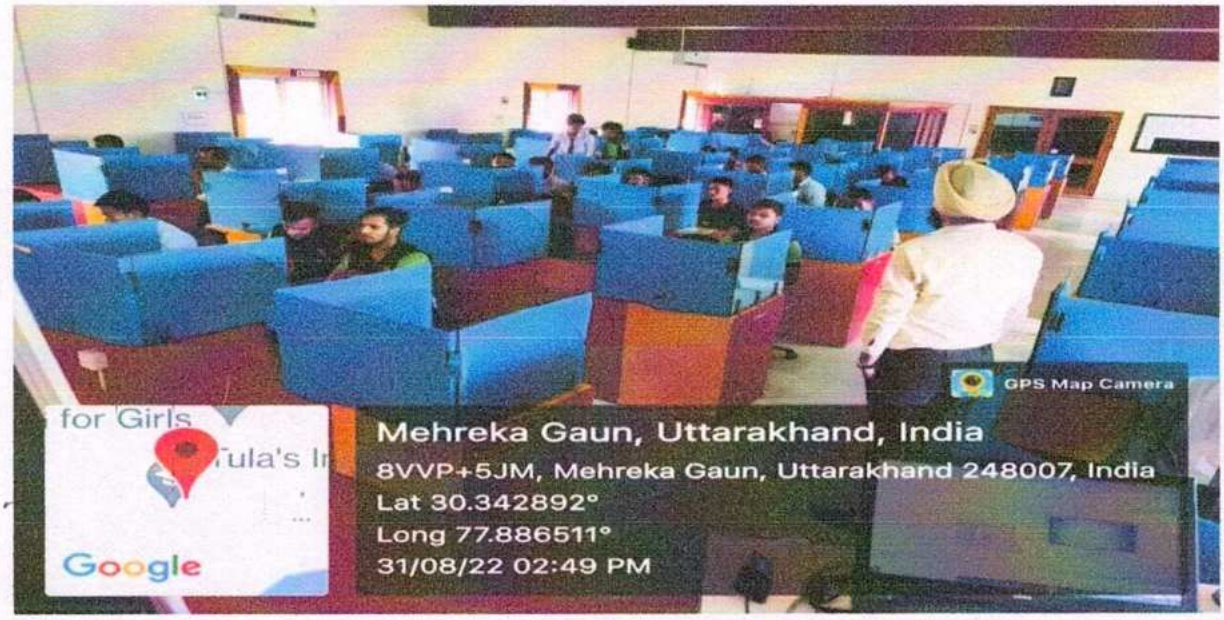
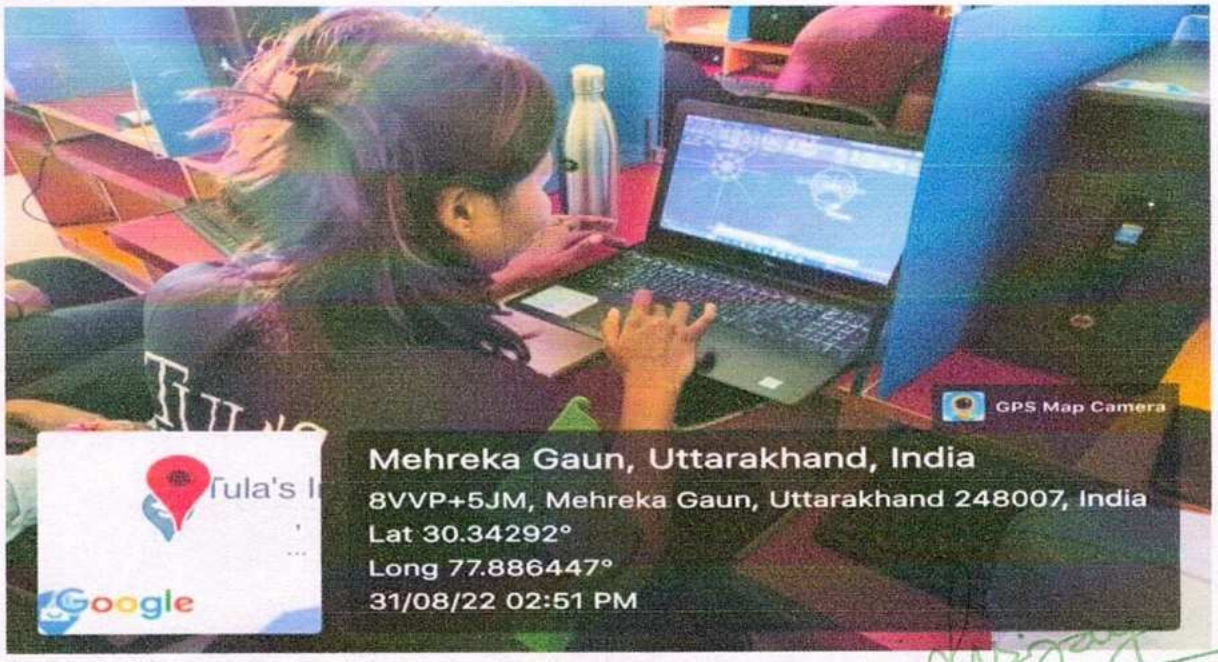
DAY 3



Live Monitoring of Work



Student Performing Solid works Operations

Director
Tula's Institute, Dehradun

E & ICT Academy, IIT Kanpur

(A joint initiative of Meity & IIT Kanpur)

Certificate

This is to certify that

Dr. / Mr. / Ms. **Priyanshu Singh Bora** of

Tula's Institute, Dhoolkot

has completed the **Student Development Program** on

AutoCAD

from 29-08-2022 to 02-09-2022

Director
Tula's Institute, Dehradun

Prof B. V. Phani

Prof Amey Karkare

Chief Investigator E & ICT Academy, IIT Kanpur

Date of Issue: 27-09-2022

System Identification No.: 3172-7124

Annexure -VII

Short Term Course on 3D Printing

Department of Mechanical Engineering

Event: Add on Course on 3- D Printing Technology

Organized by: Department of Mechanical Engineering

Objective: The Add on course aims to give students and professionals the essentials that are needed to become a certified SOLIDWORKS AND 3-D PRINTING TECHNOLOGY PROFESSIONAL. The course will help individuals use the software with confidence and design/draft the next innovative thing. The course is designed to be a process or task-based approach to learning the individual features and functions of SOLIDWORKS AND 3-D PRINTING, thereby emphasizing processes and procedures for completion of any task. By building actual parts and assemblies, the student should learn the necessary commands, options, and menus in the context of completing a design task.

LEARNING OUTCOMES OF THE ADD ON COURSE

Trainers introduced Solid Works software as a 3-D design tool. Covers creation, retrieval and modification of 3-D and layout drawings using basic Solid Works commands. Includes skills needed to create parametric models of parts and assemblies; generate dimensioned layouts; and Bill of Materials of those parts and assemblies. Three-dimensional (3D) printing is an additive manufacturing process that creates a physical object from a digital design. The process works by laying down thin layers of material in the form of liquid or powdered plastic, metal or cement, and then fusing the layers together.

Industrial Uses

Car and aircraft manufacturers have taken the lead in 3D manufacturing, using the technology to transform unibody and fuselage design and production, and power train design and production. Boeing is using 3D-printed titanium parts in the construction of its 787 Dream liner airliner

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and the manufacturing of hearing aids, 3D printing is now customary. The use of 3D printing accelerates the process of manufacturing and enables manufacturers to make custom hearing aids. Audiologists can use 3D scanners to create a custom prototype using reference points from the scan. Manufacturers can feed the scan into a 3D printing machine and after fine-tuning the materials and the ear shapes, print the entire hearing aids

Intended Outcomes for the course

- Demonstrate competency with multiple drawing and modification commands in Solid Works.
- Create three-dimensional solid models.
- Create three-dimensional assemblies incorporating multiple solid models.
- Apply industry standards in the preparation of technical mechanical drawings.
- Become familiar with the use of Blocks, Design Centre, and Tool Palettes.

Summary

The Society of Mechanical Engineering, Tula's Institute conducted an **"Add on Course on 3- D Printing Technology"** for 5 Days i.e. from 1 May to 5 May 2023. The trainers for the offline session are **Mr. Akshay Rawat** who is **Technical Manager at Slog Solution Ltd. And Mr. Saurav Yadav Slog Solution Ltd.** Add on course completed successfully and concluded in presence of Director, ,Dean and Registrar of the college .

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SHORT TERM COURSE ON 3 D PRINTING TECHNOLOGY

PHOTOGRAPHS

DAY 1

Introduction to Solid works

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DAY 2

Three Dimensional Operations

3-D Printing Machine

Director
Tula's Institute, Dehradun

Certificate Number: SLGTI-2023-0124

SLOG SOLUTIONS PVT. LTD.

AN ISO AND MSME CERTIFIED COMPANY, APPROVED BY MINISTRY OF CORPORATE AFFAIRS, GOVT. OF INDIA

CERTIFICATE
OF TRAINING

This is to certify that

VISHNU

has successfully completed 5 Days Training Program on

"3D Printing Technology"

started from 01-May-23

at Tula's Institute Dehradun.

Director
Tula's Institute, Dehradun

Suraj Singh
Technical Manager
SLOG Solutions Pvt. Ltd.

Kiran Bisht
Marketing Manager
SLOG Solutions Pvt. Ltd.

SLOG SOLUTIONS PVT. LTD.
ISO 9001 : 2015 CERTIFIED

MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम
OUR STRENGTH • हमारी शक्ति
Ministry of MSME, Govt. of India

For certificate verification mail us at:- info@slogsolutions.com

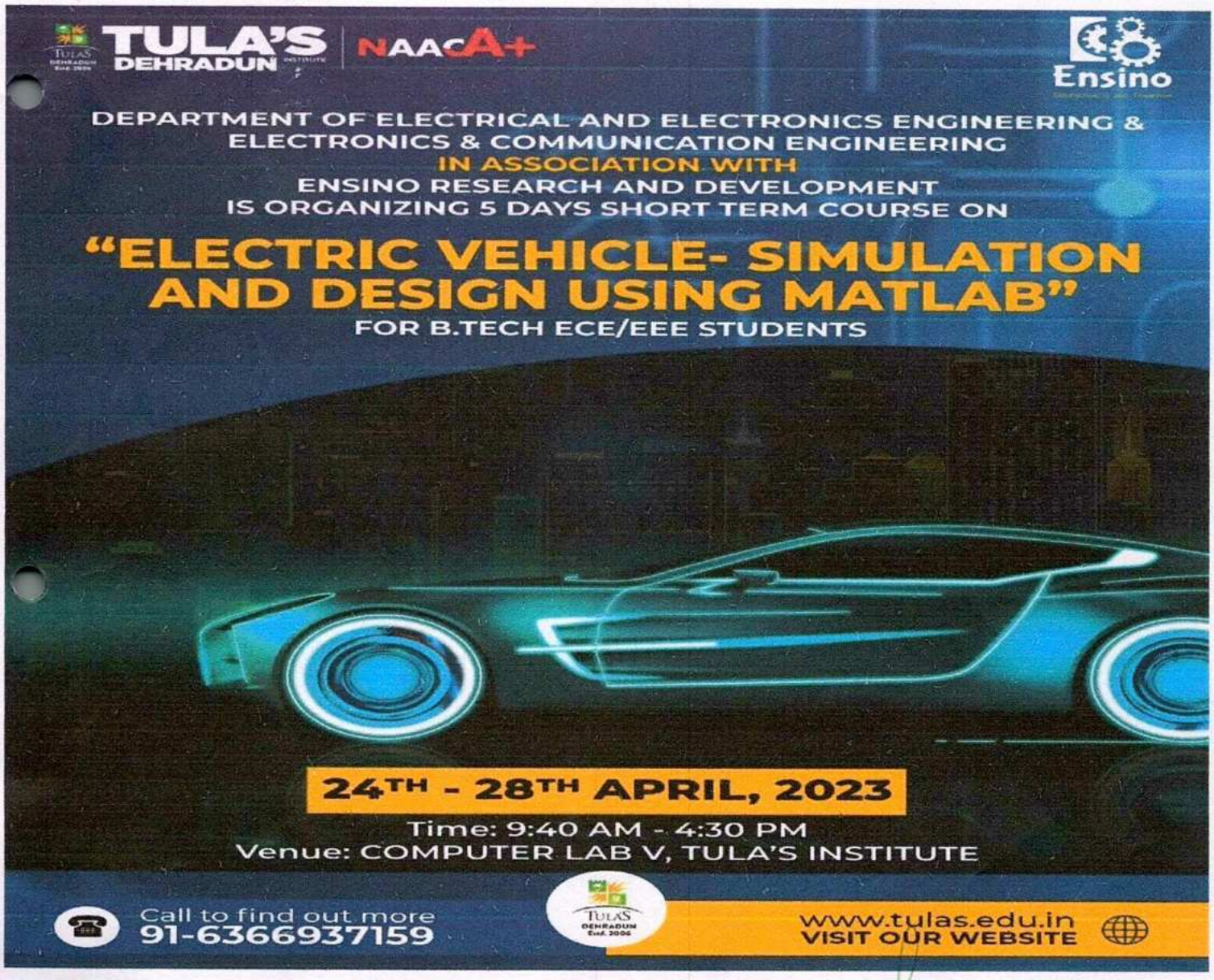
Annexure -VIII

Short Term Course On Electric Vehicle-Simulation & Design Using Matlab

TULA' S INSTITUTE, DEHRADUN

ONE WEEK SHORT TERM COURSE ON ELECTRIC VEHICLE SIMULATION AND DESIGN USING MATLAB

ORGANIZED BY ENSINO RESEARCH AND DEVELOPMENT



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Tula's Institute, Dehradun

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COURSE OBJECTIVE

- To understand fundamental of MATLAB operators and variables.
- To introduce students programming in MATLAB script and functions.
- To understand fundamentals of Simulinks and Electric vehicle .
- To learn to implement inverter design using Simulink.
- Students will be explored to battery modeling using Simulink.
- Students will be able to design & develop power converter design.

COURSE OUTCOME

- Students will be able to implement an electric vehicle simulation for specific applications.
- Students will be able to understand the programming and file handling in MATLAB.
- Students will be able to design inverter using simulink.
- Students will be able to understand the forces and power for electric vehicle calculation..

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S. No.	Course	Content
1.	**"Electrical Vehicle Design and Simulation"** ELECTRIC VEHICLE DESIGN 	**Day 1:** INTRODUCTION to MATLAB: Data Types, Inter-conversion of Data types, MATLAB Variables, Keywords and Constant, Session Command. MATLAB Operatorsand Operations: Operators (Arithmetic, Relational, Logical, Bitwise), Set Operations, Operator Precedence, Mathematical Functions. PROGRAMMING IN MATLAB Script and Function: Decision Making, Loops, branches, Functions, Working on Script File (Creating, Saving, and Executing), MATLAB I/O, and Formatted I/O Method. **Day 2:** ARRAYS AND GRAPHICS Matrices and Arrays: Introduction to Matrices, Operations on Arrays/Matrices, Manipulations of Arrays/Matrices, Expansion of Matrix Size, Reduction of Matrices/Arrays order, Graphics: Introduction to plot, Basic 2-DPlots (Style options, Labels, Axis control, etc.), specialized 2-D Plots, drawing multiple plots. Using MATLAB for fractals and chaos and the Conway game of life MODULE FILE HANDLING AND DEBUGGING File Handling: Introduction to file handling, working on files, accessing of Text files, Saving/ Loading MATLAB Variables, reading data without opening files, and reading and writing Excel.

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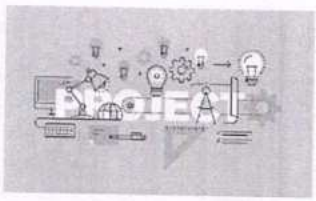

Day 3:

Introduction to Simulink Electric
Vehicle Introduction
Vehicle Dynamics Driving Scenario
Forces in EV calculations
Power for EV calculation

Day 4:

Power converter Design, Inverter Design using Simulink, Introduction to MATLAB Simulink, DC motor speed control, BLDC motor control

Day 5:

AC induction motor control, Battery Management system, Battery Modeling using Simulink, Battery Protection, Simscape
Introduction, Simscape Fundamentals, Power train modeling

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WORKSHOP DETAILS

The one-week short-term course on "Electric vehicle simulation and design using MATLAB was organized by Ensino research and development from 24h April to 28h April 2023. It was held at Lab-V (Computer Centre) in Tula's Institute. The workshop was started at 9:40 AM sharp with a warm welcome of workshop coordinator Mr. Abhishek Chakravorty (HOD, ECE/EEE Department) and trainer Er. Ashok Kumar. It involved the participation of all the students of the ECE and EEE department from the 2nd, 3rd, and 4thyear.

DAY 1 (24 APRIL 2023)

The first day of the workshop was started with the introduction of MATLAB. What is MATLAB variables and operators? Why do we learn MATLAB? The session was followed by some more important discussions on topics like Data types, inter-conversion of data types , MATLAB variables and operators,. Trainer has given detailed information on these topics as it is going to play an important role in a further session. Students covered the topics on the basics of MATLAB, Introduction to MATLAB, Programming in MATLAB script and function. What are the traditional techniques and how day by day techniques are going to be more advanced? So, these are the topics that students covered on the first day of our workshop. Overall, it was a good day and students learned more about these things.

DAY 2 (25 APRIL 2023)

The second day of the session was started with the introduction to matrices followed by manipulations of arrays , specialized 2-D plots, Using MATLAB for fractals and chaos , introduction to file handling, working on files, reading and writing Excel. Students done the file handling and debugging . Under the guidance of Er.Ashok Sir, students came to know about the arrays and graphics.

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

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DAY 3 (26 APRIL 2023)

On the very next day, that means on the third day of the workshop students came to know about thev introduction of Simulink and how we can perform our project on these platforms using Simulink. Firstly, Er. Ashok Kumar taught students some theoretical part of the content, and then students have started some theortical work on Electric vehicle. On third day, students learned about vehicle dynamics driving scenario, Forces in EV calculation and power for EV calculation. Basically the third day was the most important day for all the students because they interacted Electric vehicle simulation. So it was an amazing experience for all the students to understand the Electric vehicle..

DAY 4 (27 APRIL 2023)

Day fourth started with the action of simulation physically and students keep continuing to do this in fourth day of the workshop. So they started the day with power converter design. Students came to know about the inverter design using simulink, Introduction to MATLAB Simulink. Afternoon session was followed by development of DC motor speed control and BLDC motor control. It was a good day and a great learning experience for all the students.

DAY 5 (28 APRIL 2023)

Day fifth concluded with AC induction motor control, Battery management system . Students learned a lot of things about the course so that they can design battery modeling using simulink. They also understand the simscape introduction and its fundamentals. One week course of Electric vehicle simulation and design using MATLAB is ended with a test and filling of feedback form by students. They also got to know how they can implement their idea in future.

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TULA'S DEHRADUN INSTITUTE | NAAC A+

SHORT TERM COURSE ON ELECRTIC VEHICLE SIMULATION AND DESIGN USING MATLAB PHOTOGRAPHS

EV Simulation and design Lab Photographs

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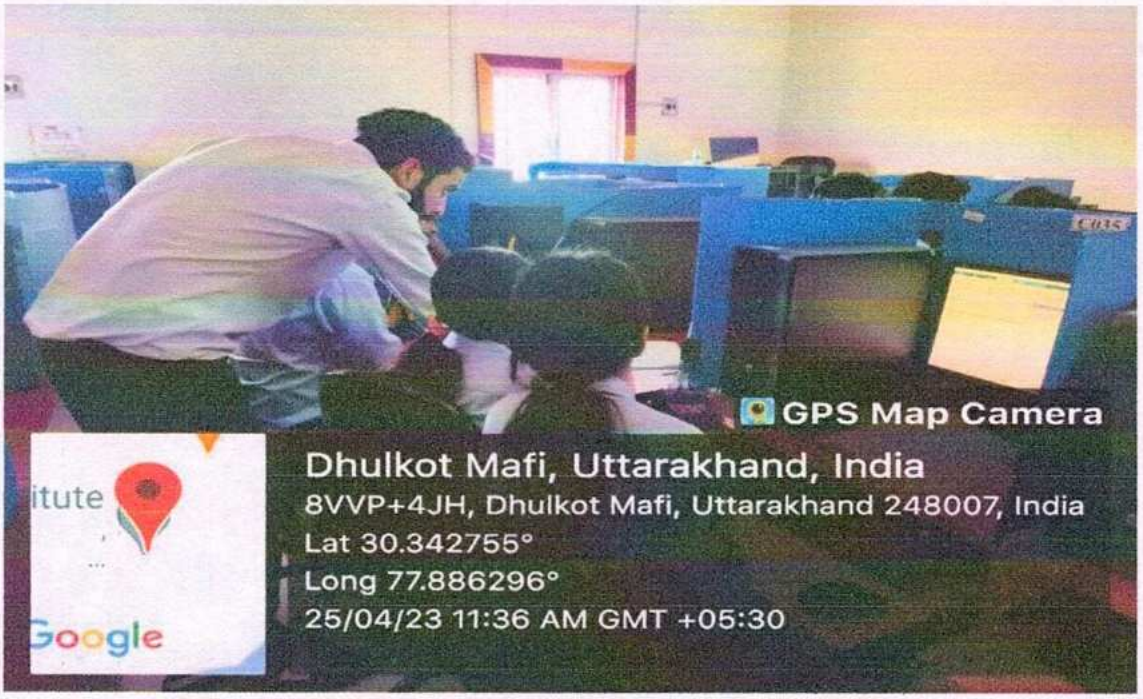
Tula's Institute, Dehradun



EV Simulation and design Lab Photographs

EV Simulation and design Lab Photographs

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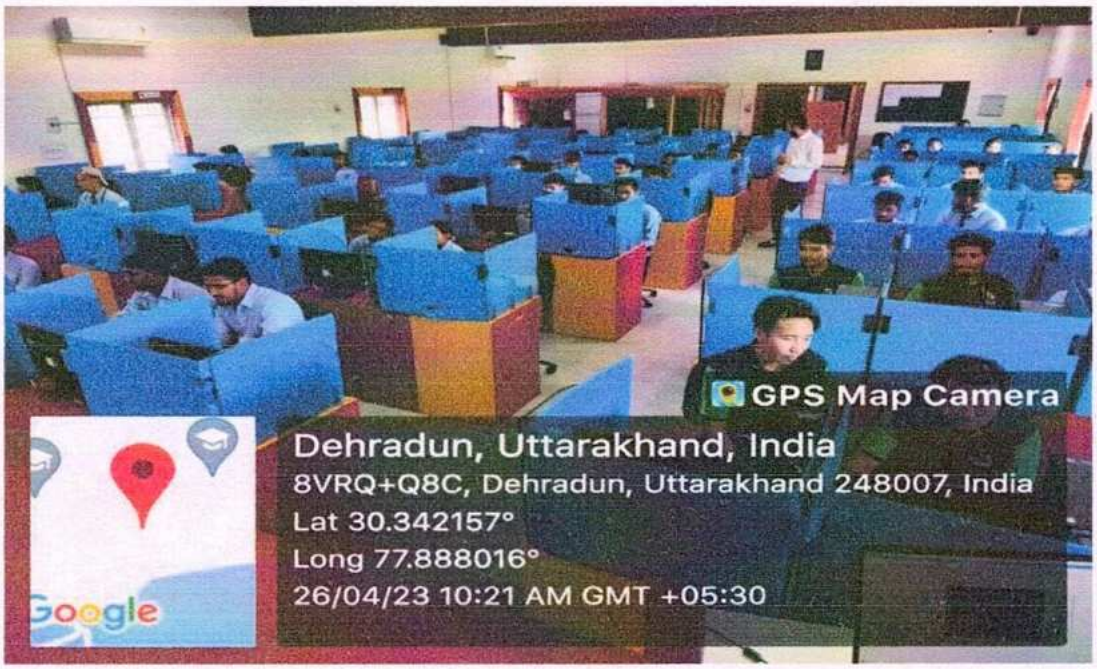

EV Simulation and design Lab Photographs

EV Simulation and design Lab Photographs

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ENSINO RESEARCH AND DEVELOPMENT PRIVATE LIMITED

(Registered Under the 2013 Company Act of Ministry Of Corporate Affairs - Government of India)

Certificate

OF PARTICIPATION

Thungchibemo
Details
Inside QR

Verify
details
from
ensino.in

This is to certify that

THUNGCHIBEMO NGULLIE

has successfully participated in
one week hands on workshop program on
"Electric Vehicle Design & Simulation"
from 24th Apr 2023 to 28th Apr 2023
Organized by
Tula's Institute in association with Ensino R&D

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)
IIC-Tula's Institute

Director
Tula's Institute, Dehradun

Director (Ensino)

HOD-ECE/EEE (Tula's Institute)

Director (Tula's Institute)

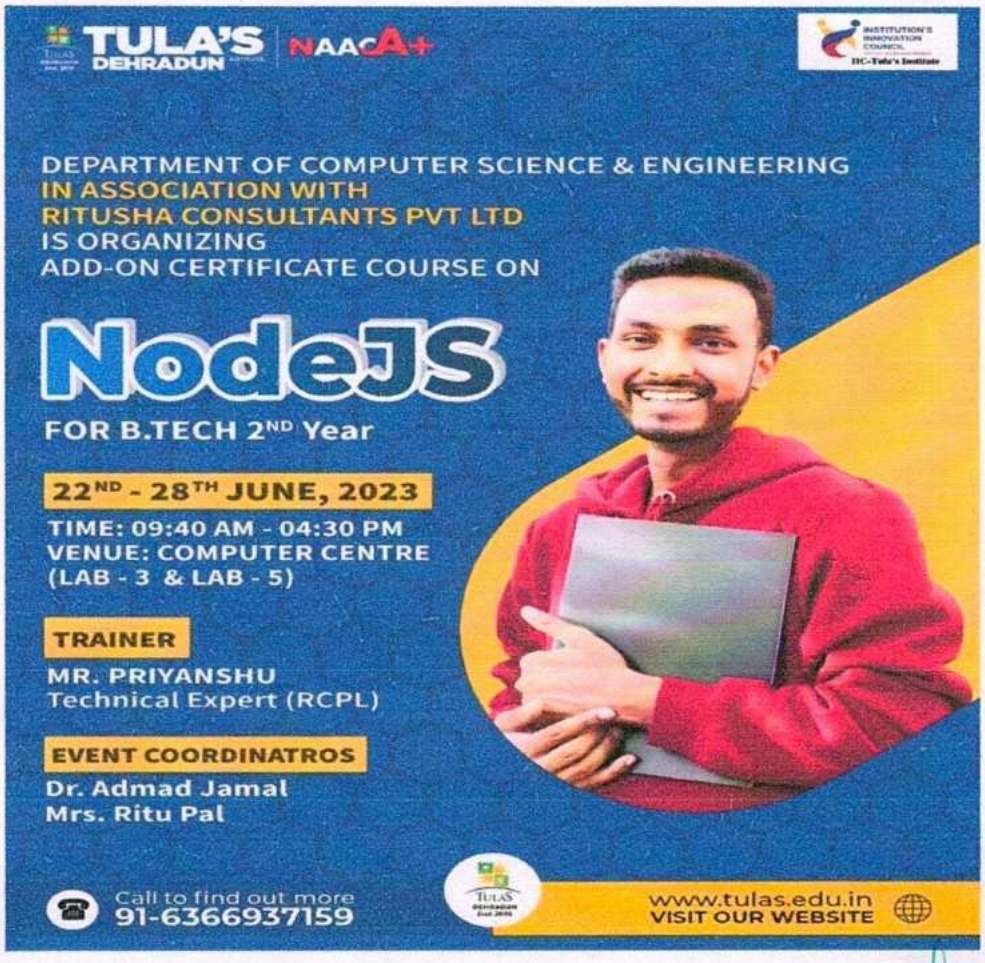
Node.js Workshop Report

Empowering Participants with In-Depth Knowledge and Practical Skills

Tula's Institute conducted a comprehensive 6-day workshop on Node.js from 22nd June 2023 to 28th June 2023. The workshop aimed to provide participants with in-depth knowledge and practical skills in Node.js, a popular runtime environment for building server-side and networking applications.

Inaugural Session:
The workshop commenced on 22nd June 2023 with an inaugural session graced by esteemed speakers, including:

Dr. Sandeep Vijay, Professor and Director, Tula's Institute
Dr. Nishant Saxena, Professor and Dean Academics, Tula's Institute
Dr. Anand Kumar Gupta, Associate Professor and HOD CSE, Tula's Institute
Mr. Priyanshu, Node.js Trainer.



Director
Tula's Institute, Dehradun

Workshop Overview:

Node.js is a powerful JavaScript runtime built on Chrome's V8 JavaScript engine, which allows developers to build scalable and efficient server-side applications. The Node.js Workshop, conducted by Tula's Institute from 22nd June 2023 to 28th June 2023, aimed to provide participants with a comprehensive understanding of Node.js and equip them with practical skills to develop robust web applications. This report highlights the key concepts and components covered in the workshop and provides a detailed summary of the event.

Key Concepts and Components of Node.js:

- Asynchronous Programming: Node.js utilizes an event-driven, non-blocking I/O model, enabling developers to handle multiple requests concurrently without blocking the execution of other tasks. This asynchronous programming approach enhances the scalability and performance of applications.
- Server-Side JavaScript: Node.js allows JavaScript to be executed on the server-side, enabling developers to use a single language for both client-side and server-side development. This streamlines the development process and promotes code reuse.
- NPM (Node Package Manager): NPM is a package manager for Node.js that provides a vast ecosystem of open-source libraries and modules. It simplifies the integration of third-party packages into Node.js applications, enabling developers to leverage existing solutions and accelerate development.
- Event-Driven Architecture: Node.js follows an event-driven architecture, where events trigger callbacks that handle specific actions. This event-driven approach allows developers to build scalable and responsive applications that can handle a large number of concurrent connections.
- Express.js Framework: Express.js is a popular web application framework for Node.js, providing a robust set of features for building APIs, web servers, and middleware. It simplifies routing, request handling, and response management, facilitating the development of scalable web applications.

Workshop Objectives:

The Node.js workshop had the following objectives:

- Understanding Node.js: Participants gained a comprehensive understanding of Node.js, its architecture, and its role in building scalable applications.
- Asynchronous Programming: The workshop focused on teaching participants the concepts of asynchronous programming and the use of callbacks, promises, and async/await to handle non-blocking I/O operations effectively.
- Web Application Development: Participants learned how to build web applications using popular frameworks such as Express.js, leveraging the power of Node.js for backend development.
- Database Integration: The workshop covered integrating databases, such as MongoDB or MySQL, with Node.js applications, enabling participants to create robust and data-driven web applications.

Director
Tula's Institute, Dehradun

- Testing and Debugging: Participants were introduced to testing frameworks like Mocha and Chai, as well as debugging techniques to ensure the quality and reliability of their Node.js applications.

Workshop Activities:
Throughout the workshop, participants engaged in a range of activities to enhance their learning experience. These activities included:

- Hands-on Coding: Participants actively practiced writing code and implementing various Node.js concepts and features.
- Interactive Sessions: Regular interactive sessions were held to encourage participant engagement, address queries, and promote a deeper understanding of the topics covered.
- Q&A and Discussion: Question and answer sessions provided a platform for participants to seek clarification and engage in discussions with the workshop trainers and fellow attendees.
- Projects and Case Studies: Participants collaborated on projects and case studies, applying their Node.js skills to solve real-world problems and gain practical experience.

Outcomes and Impact:
The Node.js workshop yielded several positive outcomes and had a significant impact on the participants, including:

- Enhanced Technical Skills: Participants acquired in-depth knowledge of Node.js and its associated frameworks, empowering them to develop scalable and high-performance web applications.
- Industry Relevance: The workshop focused on teaching skills that are in high demand in the industry, making participants more marketable and increasing their employment prospects.
- Hands-on Experience: Through practical coding exercises and projects, participants gained hands-on experience in developing Node.js applications, boosting their confidence in real-world scenarios.
- Networking Opportunities: The workshop provided a platform for participants to interact with industry experts and fellow attendees, fostering valuable professional connections and potential collaborations.
- Skill-Based Learning: The workshop aligned with Tula's Institute's emphasis on skill-based education, enabling participants to acquire practical skills that are directly applicable in the field of web development.

Summary Report:

The Node.js Workshop organized by Tula's Institute spanned six insightful days, from 22nd June 2023 to 28th June 2023, and witnessed enthusiastic participation from students and professionals alike. The workshop commenced with an inaugural session, graced by esteemed speakers including Dr. Sandeep Vijay, Dr. Nishant Saxena, Dr. Anand Kumar Gupta, and Mr. Priyanshu.

Throughout the workshop, participants delved into the key concepts and components of Node.js, gaining a solid foundation in server-side JavaScript development. They learned about asynchronous programming, harnessing the event-driven architecture, utilizing NPM for package management, and leveraging the Express.js framework for web application development.

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Tula's Institute, Dehradun

The workshop fostered an interactive learning environment, with regular Q&A sessions and engaging discussions to address participants' queries and encourage brainstorming. Each day included hands-on exercises and coding assignments, allowing attendees to apply their knowledge and develop practical skills in Node.js.

A comprehensive user manual on Node.js was provided to the participants, serving as a valuable resource for further learning and reference. Daily assessments were conducted to gauge the learning progress of the participants, ensuring a comprehensive understanding of the concepts covered.

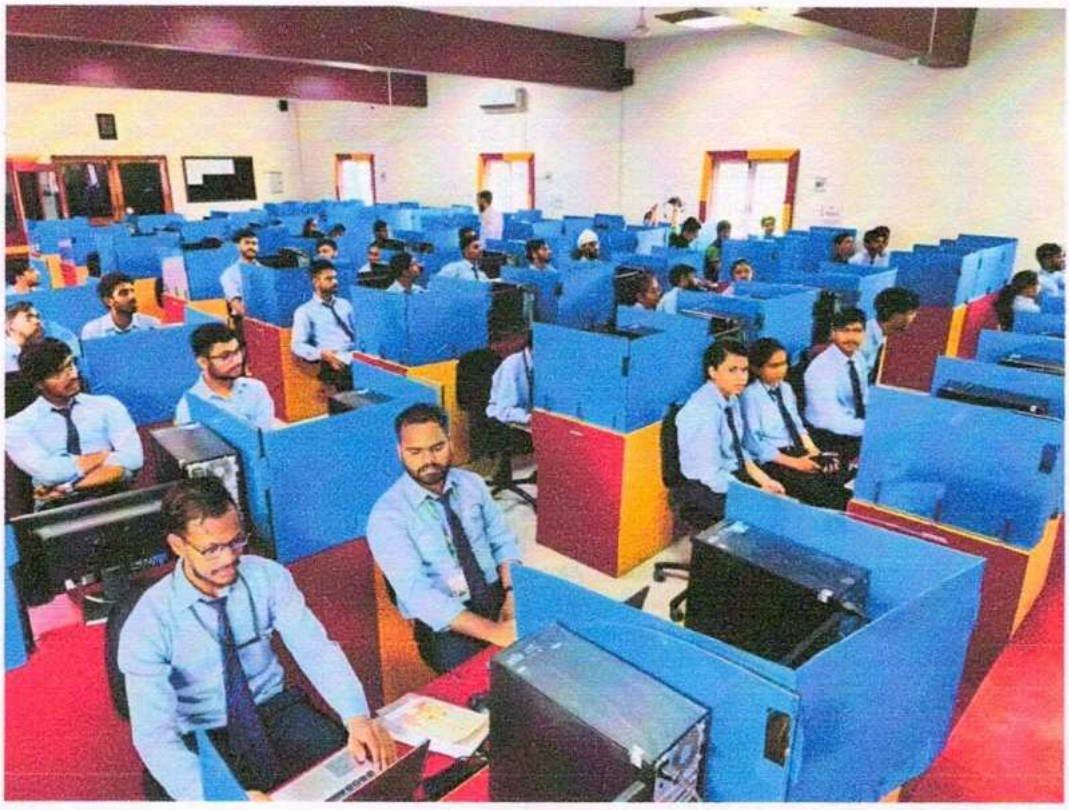
On the final day of the workshop, participants provided their feedback, expressing their satisfaction with the quality and value of the program. The workshop successfully empowered the participants with in-depth knowledge of Node.js and equipped them with the practical skills required to develop scalable and efficient web applications.

The objectives of the workshop, including enhancing participants' understanding of Node.js, promoting skill-based learning, and fostering industry readiness, were achieved to a great extent. The enthusiastic participation and positive feedback from the attendees validate the success of the workshop in empowering individuals with valuable Node.js expertise.

The organizers and the management of Tula's Institute were acknowledged and appreciated by the participants for their efforts in conducting a fruitful, dynamic, and knowledge-based Node.js Workshop that has equipped them to excel in the industry and unleash their full potential.

Overall, the Node.js Workshop at Tula's Institute proved to be an invaluable learning experience, bridging the gap between theory and practice and paving the way for participants to embark on successful Node.js development journeys.

Director
Tula's Institute, Dehradun



Director
Tula's Institute, Dehrad

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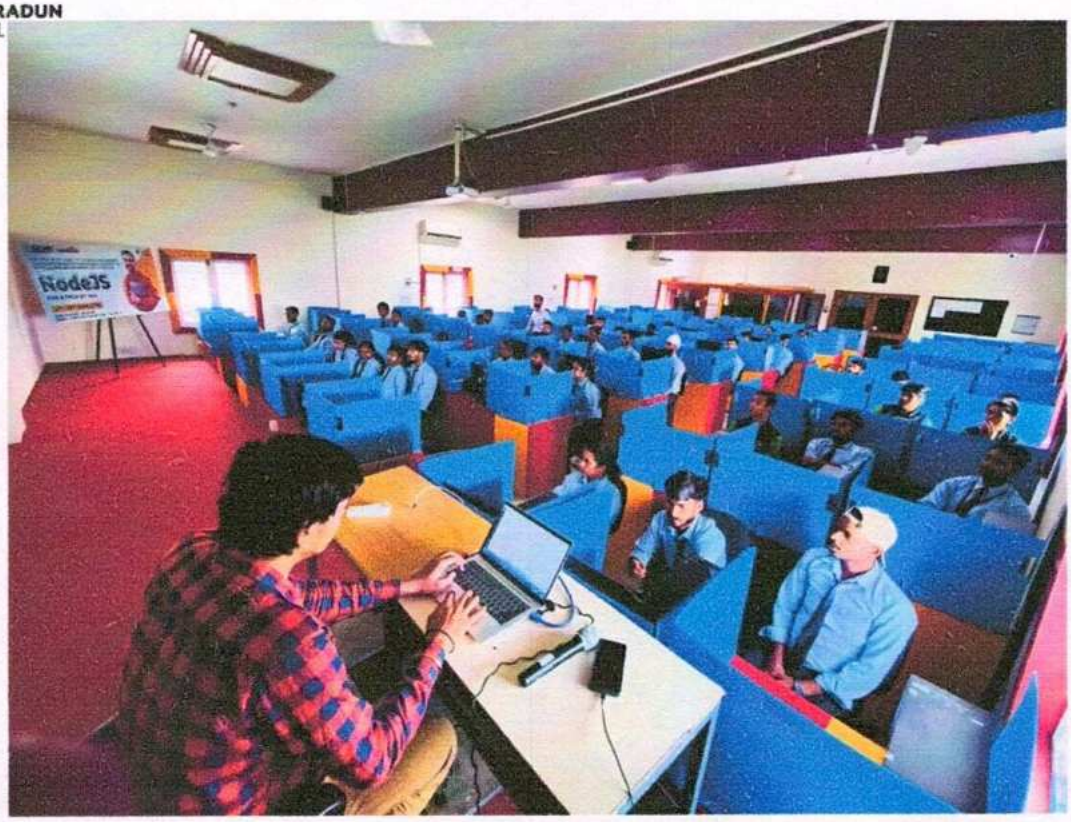
Tula's Institute, Dehradun

NAAC A+



Director
Tula's Institute, Dehradun

rcpl

CENTRE OF EXCELLENCE

CERTIFICATE

Inspire to Aspire

This is to certify that

Mr. / Ms. **ANURAG CHAUDHARY**

of

TULAS INSTITUTE, DEHRADUN

has successfully completed a 1 Week Add on Certificate on

NODE JS

from 22nd June'23 to 28th June'23

On behalf of RCPL INDIA

Director

Certification ID : RCPL-2023/4923

Date: 28th June'23

Microsoft CERTIFIED Program

Hewlett Packard Enterprise

NASSCOM

EC-Council Accredited Training Center

ORACLE Workforce Development Partner

ICT ACADEMY IIT KANPUR

Director
Tula's Institute, Dehradun

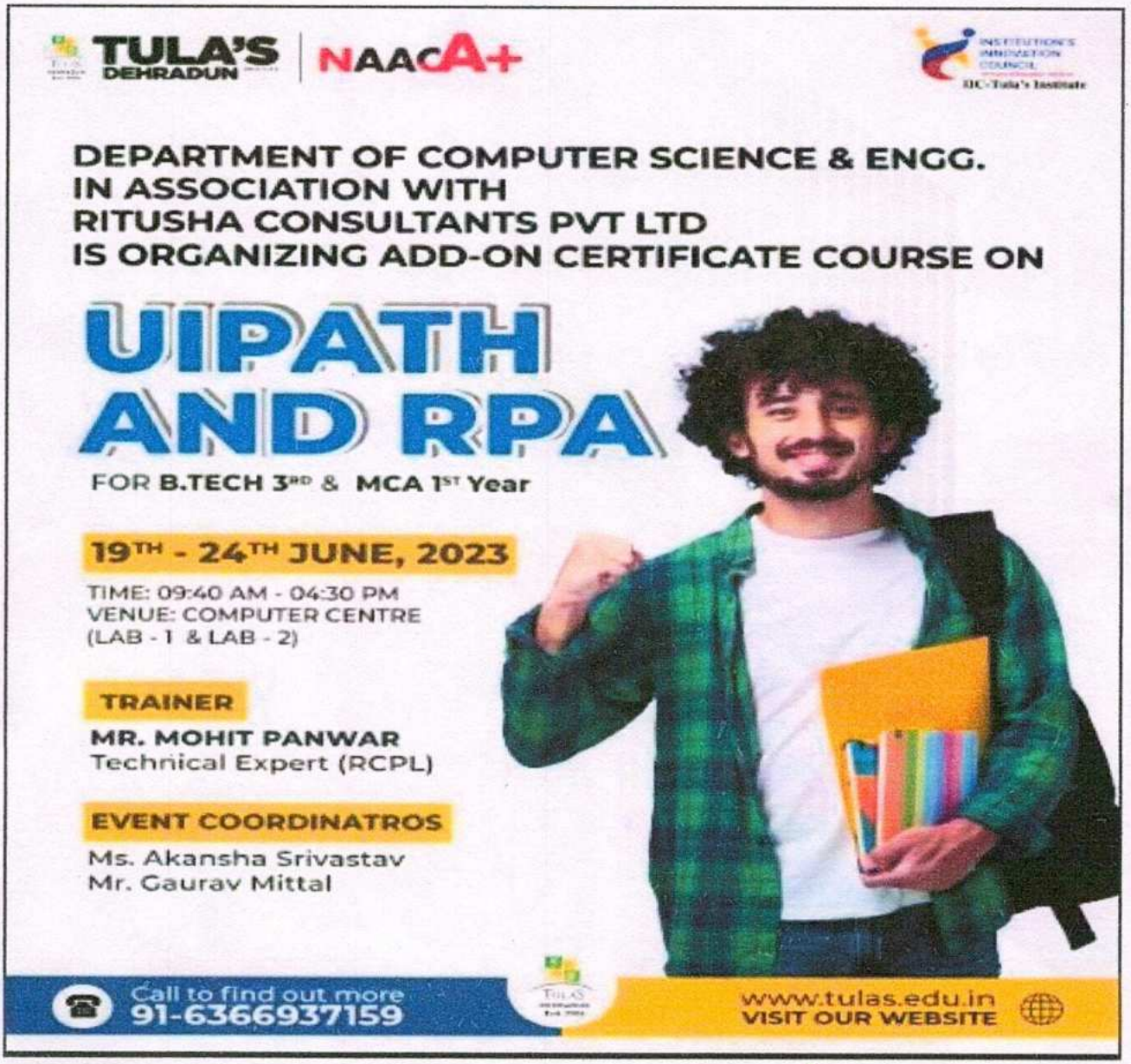
Annexure -X

Short Term Course On Uipath And Rpa

EVENTREPORT

Tula's Institute is conducted a 6-day Workshop on UiPath & RPA from 22nd June 2023 to 28th June 2023. The inaugural session was held on 22nd June 2023 and the occasion was graced by esteemed inaugural speakers namely: -

- Dr. Sandeep Vijay (Professor and Director, Tula's Institute)
- Dr. Nishant Saxena (Professor and Dean Academics, Tula's Institute)
- Dr. Anand Kumar Gupta (Associate Professor and HOD CSE, Tula's Institute)
- Mr. Mohit Panwar (Trainer, UiPath & RPA)



EVENT POTSER

Director
Tula's Institute, Dehradun

Department of Computer Science & Engineering

Event: Short Term Course on UiPath & RPA

Organized by: Department of Computer Science & Engineering

Date: 22 June 2023 to 28 June 2023

Objectives:

The objective of the UiPath and RPA workshop is to provide participants with a comprehensive understanding of Robotic Process Automation (RPA) and how UiPath can be utilized to design, deploy, and manage automation solutions. The workshop aims to equip participants with the skills and knowledge required to effectively automate business processes, thereby improving efficiency, accuracy, and scalability within their organizations. The specific objectives of the workshop are as follows:

1. **Introduction to RPA Concepts:**
   - Objective: Provide a foundational understanding of RPA, its benefits, and its role in modern business operations.
   - Outcome: Participants will understand what RPA is, how it works, and the various use cases where RPA can be applied.
2. **Overview of UiPath Platform:**
   - Objective: Introduce the UiPath platform, including its main components: UiPath Studio, UiPath Orchestrator, UiPath Robots, and UiPath Assistant.
   - Outcome: Participants will gain familiarity with the UiPath ecosystem and its functionalities.
3. **Hands-on Experience with UiPath Studio:**
   - Objective: Provide practical experience in designing automation workflows using UiPath Studio.
   - Outcome: Participants will be able to create basic automation workflows, use drag-and-drop activities, and customize workflows with scripts.
4. **Bot Deployment and Management:**
   - Objective: Teach participants how to deploy bots using UiPath Orchestrator and manage their execution and monitoring.
   - Outcome: Participants will learn how to schedule bot operations, monitor their performance, and troubleshoot issues.
5. **Automation of Real-World Scenarios:**

Director
Tula's Institute, Dehradun

- Outcome: Participants will acquire the skills to deploy and manage bots using UiPath Orchestrator.
- Details: They will understand how to schedule bots, monitor their performance, handle exceptions, and manage bot operations remotely, ensuring smooth and effective automation processes.

3. Capability to Identify and Automate Suitable Processes:

- Outcome: Participants will be able to identify repetitive, rule-based tasks within their organizations that are ideal candidates for automation.
- Details: They will learn how to analyze business processes, determine automation potential, and apply RPA to enhance efficiency and accuracy.

4. Knowledge of Best Practices and Governance:

- Outcome: Participants will understand the importance of implementing best practices and governance frameworks in RPA projects.
- Details: They will gain insights into maintaining security, compliance, and control while automating processes, ensuring that automation initiatives are sustainable and scalable.

5. Insight into Advanced RPA Features and Future Trends:

- Outcome: Participants will gain introductory knowledge of advanced UiPath features such as AI integration, machine learning, and process mining, as well as an understanding of future trends in RPA.
- Details: They will learn how to leverage these advanced capabilities to create smarter and more adaptive automation solutions, positioning their organizations to stay ahead in the rapidly evolving landscape of business process automation.

Summary Report

Introduction

The UiPath & Robotic Process Automation (RPA) workshop was designed to provide participants with a comprehensive understanding of RPA and how UiPath, a leading RPA tool, can be used to automate business processes. The workshop aimed to cover the fundamentals of RPA, hands-on training with UiPath, and real-world applications of RPA.

Workshop Objectives

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Tula's Institute, Dehradun

- Objective: Apply RPA concepts to real-world business scenarios to demonstrate the practical benefits of automation.
- Outcome: Participants will be able to identify processes suitable for automation and design workflows that improve efficiency and accuracy.

6. **Best Practices and Governance:**
   - Objective: Educate participants on best practices for RPA implementation, including governance, compliance, and security considerations.
   - Outcome: Participants will understand the importance of maintaining security and compliance while automating processes and how to implement governance frameworks.
7. **Introduction to Advanced Features:**
   - Objective: Introduce advanced UiPath features such as AI integration, machine learning models, and process mining.
   - Outcome: Participants will gain insights into how advanced features can enhance their automation projects and drive further efficiencies.
8. **Future Trends in RPA:**
   - Objective: Explore the future trends and developments in the RPA landscape, including hyper automation and cloud-based RPA solutions.
   - Outcome: Participants will be aware of the evolving trends in RPA technology and how to leverage them for competitive advantage.
9. **Interactive Q&A and Problem Solving:**
   - Objective: Provide an opportunity for participants to ask questions, discuss challenges, and receive personalized guidance.
   - Outcome: Participants will leave the workshop with answers to their specific queries and solutions to potential challenges they might face in implementing RPA.

Outcomes:

1. **Proficiency in Designing Automation Workflows:**
   - Outcome: Participants will be able to design, build, and deploy efficient automation workflows using UiPath Studio.
   - Details: They will learn to use the drag-and-drop interface, pre-built activities, and scripting capabilities to create automation solutions tailored to their specific business needs.
2. **Understanding of Bot Deployment and Management:**

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Understanding RPA: To introduce the concept of RPA, its benefits, and its impact on business processes.
UiPath Training: To provide hands-on experience with UiPath Studio, the primary development environment for creating RPA bots.

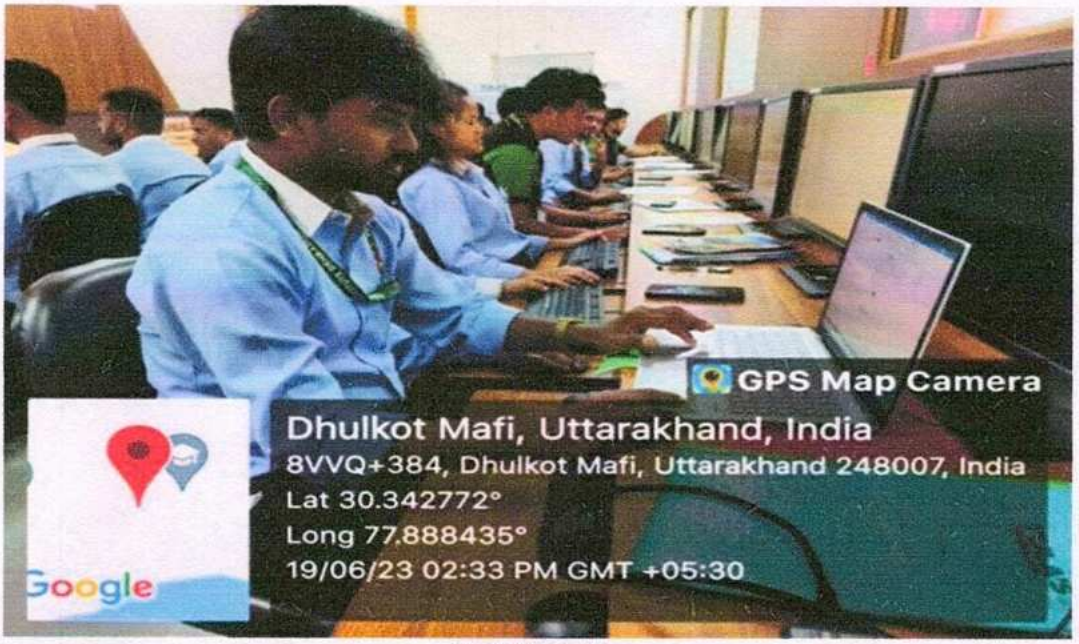
Real-World Applications: To explore practical use cases of RPA in various industries.
Project Development: To enable participants to develop and deploy a simple RPA project using UiPath.

3. Workshop Structure
The workshop was divided into four main sections:
1-Introduction to RPA
2-Getting Started with UiPath
3-Advanced UiPath Features and Techniques
4-Real-World RPA Projects

Director
Tula's Institute, Dehradun

EVENT PHOTOGRAPHS

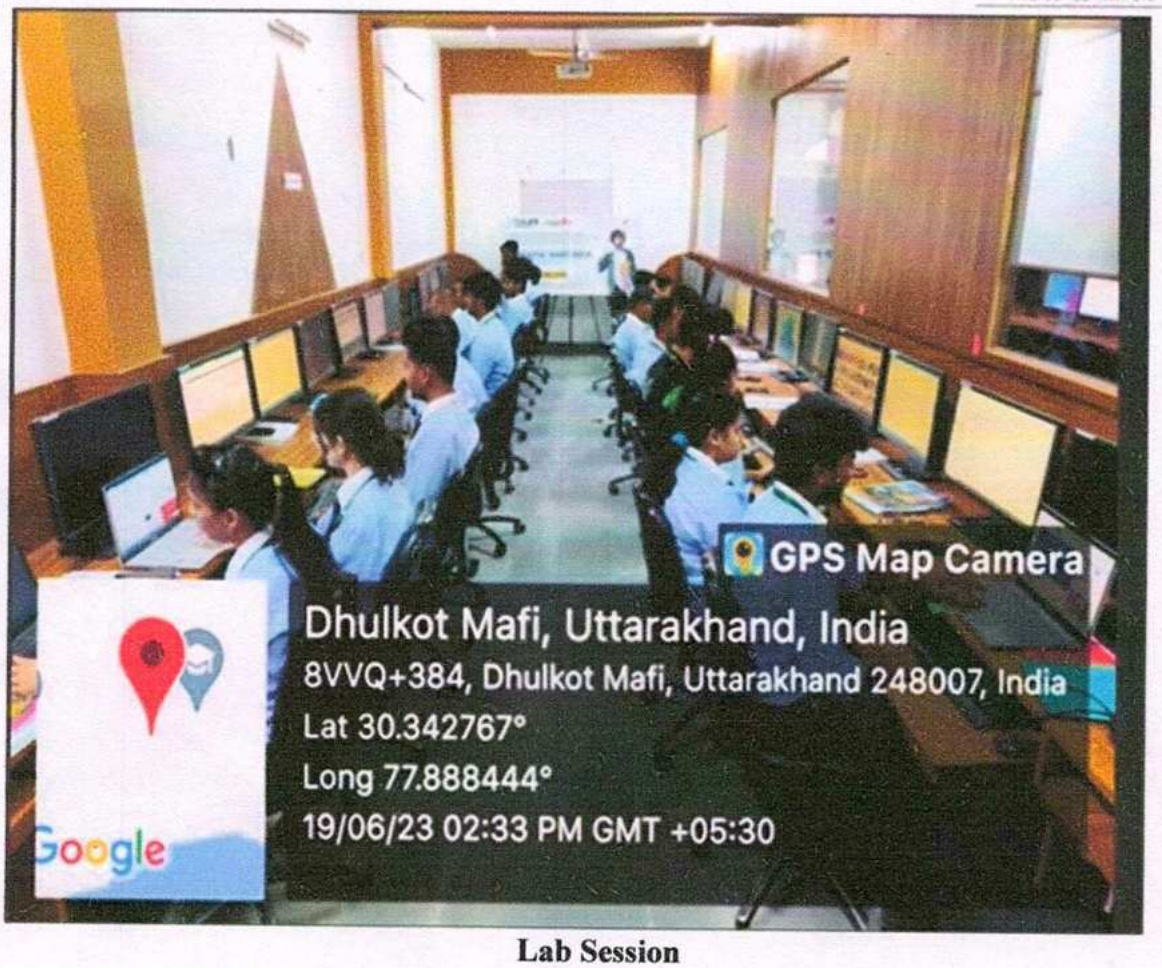
Lab Session



Lab Session

Director
Tula's Institute, Dehradun

NAAC GRADE A+ ACCREDITED INSTITUTE



Lab Session

Director
Tula's Institute, Dehradun

rcpl

CENTRE OF EXCELLENCE

CERTIFICATE

Inspire to Aspire

This is to certify that

Mr. / Ms. **J. LALRINMUANI**

of

TULAS INSTITUTE, DEHRADUN

has successfully completed a 1 Week Add on Certificate on

UiPath & RPA

from 19th June'23 to 24th June'23

On behalf of RCPL INDIA

Director

Certification ID : RCPL-2023/5272

Date: 24th June'23

Microsoft CERTIFIED Program

Hewlett Packard Enterprise

NASSCOM

EC-Council Accredited Training Center

ORACLE Workforce Development Partner

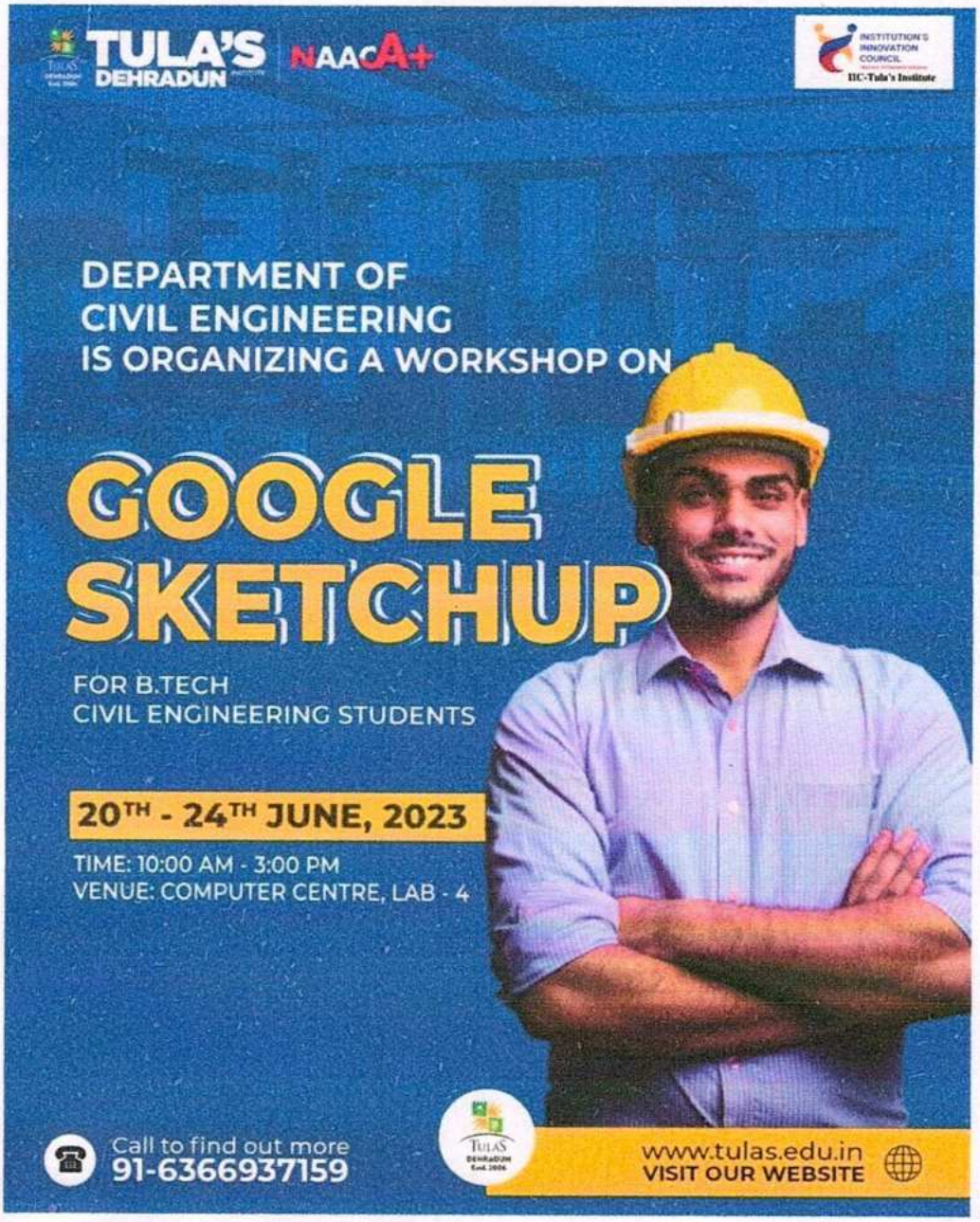
Director

Tula's Institute, Dehradun

Annexure -XI

1 Week Add On Certificate Course On Google Sketchup

EVENT POSTER



Vision

- To emerge as an academic centre producing world class professionals promoting innovation and research.

Mission:

- Promote intellectual and skilled human capital generation employment and entrepreneurship.
- Be educational centre of excellence of multi ethnicity and diversity.
- Establish as technology driven teaching learning institution.
- Provide world class platform for research and innovation.
- Inculcate social, environmental, heritage values.

Dhoolkot, P.O. Selaqui, Chakrata Road
Dehradun - 248011 (U.K India)
www.tulas.edu.in
0135-2699300
0135-2699309

Director
Tula's Institute, Dehradun

EVENT SUMMARY

Department of Civil Engineering

5 Days Add-On certification course on Sketch up

Date- 26/06/2023/DCE/Tula's Institute

Objectives:

1- To demonstrate proper use of the Google sketch up software in civil and architecture field.

2- To create various building components such as walls, slabs, columns, Doors & Windows.

3- To make students skillful in Google sketch up and to make them industry ready.

Summary: The immersive and enlightening 5-day Add-on Certification Course on Google Sketch Up, which took place from June 20th to June 21st, 2023, marked a significant milestone in the participant's journey towards mastering the art of civil, architectural and interior design. This event, meticulously designed to enrich student's skill sets and elevate their creative prowess, was inaugurated with great aplomb on its opening day by none other than the esteemed Dean of Academics and the venerable Department Head. The students from B.Tech civil engineering branch of all 4 years participated in this course.

Google Sketch Up, the focal point of this enriching course, proved to be a versatile and indispensable tool in the realm of design. Its capabilities transcend traditional design methods, allowing creators to visualize and bring to life intricate concepts in both 2D and 3D dimensions. The course, guided by industry experts and seasoned instructors, offered participants an in-depth exploration of this dynamic software, enabling them to delve into the nuances of architectural modeling, space planning, and component detailing.

The curriculum was thoughtfully curated to provide a comprehensive learning experience. Students embarked on a journey that encompassed various facets of design, from conceptualizing and sketching initial ideas to translating them into intricate digital models. Through a series of hands-on exercises and engaging tutorials, attendees honed their skills in navigating the software's interface, creating precise measurements, and adding intricate details that breathe life into their designs.

One of the course's highlights was the emphasis on house planning, both in 2D and 3D formats. Students delved into the intricacies of designing spaces that are not only aesthetically pleasing but also functional and optimized for human habitation. They learned to transform a blank canvas into a virtual realm where walls, windows, doors, and furniture seamlessly coexist to create harmonious living spaces.

Furthermore, participants had the opportunity to explore the diverse array of building components that

Google Sketch Up offers. From designing stunning facades that evoke architectural splendor to crafting minute details such as staircases, railings, and structural elements, the course exposed students to a rich palette of design possibilities. This comprehensive understanding of various building components empowered the participants to create holistic and visually appealing designs that encompassed every aspect of architectural composition.

The course wasn't solely focused on individual endeavors; it also fostered a collaborative environment. Participants engaged in interactive group activities, where they shared ideas, critiqued each other's work, and collectively tackled design challenges. This collaborative spirit enriched their learning experience and provided a glimpse into the dynamic and collaborative nature of the design industry.

As the event culminated on the 5th day, a sense of accomplishment and pride filled the air as participants were awarded certificates of completion. These certificates symbolized not only the successful culmination of the course but also the participants' dedication, hard work, and newfound expertise in Google Sketch Up. Armed with this valuable knowledge, participants were well-equipped to embark on their professional journeys, equipped with the tools to bring their creative visions to life.

In retrospect, the 5-day Add-on Certification Course on Google Sketch Up transcended conventional learning, becoming a transformative experience that widened student's horizons and kindled their imaginative potential. By harnessing the power of Google Sketch Up, attendees emerged as confident and proficient designers, capable of shaping and enhancing the world around them through innovative and visually captivating designs. This course was a testament to the enduring impact of hands-on learning and the boundless possibilities that emerge when creativity intersects with technology.

Outcomes: Students achieved following outcomes from the 5 Days course:

1. Proficient Google Sketch Up Usage
2. Enhanced 2D and 3D Design Skills
3. Comprehensive House Planning Expertise
4. Component Detailing Mastery
5. Effective Architectural Visualization
6. Collaborative Design Aptitude
7. Certificate of Completion
8. Improved Professional Preparedness
9. Increased Creative Confidence
10. Valuable Networking Opportunities

Preeti Kumari

HoD
Department of Civil Engineering
Tula's Institute, Dehradun

Director
Tula's Institute, Dehradun

EVENT'S PHOTOGRAPHS

Day 1: Picture taken during inauguration ceremony being held in presence of students & faculty members.

Day 2: Picture taken while students were being taught

CERTIFICATES

rcpl
CENTRE OF EXCELLENCE

CERTIFICATE

Inspire
to
Aspire

This is to certify that

Mr. / Ms. **AKEL SUMI**

of

TULAS INSTITUTE, DEHRADUN

has successfully completed a 1 Week Add on Certificate on

Google Sketch-Up

from 20th June'23 to 24th June'23

On behalf of RCPL INDIA

Director

Certification ID : RCPL-2023/5355
Date: 24th June'23

Microsoft CERTIFIED Program | Hewlett Packard Enterprise | NASSCOM | ORACLE Workforce Development Partner

Annexure -XII

Certificate Programme On Agripreneurship

T S

NAAC GRADE A+ ACCREDITED INSTITUTE HIGHEST RATING AMONGST COLLEGES & UNIVERSITIES IN UTTARAKHAND

TULA DEHRADUN

Ref No: Tula's Agri/HoD/02/23

Date: 26/01/2023

ULA

Notice

This is kind information to mentioned faculty that you will coordinate the **add on certificate course**. Kindly circulate the information to concern students for maximum participation.

Coordinator List:

S.N.	Course/Year	Course Coordinators	Course Duration	Remark
1.	B.Sc. (Ag) Ist Year	Dr. Rupinder Kaur	28 Jan- 04 Feb/2023	
2.	B.Sc. (Ag) IInd Year	Mr. Anikesh Sharma	28 Jan- 04 Feb/2023	
3.	B.Sc. (Ag) IIIrd Year	Dr. Manish Chauhan	28 Jan- 04 Feb/2023	
4.	B.Sc. (Ag) IVth Year	Ms. Bhawana Gahtori	28 Jan- 04 Feb/2023	

Note: No leave will be permeable during the course duration.

26/01/2023

Dr. Anita Chauhan
Head
Dept. of Agriculture

Director
Tula's Institute, Dehradun

TULA'S DEHRADUN INSTITUTE

NAAC GRADE A+ ACCREDITED INSTITUTE HIGHEST RATING AMONGST COLLEGES & UNIVERSITIES IN UTTARAKHAND

Ref No: Tula's Agri/HoD/04/23

Date: 30/01/2023

Notice

It is informed to all students that schedule of **Exposure Visit/ Hands on Training** of add on certificate course is mentioned below. Kindly ensure the maximum participation.

Add on Certificate Course Exposure Visit/ Hands on Training Schedule

S.N.	Date	Course/ Class	Time	Venue
1	31.1.23	B.Sc. Ag Ist Year	10.00AM- 1.00PM- 1ST BATCH 02.00PM- 4.00PM- 2ND BATCH	TRC FARM Dholkoot
2	1.2.23	B.Sc. Ag IIIrd Year	10.00AM- 2.00PM	Horticulture Board, ISBT
3	2.2.23	B.Sc. Ag IVth Year	10.00AM- 2.00PM	TRC FARM Dholkoot
4	3.2.23	B.Sc. Ag IVth Year	10.00AM- 2.00PM	UCOST, Jhajra

30/01/23

Program Coordinator
Mr. Ashish Upadhyay
Dept. of Agriculture

30/01/2023

Head
Dr. Anita Chauhan
Dept. of Agriculture

Director
Tula's Institute, Dehradun

Copy to:
1. Dean, Agriculture
2. Registrar
3. Add on course coordinators

4. **Capacity Building Certificate programme on Agri startups and use of E- Commerce, Digital platforms and marketing**

This will benefits in introduction to Motivation, Introduction, On boarding process, Social Media platform and business, Packaging skills, use of digital financial platform

TRAINING CALENDAR

Date	Course	Time	
28.01.2023	Agripreneurship[development program]	10:00am to 12:30pm (Auditorium)	
	Food Processing& Preservation	10:00am to 12:30pm (Auditorium)	
	Organic Production &Composting Technology	10:00am to 12:30pm (Auditorium)	
	Agri startups and use of E- Commerce, Digital plateforms and marketing	10:00am to 12:30pm (Auditorium)	
30.01.2023	Agripreneurship[development program]	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00p (Conference Hal
	Food Processing& Preservation	10:00am to 12:30pm (D-401)	2:30pm to 4:00p (Agri Farm)
	Organic Production &Composting Technology	10:00am to 12:30pm (Conference Hall)	2:30pm to 4:00p (Agri Farm)
	Agri startups and use of E- Commerce, Digital plateforms and marketing	10:00am to 12:30pm (Conference Hall)	2:30pm to 4:00p (Agri Farm)
31.01.2023	Agripreneurship[development program]	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00p (Conference Hal
	Food Processing& Preservation	10:00am to 12:30pm (D-401)	2:30pm to 4:00p (Agri Farm)
	Organic Production &Composting Technology	10:00am to 12:30pm (Conference Hall)	2:30pm to 4:00p (Agri Farm)
	Agri startups and use of E- Commerce, Digital plateforms and marketing	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00p (D-401)
01.02.2023	Agripreneurship[development program]	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00p (Conference Hal
	Food Processing& Preservation	10:00am to 12:30pm (D-401)	2:30pm to 4:00p (Agri Farm)
	Organic Production &Composting Technology	10:00am to 12:30pm (Conference Hall)	2:30pm to 4:00p (Agri Farm)
	Agri startups and use of E- Commerce, Digital plateforms and marketing	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00p (D-401)

Director
Tula's Institute, Dehradun

02.02.2023	Agripreneurship[development program]	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00pı (Conference Hal
	Food Processing& Preservation	10:00am to 12:30pm (D-401)	2:30pm to 4:00pı (Agri Farm)
	Organic Production &Composting Technology	10:00am to 12:30pm (Conference Hall)	2:30pm to 4:00pı (Agri Farm)
	Agri startups and use of E- Commerce, Digital plateforms and marketing	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00pı (D-401)
03.02.2023	Agripreneurship[development program]	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00pı (Conference Hall
	Food Processing& Preservation	10:00am to 12:30pm (D-401)	2:30pm to 4:00pı (Agri Farm)
	Organic Production &Composting Technology	10:00am to 12:30pm (Conference Hall)	2:30pm to 4:00pı (Agri Farm)
	Agri startups and use of E- Commerce, Digital plateforms and marketing	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00pı (D-401)
04.02.2023	Agripreneurship[development program]	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00pı (Conference Hall
	Food Processing& Preservation	10:00am to 12:30pm (D-401)	2:30pm to 4:00pı (Agri Farm)
	Organic Production &Composting Technology	10:00am to 12:30pm (Conference Hall)	2:30pm to 4:00pı (Agri Farm)
	Agri startups and use of E- Commerce, Digital plateforms and marketing	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00pı (D-401)

28/01/2

Director
Tula's Institute, Dehradun

Syllabus:

1) **Agripreneurship [development program]**

Introduction & Objective

1. To compile information relating to Agripreneurship with a specific focus on India.
2. To assess the awareness level regarding the agripreneurial activities that they can undertake.
3. To understand the extent of readiness of the youth for attempting to become agripreneurs in their given situations.
4. To identify the issues and challenges hindering the agripreneurs to emerge in India.
5. To discuss the phenomena and scope of agribusiness scenario in the Indian context.

To discuss the various correlation, as a strategic precursor for agribusiness development.

2) **Food Processing & Preservation** : Introduction; Definition; Objective; Types and Methods; Principle; Importance; Technique & Processing, Benefits, Conclusion

3) **Organic Production & Composting Technology**

Organic Production & Composting Technology: Concept of Organic farming, certification procedure of organic farm, organic standards, procedure of inspection and certification, Concept of Marketing and Indian Organic Market, Economics of Organic Farming and Government Schemes to support Organic Farming. Chemical fertilizer vs. organic fertilizer. Concept of Vermicomposting techniques, vermicomposting methods and management in farm. Vermiculture, types of earth worm. Introduction to Biopesticides and biofertilizers. Concept of Biodynamic composts making.

4) **Agri startups and use of E- Commerce, Digital plateforms and marketing**

Introduction & Objective: Introduction to Motivation, Introduction, on boarding process, Social Media platform and business, Packaging skills, use of digital financial platform

Thankyou!

20/01/23

Director
Tula's Institute, Dehradun

Department of Agriculture

Event: Add on Course B.sc Agriculture 1st year (Organic Farming and Vermicomposting)

Organized by: Department of Agriculture

Objective: In fact, vermicompost can enhance soil fertility physically, chemically and biologically. Physically, vermicompost-treated soil has better aeration, porosity, bulk density and water retention. Chemical properties such as pH, electrical conductivity and organic matter content are also improved for better crop yield.

Organic farming

The goal of organic farming is to produce food using natural substances. Other objectives include:

- Conserving soil and water
- Reducing pollution
- Using natural pesticides
- Maintaining biodiversity and protecting animal welfare

Vermicompost

The main objective of vermicomposting is to produce high-quality manure for nutrient-deficient soil. Other objectives include:

- Composting organic waste
- Disposing of solid organic waste
- Turning green organic waste into nutrient-rich soil

Summary:- Vermicomposting is a process in which earthworms are used to convert organic materials into humus-like material known as vermicompost. A number of researchers throughout the world have found that the nutrient profile in vermicompost is generally higher than traditional compost.

Outcome:- Students will be able to learn:

Vermicompost can be used in organic farming and small scale sustainable farming. Vermicompost has several excellent properties and has many advantages when applied to the soil. Vermicompost is an excellent nutrient-rich organic fertiliser, which helps plants to grow well and give better yields.

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0135-2699300
0135-2699309

Director
Tula's Institute, Dehradun

TULA'S DEHRADUN INSTITUTE

NAAC GRADE A+ ACCREDITED INSTITUTE
HIGHEST RATING AMONGST COLLEGES & UNIVERSITIES IN UTTARAKHAND

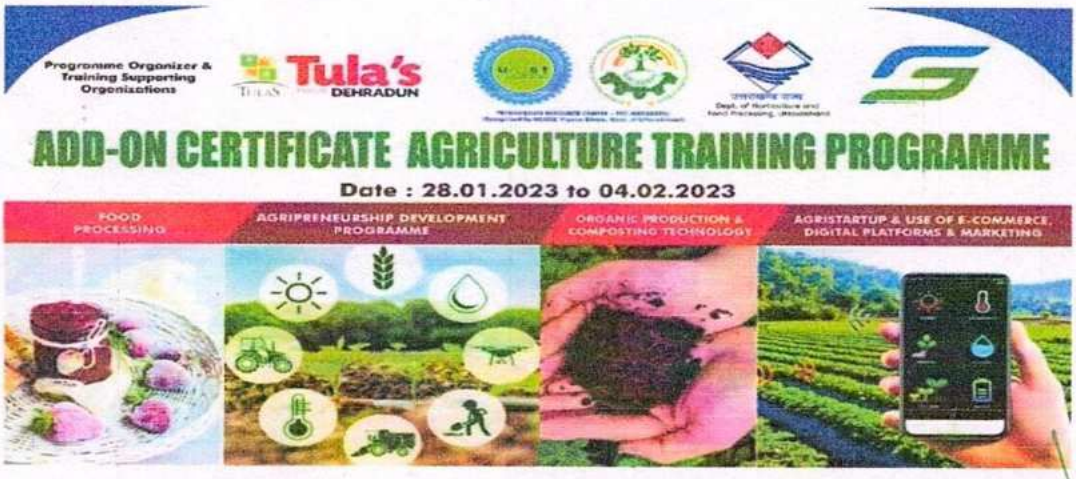
Ref No: Tula's Agri/HoD/06/23

Date: 04 /02/2023

Add on Certificate Training Program

28.01.2023 to 04.02.2023

Photographs



Director
Tula's Institute, Dehradun

Director
Tula's Institute, Dehradun

Technology Resource Centre TRC (KRCADEPS)
Jhajra, Uttarakhand

Tula's DEHRADUN

ADD-ON CERTIFICATE AGRICULTURAL TRAINING PROGRAMME

DEPT. OF AGRICULTURE, TULA'S INSTITUTE, DEHRADUN

Certificate

This is to certify that

Mr./Ms ....RUPESH KUMAR..... S/o/D/o ....MR. SITARAM MAHTO.....

Has Successfully Completed Add-on Certificate Agricultural Training Programme

On

"Organic Production & Composting Technology"

Organised at Tula's Institute, Dehradun

Starting Date of Programme: 28-01-2023

Completion Date of Programme: 04-02-2023

C.S.I: TRC/KRC-23/ADO-TI/OPCT-96

Date of Issue: 04-02-2023

Director
Tula's Institute, Dehradun

Mr. Deepak Kumar
Programme Co-ordinator, KRCDEPS, Jhajra

Mr. Keshav Ram Sharma
Secretary, KRCADEPS, (TRC) Jhajra

Dr. Aparna Sharma
Sr. Scientific Officer, UCOST

Annexure -XIII

Certificate Programme On Food Processing & Prevention

T S

NAAC GRADE A+ ACCREDITED INSTITUTE HIGHEST RATING AMONGST COLLEGES & UNIVERSITIES IN UTTARAKHAND

TULA DEHRADUN

Ref No: Tula's Agri/HoD/02/23

ULA

Date: 26/01/2023

Notice

This is kind information to mentioned faculty that you will coordinate the **add on certificate course**. Kindly circulate the information to concern students for maximum participation.

Coordinator List:

S.N.	Course/Year	Course Coordinators	Course Duration	Remark
1.	B.Sc. (Ag) Ist Year	Dr. Rupinder Kaur	28 Jan- 04 Feb/2023	
2.	B.Sc. (Ag) IInd Year	Mr. Anikesh Sharma	28 Jan- 04 Feb/2023	
3.	B.Sc. (Ag) IIIrd Year	Dr. Manish Chauhan	28 Jan- 04 Feb/2023	
4.	B.Sc. (Ag) IVth Year	Ms. Bhawana Gahtori	28 Jan- 04 Feb/2023	

Note: No leave will be permeable during the course duration.

26/01/2023

Dr. Anita Chauhan
Head
Dept. of Agriculture

Director
Tula's Institute, Dehradun

TULA'S

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Ref No: Tula's Agri/HoD/04/23

Date: 30/01/2023

Notice

It is informed to all students that schedule of **Exposure Visit/ Hands on Training** of add on certificate course is mentioned below. Kindly ensure the maximum participation.

Add on Certificate Course Exposure Visit/ Hands on Training Schedule

S.N.	Date	Course/ Class	Time	Venue
1	31.1.23	B.Sc. Ag Ist Year	**10.00AM- 1.00PM- 1ST BATCH** **02.00PM- 4.00PM- 2ND BATCH**	**TRC FARM Dholkoot**
2	1.2.23	B.Sc. Ag IIIrd Year	**10.00AM- 2.00PM**	**Horticulture Board, ISBT**
3	2.2.23	B.Sc. Ag IVth Year	**10.00AM- 2.00PM**	**TRC FARM Dholkoot**
4	3.2.23	B.Sc. Ag IVth Year	**10.00AM- 2.00PM**	**UCOST, Jhajra**

30/01/23

Program Coordinator
Mr. Ashish Upadhyay
Dept. of Agriculture

30/01/2023

Head
Dr. Anita Chauhan
Dept. of Agriculture

Tula's Institute, Dehradun

Director
Tula's Institute, Dehradun

Copy to:
1. Dean, Agriculture
2. Registrar
3. Add on course coordinators

Certificate Training Programme Calendar 2023

ORGANIZERS

TULA'S DEHRADUN Estd. 2008

उत्तराखण्ड राज्य

Dept. of Horticulture and Food Processing

Technology Resource Centre (KRCADEPS), Jhajra, Uttarakhand

The Training Certificate Programme would be a seven-days each training programme which will be held through classroom mode. The training programme day-wise breakup is mentioned below:

Name of Add on /Certificate programs offered	Semester/ Year & Student	Year of offering	Duration of course (28.1.23-4.2.23)	Recommended Agency
Certificate programme on Organic Production & Composting Technology	1st Year (1st Sem) (118)	2022-23	One week	Technology Resoorce centre-TRC, JHAJRA/ UCOST, Govt of Uttarakhand
Certificate Programm on Food Processing & Preservation	2nd Year (3rd Sem) (35)	2022-23	One week	Horticulture Dept. Govt. of Uttarakhand
Capacity Building Certificate programme on Agri startups and use of E- Commerce, Digital plateforms and marketing	3rd Year (5th Sem) (45)	2022-23	One week	Technology Resource centre-TRC, Jhajra/ UCOST, Govt of Uttarakhand
Certificate Programm on Agripreneurship [development program]	4th Year [7th Sem] (97)	2022-23	One week	Technology Resource centre-TRC, Jhajra/ UCOST, Govt of Uttarakhand

1. Agripreneurship development program

The overall objectives of Agripreneurship development program are mainly to help in the rapid growth of the economy by supplying skilled agri-entrepreneurs in the society. This programme primarily aims at providing self-employment to the young generation. Stimulatory Role: It aims at influencing people in large number to be the entrepreneur.

2. Food Processing & Preservation

The primary objective of food preservation is to provide general knowledge and experience in the field of food processing. It includes management and processing of value addition of agricultural and horticultural produce.

3. Organic Production & Composting Technology

Introduction/ Scope of Organic Farming and Vermicomposting

- Concept of Organic farming, certification procedure of organic farm, organic standards, procedure of inspection and certification, Concept of Marketing and Indian Organic Market, Economics of Organic Farming and Government Schemes to support Organic Farming. Chemical fertilizer vs. organic fertilizer.
- Concept of Vermicomposting techniques, vermicomposting methods and management in farm. Vermiculture, types of earth worm. Introduction to Biopesticides and biofertilizers. Concept of Biodynamic composts making.

Director
Tula's Institute, Dehradun

28/01/23

02.02.2023	Agripreneurship[development program]	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00pı (Conference Hall
	Food Processing& Preservation	10:00am to 12:30pm (D-401)	2:30pm to 4:00pı (Agri Farm)
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04.02.2023	Agripreneurship[development program]	10:00am to 12:30pm (Agri Farm)	2:30pm to 4:00pı (Conference Hall
	Food Processing& Preservation	10:00am to 12:30pm (D-401)	2:30pm to 4:00pı (Agri Farm)
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28/01/2

Director
Tula's Institute, Dehradun

Syllabus:

1) **Agripreneurship [development program]**

Introduction & Objective

1. To compile information relating to Agripreneurship with a specific focus on India.
2. To assess the awareness level regarding the agripreneurial activities that they can undertake.
3. To understand the extent of readiness of the youth for attempting to become agripreneurs in their given situations.
4. To identify the issues and challenges hindering the agripreneurs to emerge in India.
5. To discuss the phenomena and scope of agribusiness scenario in the Indian context.

To discuss the various correlation, as a strategic precursor for agribusiness development.

2) **Food Processing & Preservation** : Introduction; Definition; Objective; Types and Methods; Principle; Importance; Technique & Processing, Benefits, Conclusion

3) **Organic Production & Composting Technology**

Organic Production & Composting Technology: Concept of Organic farming, certification procedure of organic farm, organic standards, procedure of inspection and certification, Concept of Marketing and Indian Organic Market, Economics of Organic Farming and Government Schemes to support Organic Farming. Chemical fertilizer vs. organic fertilizer. Concept of Vermicomposting techniques, vermicomposting methods and management in farm. Vermiculture, types of earth worm. Introduction to Biopesticides and biofertilizers. Concept of Biodynamic composts making.

4) **Agri startups and use of E- Commerce, Digital plateforms and marketing**

Introduction & Objective: Introduction to Motivation, Introduction, on boarding process, Social Media platform and business, Packaging skills, use of digital financial platform

Thankyou!

28/01/23

Director
Tula's Institute, Dehradun

Department of Agriculture

Event: Add on Course B.sc Agriculture 2nd year (Food Processing and Preservation Techniques)

Organized by: Department of Agriculture

Objective: Food processing reduces the number of harmful bacteria in food that can cause diseases. For eg., drying, pickling dehydrates the food product and alters the pH that prevents the growth of harmful microorganisms. It also improves the shelf-life of food products.

Food processing

- Improve food safety
- Extend shelf life
- Improve nutritional value
- Enhance palatability

Food preservation

- Prevent contamination of food from damaging agents
- Delay or prevent the growth of microorganisms in the food
- Delay enzymic spoilage
- Maintain safe and nutritious food for an extended period of time

Summary:- Commonly used food preservation methods are refrigeration, canning, irradiation, drying, salting, smoking, and fermentation, which help improve the shelf stability of foods such as fruits, vegetables products.

Outcome:- Students will be able to learn:

Food processing transforms raw ingredients into food or other intermediate products, and preservation is the process of handling and treating food to control its spoilage by stopping the attack and growth of foodborne diseases causing microbes, avoiding oxidation of fats (rancidity), and maintaining the nutritional.

Director
Tula's Institute, Dehradun

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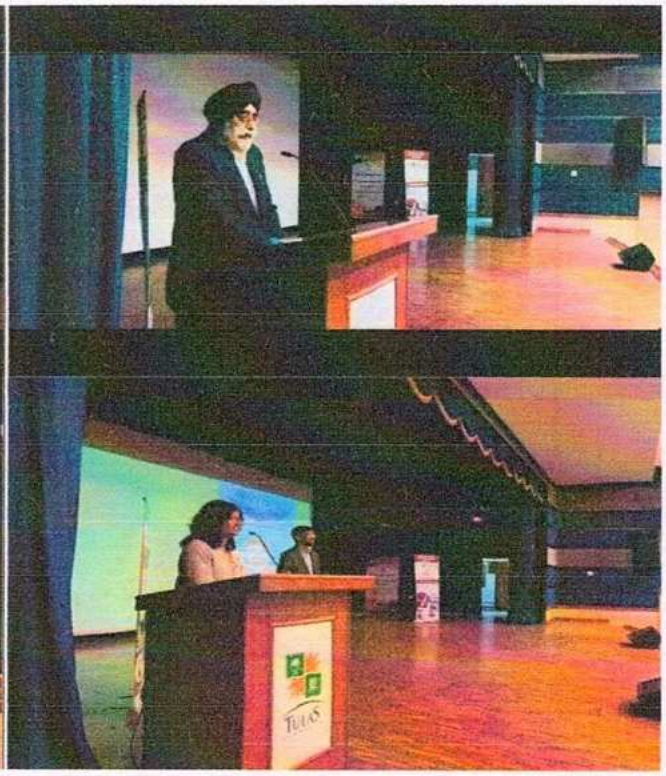
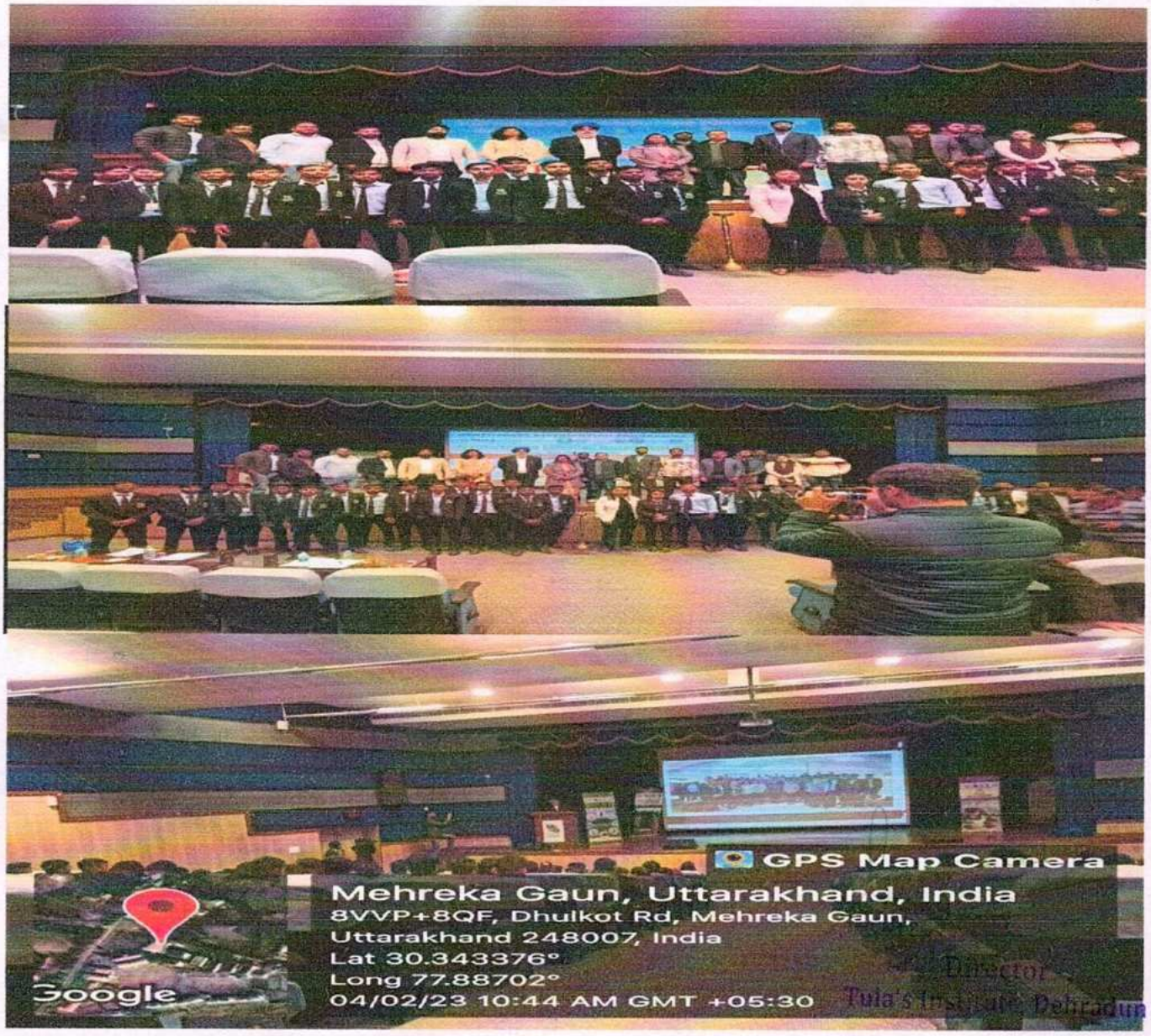
0135-2699309

Director
Tula's Institute, Dehradun





Director
Tula's Institute, Dehradun

TECHNOLOGY RESOURCE CENTRE - TRC (KRCADEPS)
(Recognised by UCOST, Vigyan Dham, Govt. of Uttarakhand)

ADD-ON CERTIFICATE AGRICULTURE COURSE

DEPT. OF AGRICULTURE, TULA'S INSTITUTE, DEHRADUN

Certificate

This is to certify that

Mr. /Ms. ANUBHAV KUMAR S/o/D/o/W/o KARUNESH KUMAR

Has Successfully completed Add-on Certificate Agricultural Course On

"SMART AGRICULTURE VS SMART AGRI. YOUTH"

Organised at Tula's Institute, Dehradun

Starting Date of Programme: 05.06.2023

Completion Date of Programme: 10.06.2023

Approved Certificate Candidate Code 1209

C. Sl. No: TRC/KRC-23/ADO-TI/SA- 20

Date of Issue: 10.06.2023

Director
Tula's Institute, Dehradun

Mr. Chintamani Paudel
Programme Co-ordinator KRCADEPS

Mr. Keshav Ram Sharma
Secretary, KRCADEPS, Dehradun

Mr. Amit Pokhriyal
Public Relation Manager UCOST, Vigyan Dham

Annexure -XV

Capacity Building Certificate Programme On Agri Startups And Use Of E-Commerce,Digital Plateforms And Marketing

T S

NAAC GRADE A+ ACCREDITED INSTITUTE HIGHEST RATING AMONGST COLLEGES & UNIVERSITIES IN UTTARAKHAND

TULA DEHRADUN

Ref No: Tula's Agri/HoD/02/23

Date: 26/01/2023

ULA

Notice

This is kind information to mentioned faculty that you will coordinate the **add on certificate course**. Kindly circulate the information to concern students for maximum participation.

Coordinator List:

S.N.	Course/Year	Course Coordinators	Course Duration	Remark
1.	B.Sc. (Ag) Ist Year	Dr. Rupinder Kaur	28 Jan- 04 Feb/2023	
2.	B.Sc. (Ag) IInd Year	Mr. Anikesh Sharma	28 Jan- 04 Feb/2023	
3.	B.Sc. (Ag) IIIrd Year	Dr. Manish Chauhan	28 Jan- 04 Feb/2023	
4.	B.Sc. (Ag) IVth Year	Ms. Bhawana Gahtori	28 Jan- 04 Feb/2023	

Note: No leave will be permeable during the course duration.

26/01/2023

Dr. Anita Chauhan
Head
Dept. of Agriculture

Director
Tula's Institute, Dehradun

Certificate Training Programme Calendar 2023

ORGANIZERS

TULA'S DEHRADUN Estd. 2008

उत्तराखण्ड राज्य

Dept. of Horticulture and Food Processing

Technology Resource Centre (KRCADEPS), Jhajra, Uttarakhand

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Tula's Institute, Dehradun

28/01/23

4. **Capacity Building Certificate programme on Agri startups and use of E- Commerce, Digital platforms and marketing**

This will benefits in introduction to Motivation, Introduction, On boarding process, Social Media platform and business, Packaging skills, use of digital financial platform

TRAINING CALENDAR

Date	Course	Time	
28.01.2023	Agripreneurship[development program]	10:00am to 12:30pm (Auditorium)	
	Food Processing& Preservation	10:00am to 12:30pm (Auditorium)	
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28/01/2

Director
Tula's Institute, Dehradun

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Introduction & Objective: Introduction to Motivation, Introduction, on boarding process, Social Media platform and business, Packaging skills, use of digital financial platform

Thankyou!

28/01/23

Director
Tula's Institute, Dehradun

Department of Agriculture

Event: Add on Course B.sc Agriculture 4th year (Agripreneurship development programm.)

Organized by: Department of Agriculture

Objective: Mushroom cultivation can be a labour intensive activity. Therefore, it will serve as means of generating employment, particularly for rural women and youths in order to raise their social status. It will also provide additional work for the farmers during winter months when the farming schedule is light. **Some practical activities for mushroom cultivation include:**

- Filling up compost
- Spawning
- Preparing casing material and applying it
- Maintaining temperature, humidity, and aeration
- Harvesting the produce
- Preparing mother spawn
- Multiplying spawn for commercial use

Summary:-

Mushroom cultivation require 80-90% relative humidity and temperature range of 16° C - 23° C [13]. The cultivation starts with compost preparation followed by spawning, casing, harvesting and processing. Mushroom being fragile and perishable commodity requires processing after harvesting.

Outcome:- Students will be able to learn:

- Food: Mushrooms are a nutritious, fast-yielding food source. They contain up to 30% protein by dry weight and less fat and carbohydrates.
- Income: The harvested fruiting bodies can be sold in local markets or exported for foreign exchange.
- Employment: Mushroom cultivation can help solve unemployment problems.
- Waste recycling: Mushroom production can convert lignocellulosic waste materials into a variety of products, including edible and medicinal food, feed, and fertilizers. It can also manage farm organic wastes by using agricultural and food processing by-products as growing media.

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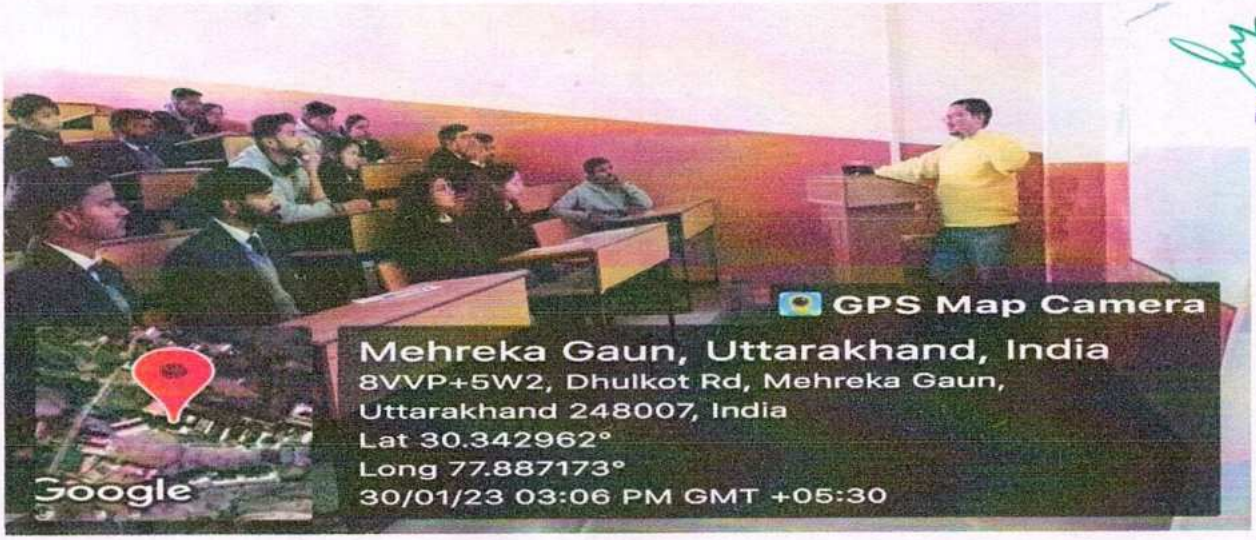
Director
Tula's Institute Dehradun



Director
Tula's Institute, Dehradun

KRISHVAN RESEARCH CENTRE (KRCADEPS)
TECHNOLOGY RESOURCE CENTRE
KRISHVAN RESEARCH CENTRE

2023/2/1 16:21

Technology Resource Centre TRC (KRCADEPS)
Jhajra, Uttarakhand

Tula's Institute DEHRADUN

ADD-ON CERTIFICATE AGRICULTURAL TRAINING PROGRAMME

DEPT. OF AGRICULTURE, TULA'S INSTITUTE, DEHRADUN

Certificate

This is to certify that

Mr./Ms Deepak Kumar S/o/D/o .....

Has Successfully Completed Add-on Certificate Agricultural Training Programme

On

"Agri-startups and Use Of E-commerce, Digital Plateforms & Marketing "

Organised at Tula's Institute, Dehradun

Starting Date of Programme: 28-01-2023

Completion Date of Programme: 04-02-2023

Director
Tula's Institute, Dehradun

C.S.I: TRC/KRC-23/ADO-TI/DM-

Date of Issue: 04-02-2023

Mr Kamal Kant Sharma CEO, Farmpreneur	Mr. Balwant Singh Panwar Programme Co-ordinator, KRCDEPS, Jhajra	Mr. Keshav Ram Sharma Secretary, KRCADEPS, (TRC) Jhajra	Dr. Aparna Sharma Sr. Scientific Officer, UCOST

Annexure -XVI

Short Term Course On Video Editing & Production By Liberal Arts Production

DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

Date- 28/01/2023

OBJECTIVE:

1. The objective of this Add-on Certificate course is to teach students about the fundamentals of Video Editing & Production in the field of Journalism and Mass Communication.
2. To understand dynamic trends in the Production field.

SUMMARY

The Department of Journalism and Mass Communication (Tula's Institute) in association with Liberal Arts Production conducted a Seven Days add-on certificate course (28th January to 4th February 2023) on "Video Editing and Production. The inaugural session started with a welcome speech from the Head of the Department, Prof. (Dr.) R.C. Pathak, followed by a felicitation of the guests by Prof. (Dr.) Ranit Kishore (Dean, Management and Agriculture). The faculty coordinators for the session were Dr. Ankit Ghildiyal, Mr. Tauseef Iqbal and Mr. Neeraj Kotiyal. Experts for the session were Mr. Lakshay Khanduri (Founder, Liberal Arts Production), Mr. Vivek Maheshwari (Producer) and Mr. Sanyam Arora (Assistant Film Maker). They informed students about their production house and how they started their journey. Students were excited to be a part of this certification course where they learned about the fundamentals of video editing & production to enhance their creativity and skills. The final day of the session started with the screening of video projects made by students and they shared what they learned, the challenges they faced and how they resolved it. All students were delighted as their hard work and dedication paid off and they got applauded for their efforts. Then the entire guests were felicitated with memento. Followed by Valedictory speech from Prof. (Dr.) R.C. Pathak (Head of the Department) where he motivated students

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to be positive and always work hard to achieve their goals. Students were happy as they benefited from this Add-on Certificate course and they learned about (Pre- Production, Production, Post Production) and fundamental techniques of Video Editing.

OUTCOMES OF THE 7 DAYS ADD-ON CERTIFICATE COURSE

Students learned about the various techniques of Video Editing. They learned about Pre-Production (Script Writing), Production (Camera Handling / Framing / Shooting Film) & they also learned Post- Production (Editing Video Projects) in a short period of time. Students learned about new software as per the latest industry standard. Students achieved following skills from course:

1. Students were able to know about the recent developments in the field of production,
2. Students developed enhanced creative thinking Skills.
3. Students understood working of Video Editing Software.
4. Students learned the art of Camera Handling and Video Shooting.
5. Student learned about creative Script Writing skills for the Projects.
6. Students understood the value of team Work.
7. Students produced a promotional video in a week for Tula's Institute.

Director
Tula's Institute, Dehradun

SHORT TERM COURSE ON "VIDEO PRODUCTION & EDITING" PHOTOGRAPHS

Day 1 EMPC LAB PHOTOGRAPH (INAUGURAL SESSION)

DAY 2 EMPC LAB PHOTOGRAPH

Director
Tula's Institute, Dehradun

DAY 5 EMPC LAB PHOTOGRAPH

DAY 6 EMPC LAB PHOTOGRAPH

Director
Tula's Institute, Dehradu

DAY 7 EMPC LAB VALEDICTORY SESSION PHOTOGRAPH

DAY 7 GROUP PHOTOGRAPH

Director
Tula's Institute, Dehradun

Liberal Arts productions

TULA'S DEHRADUN INSTITUTE

NAAC GRADE A+ ACCREDITED INSTITUTE

HIGHEST RATING AMONGST COLLEGES & UNIVERSITIES IN UTTARAKHAND

CERTIFICATE
OF COMPLETION

THIS IS TO CERTIFY THAT

Sumitra

*of the Department of Journalism and Mass Communication has Successfully Completed the Add-on-Certificate Course on **Video Editing & Production** between 28.01.2023 - 04.02.2023*

We wish her every success in her career.

4th February

Lakshya Khanduri
Director & Producer

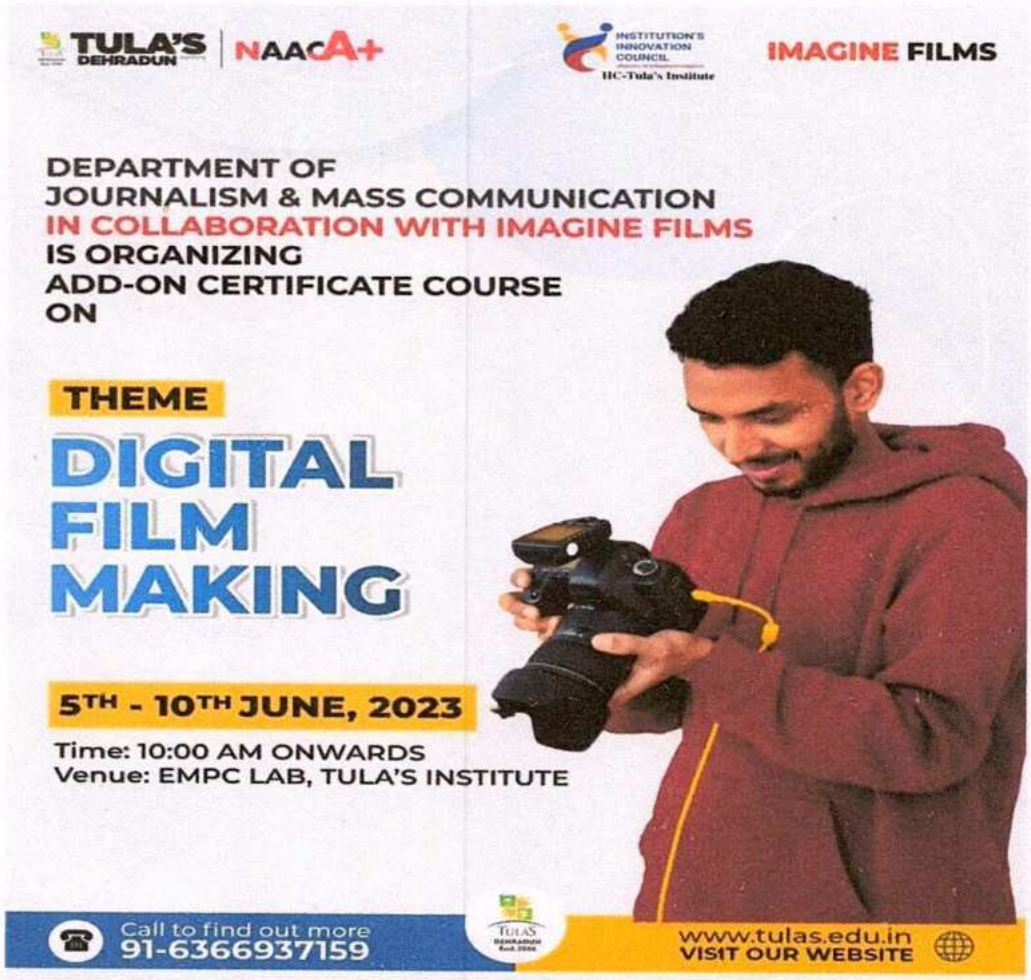
Vivek Maheshwari
Producer &
Director of Photography

Director
Tula's Institute, Dehradun

Annexure -XVII

Short Term Course On Digital Film Making By Imagine Films

EVENT POSTER



Event Creative for 6 Days Add-On Certificate Course

Director
Tula's Institute, Dehradun

DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

Six Days add-on certificate course on Digital Film Making

Date- 12/06/2023/DJMC/Tula's Institute

Objective:

1- To demonstrate proper use of the digital film equipment and the terminology.

2- To create and use pre-production documents such as storyboards, shooting scripts, proposals, instructional design scripts, shot lists, editing scripts, text lists, lighting design documents, wardrobe lists and location diagrams.

3- To demonstrate proper use of industry terminology in all production materials, activities and critiques.

4- To write, direct, produce and broadcast a quality digital cinematography product.

5- To demonstrate industry level ability and familiarity in Digital Film Technology by categorizing digital film in a variety of genres (Commercial, documentary, Short Films and Instructional videos)

Summary:

The Department of Journalism and Mass Communication (Tula's Institute) in collaboration with "Imagine Films" conducted a Six Days Add-on Certificate course (05th June to 10th June 2023) on **"Digital Filmmaking".** The inaugural session started with a welcome speech from the Head of the Department, Prof. (Dr.) R. C. Pathak, followed by a felicitation of the guests by Prof. (Dr.) Sandip Vijay (Director) and Dr. Ranit Kishore (Dean of Management and Agriculture). The faculty coordinators for the session were Dr. Ankit Ghildiyal, Mr. Tauseef Iqbal, Mrs. Deepika Rawat and Mr. Neeraj Kotiyal.

Experts for the session were Mr. Anil Vohra (Director, Imagine Films), Dr. Jitendra Sinha (Producer, Imagine Films), Mr. Sanjay Gairola (Actor, Bollywood & Imagine Films), and Mrs. Nootan Varun (Anchor, Doordarshan & Imagine Films).

The entire session was focused on the various aspects of Digital Filmmaking, Script writing, Voice Modulation, Live Practical Exposure on different locations to our students. Mr. Anil Vohra and his team of experts shared their experience with the students about the different stages of digital filmmaking followed by the screening of films to understand the basic filmmaking elements and for better understanding of scene cuts and themes of films. Mr. Sanjay Gairola told students about the different acting skills required in the films. Students were excited to be a part of this certification course where they learnt about the fundamentals of Digital Filmmaking and live practical exposure to enhance their creativity and skills.

Throughout this certification course program students got the privileges to learn about the techniques related to this field. The esteemed guests & team of imagine films motivated and taught the attendees the way to write the film script, components & compositions of a film. The 6 days course was followed by the lessons about different camera angles, Chroma shoot & indoor practical sessions. Students also had an excursion tour to Kalsi, Dehradun for an outdoor shoot experience. The tour was organized to give the students an exposure to the challenges during outdoor film shooting. Review & feedback sessions were also conducted at the end of every 6 days to improvise and understand the problems and solutions of attendees.

The 6th Day valedictory session was organized by the Department of Journalism and Mass Communication. In the valedictory session all certificates were distributed to students by the Director, Imagine Films. Students were very much excited about the skills and live exposure they received from the Department of Journalism and Mass Communication, Tula's Institute.

The final day of the workshop began with a screening of student video projects in which they described what they had learned, the problems they experienced, and how they overcame them. All of the students were overjoyed because their hard work and dedication had paid off, and they were recognized for their efforts. The guests were then presented with mementos. Followed by Valedictory speech from Prof. (Dr.) R.C. Pathak (Head of the Department) where he motivated students to be positive and always work hard to achieve their goals. Students were excited to be a

part of this certification course where they can learn about the fundamentals of digital video production and editing to enhance their creativity and skills.

Outcomes: Students learned about the various techniques of Digital Filmmaking. They learned about Pre- Production (Script Writing), Production (Camera Handling / Framing / Shooting Film) & they also learned Post- Production (Editing Video Projects) in a short period of time. Students learned about new software as per the latest industry standard. Students achieved following skills from course:

1- Students learned about the various stages of production used in digital film making.
2- Students learned about the various acting techniques from the expert required for the different genres of film production.
3- Students learned about the various indoor and outdoor shooting techniques and how to edit them with the use of various editing software.

Director
Tula's Institute, Dehradun

Director
Tula's Institute, Dehradun

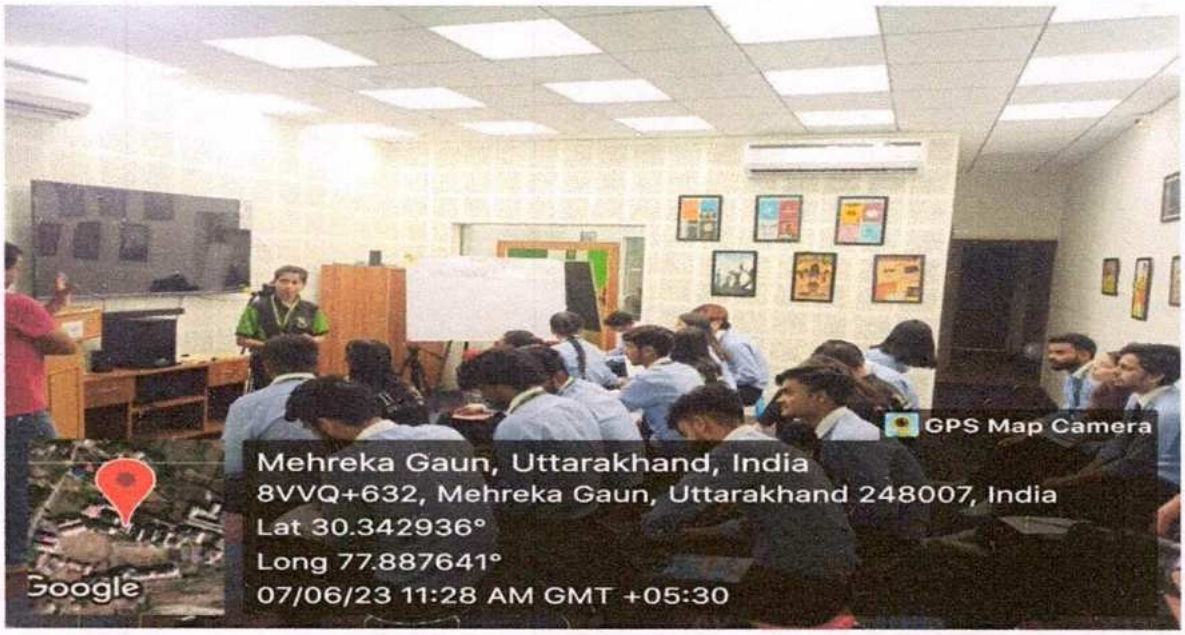
ADD-ON CERTIFICATE COURSE ON "DIGITAL FILM MAKING" PHOTOGRAPHS

Day 1 EMPC LAB PHOTOGRAPH (INAUGURAL SESSION)

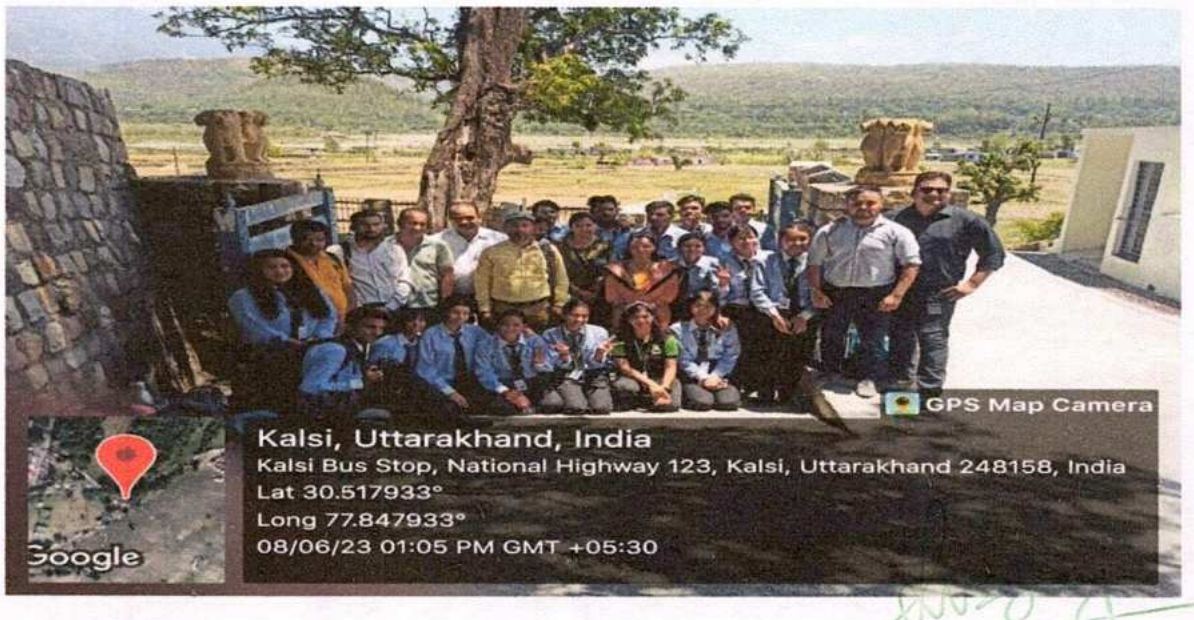
DAY 2 EMPC LAB PHOTOGRAPH (Live Session of script writing)

Director
Tula's Institute, Dehradun

DAY 3 EMPC LAB PHOTOGRAPH



DAY 3 EMPC LAB PHOTOGRAPH (Session of Pre Production)



DAY 4 Field Visit to Kalsi

Director
Tula's Institute, Dehradun

DAY 6 Group Photograph

Director
Tula's Institute, Dehradun

Annexure -XVIII

Short Term Course On Data Analysis On SPSS

Graduate School of Business

Event: Short Term course on Six Sigma.

Date: 05/06/2023- 09/06/2023

Organized by: Graduate School of Business

Objective: The objective of this course is to teach students the advance and easy usage of data analysis on SPSS software to make them Research oriented and future ready business and research professionals. Specific educational aims are to:

- Understand and critically apply the concepts and methods of SPSS.
- Identify, model and solve decision problems indifferent settings
- Interpret results/solutions and identify appropriate courses of action for a given managerial situation whether a problem or an opportunity
- To analyze the data to solve the decision making problems

Outcomes: Data Analysis on SPSS bring actionable insights for Research. The main outcomes of the course are:

1. Helps to analyze the data, trends, forecast, plan and arrive at conclusions
2. Helps in effective data management.
3. Create and edit graphical displays of data.
4. Conduct descriptive and basic inferential statistics.
5. Be familiar with SPSS presentation of statistical data

Summary:- Graduate School of Business of Tula's Institute organized Add On Certification Programme on SPSS for the students of MBA I and II year from 24.04.2023 to 28.04.2023. The event was carried out by Mr. Upananda Paniat Tula's Institute,Dehradun. Even t started with the introduction about SPSS and Statistics with deep understanding about data and software was imparted among the students.

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Graduate School of Business

During the tenure of the certification programme the students were imparted hands-on training on the software. The practical leaning was we llabsorbed by the students and the same was appreciated by them. Mr.Upananda Pani guided the students as how to analyze the data.

This programme was conducted with a motive to develop student's data analytical skill and their understanding about the software pertaining to data.

This programme helped the students to develop their knowledge and practical skills as how handle large data and also engraved the skills of betterment in the field of data and business analytics.

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Tula's Institute, Dehradun

Graduate School of Business

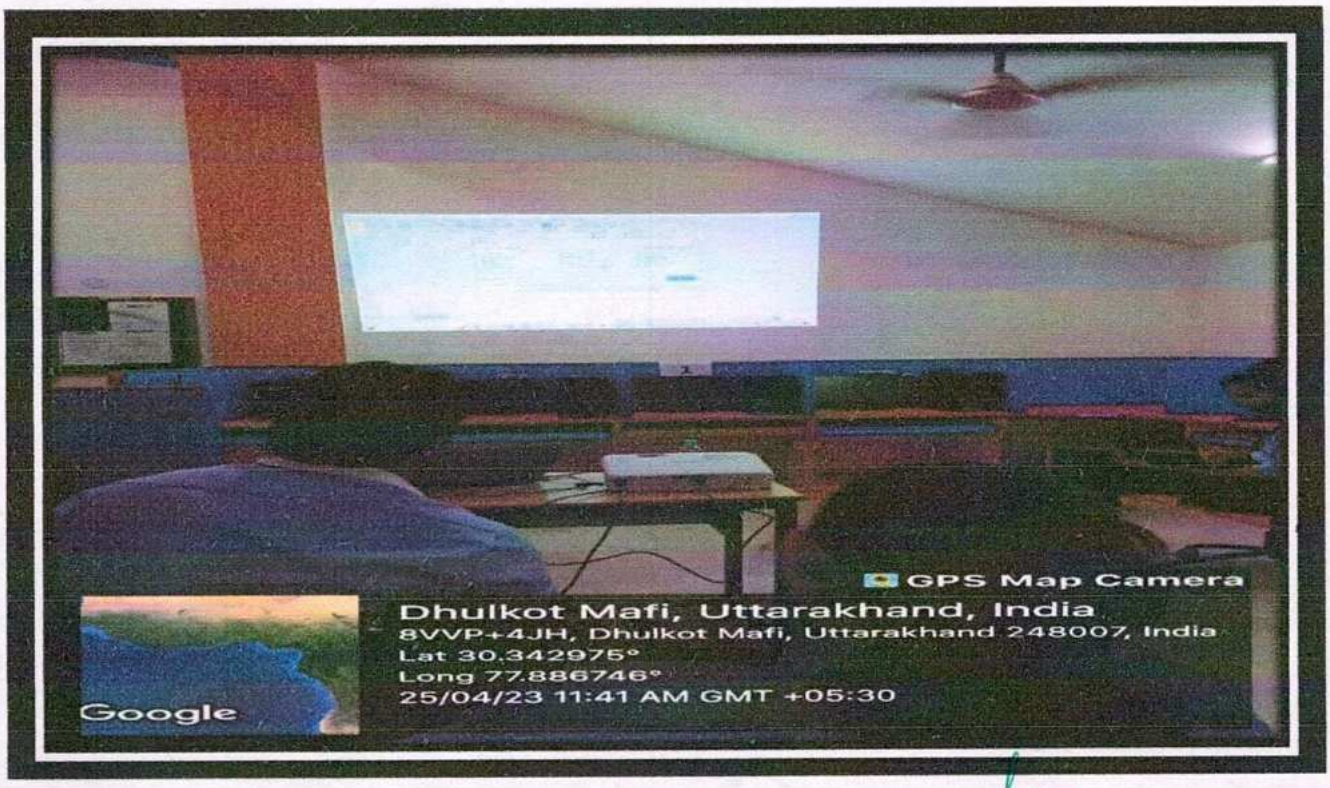
EVENT PHOTOGRAPHS

Day1– HOD felicitating the trainer

Director
Tula's Institute, Dehradun

Graduate School of Business

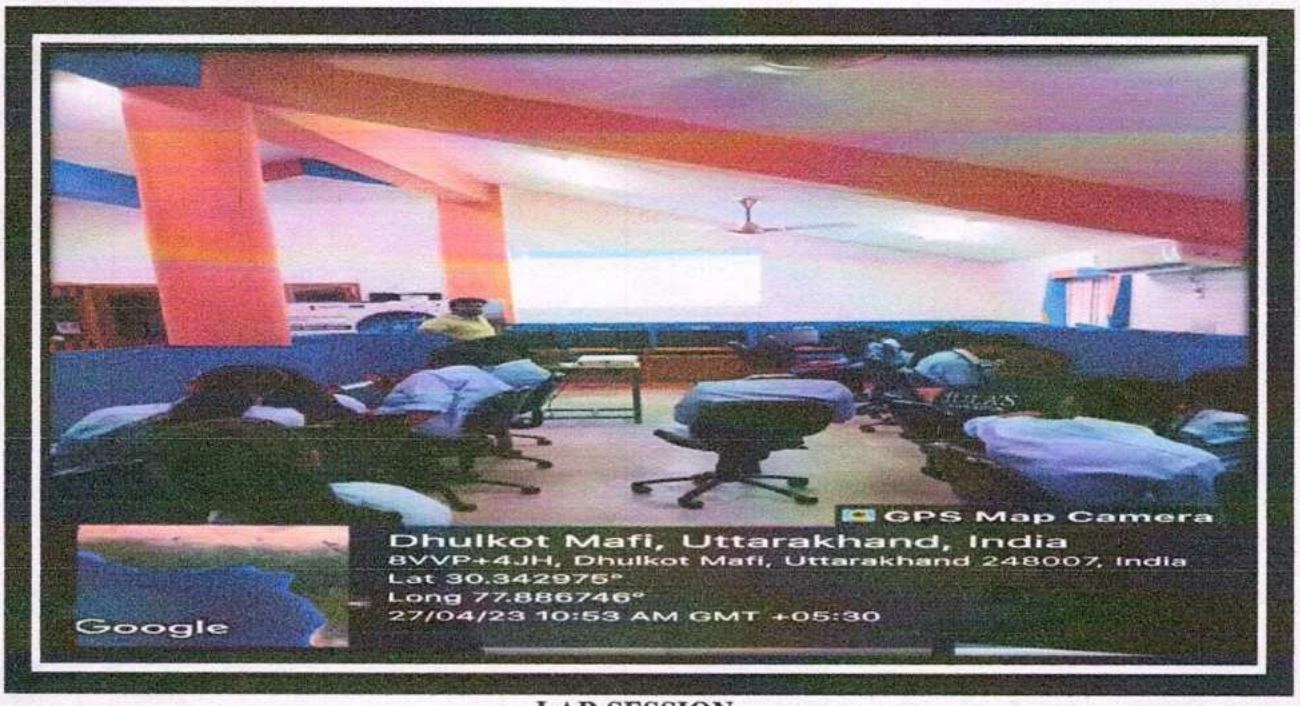
LAB SESSION



LAB SESSION

Director
Tula's Institute, Dehradun

Graduate School of Business



LAB SESSION

GROUP PHOTOGRAPHS

Director
Tula's Institute, Dehradun

Date of Issue : 1 May 2023
Certificate No.: BSPL03090412

Certificate of

Participation

BRILLICA SERVICES

This Certificate accredits that

Babita Negi

has successfully completed ***30 Hours*** *Training*

on ***Data Analysis using SPSS***

From 24th May - 28th May 2023

Director
Tata's Institute, Dehradun

BRILLICA SERVICES PVT. LTD. DIRECTOR DEHRADUN

Our Industry Associations

intel PARTNER ALLIANCE

IBM Registered Business Partner

Microsoft AEP Authorized Education Partner

Graduate School of Business

Event: Short Term course on Data/Business Analytics.

Date: 30th January to 4th February 2023

Organized by: Graduate School of Business

Objective: The objective of this course is to teach students the advance and easy usage of data and business analytics software to make them industry oriented and future ready business professionals and managers.

Specific educational aims are to:

- Understand and critically apply the concepts and methods of business analytics
- Identify, model and solve decision problems in different settings
- Interpret results/solutions and identify appropriate courses of action for a given managerial situation whether a problem or an opportunity
- Create viable solutions to decision making problems

Outcomes: Data/ Business Analytics bring actionable insights for businesses. The main outcomes of the courseare:

1. Improve operational efficiency through their daily activities.
2. Assist businesses to understand their customers more precisely.
3. Business uses data visualization to offer projections for future outcomes.
4. These insights help in decision making and planning for the future.
5. Business analytics measures performance and drives growth.
6. Discover hidden trends, generate leads, and scale business in the right direction.

Learning outcomes for the students:

On successful completion of this program, students will be able to:

- Identify and describe complex business problems in terms of analytical models.
- Apply appropriate analytical methods to find solutions to business problems that achieve stated objectives.

Director
Tula's Institute, Dehradun

Graduate School of Business

- Translate results of business analytic projects into effective courses of action.
- Demonstrate ethical decision-making in structured or unstructured and ambiguoussituations.
- Communicate technical information to both technical and non-technical audiences inspeech, in writing, and graphically.
- Exhibit effective collaboration and leadership skills.

Summary: Graduate School of Business of Tula's Institute organized Add On Certification Programme on Data/Business Analytics for the students of BBA, B.Com. (H) 2nd Year and 3rd Year from 30.01.2023 to 04.02.2023. The event was carried out by Mr. Rahul Gupta and Mr. Amit Jaiswal at Tula's Institute, Dehradun. Event started with the introduction about Data and Business Analytics and deep understanding about data and business analytics was imparted among the students.

During the tenure of the certification programmne the students were imparted hands on training on the software such as Microsoft Tabeleu and Microsoft Power BI. The practical leaning was well absorbed by the students and the same was appreciated by them. **Mr. Rahul Gupta and Mr. Amit Jaiswal** guided the students as how to analyse the data.

This programme was conducted with a motive to develop student's data analytical skill and their understanding about the softwares pertaining to data and business analytics. Not only limited to this, the practical utility of Power BI and Microsoft Tableu and live chart analysis and awareness About handling large amount of data was inculcated among them.

This programme helped the students to develop their knowledge and practical skills as how handle large data and also engraved the skills of betterment in the field of data and business analytics.

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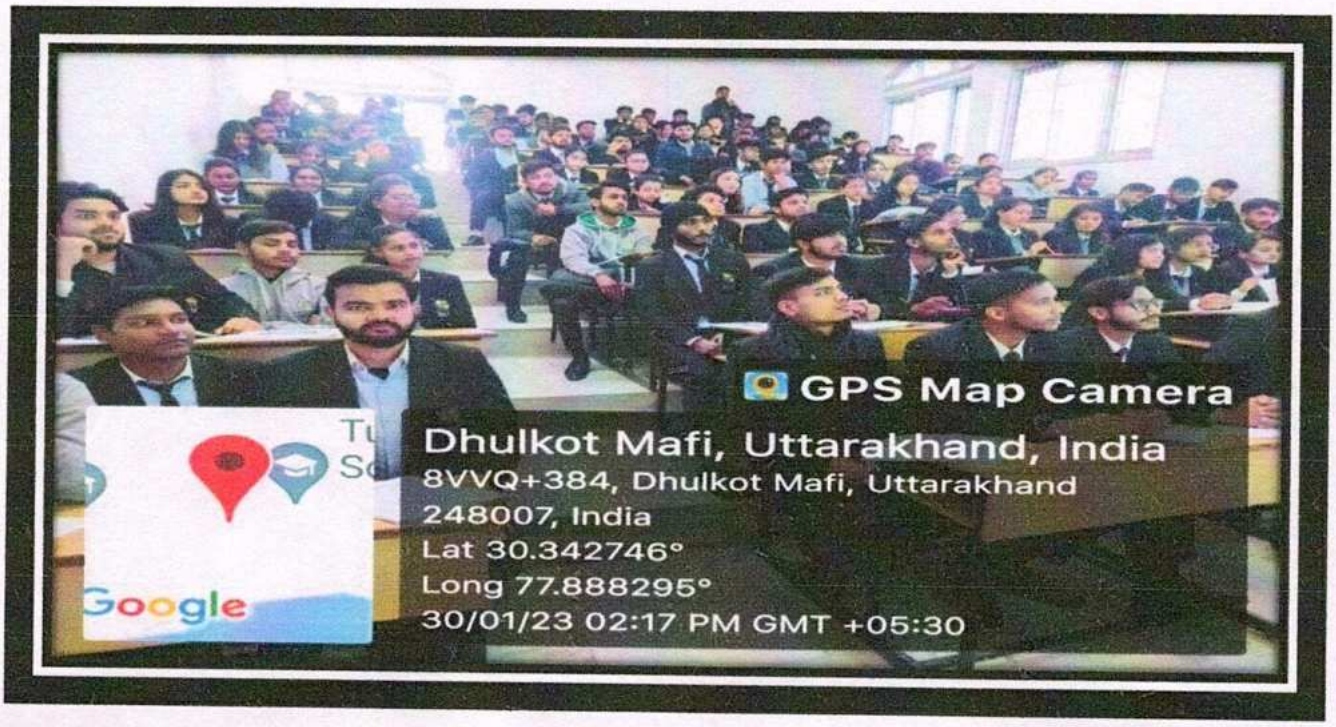
Graduate School of Business
EVENT PHOTOGRAPHS



THEORY SESSION

STUDENTS ACTIVELY PARTICIPATING IN THE EVENT

Director
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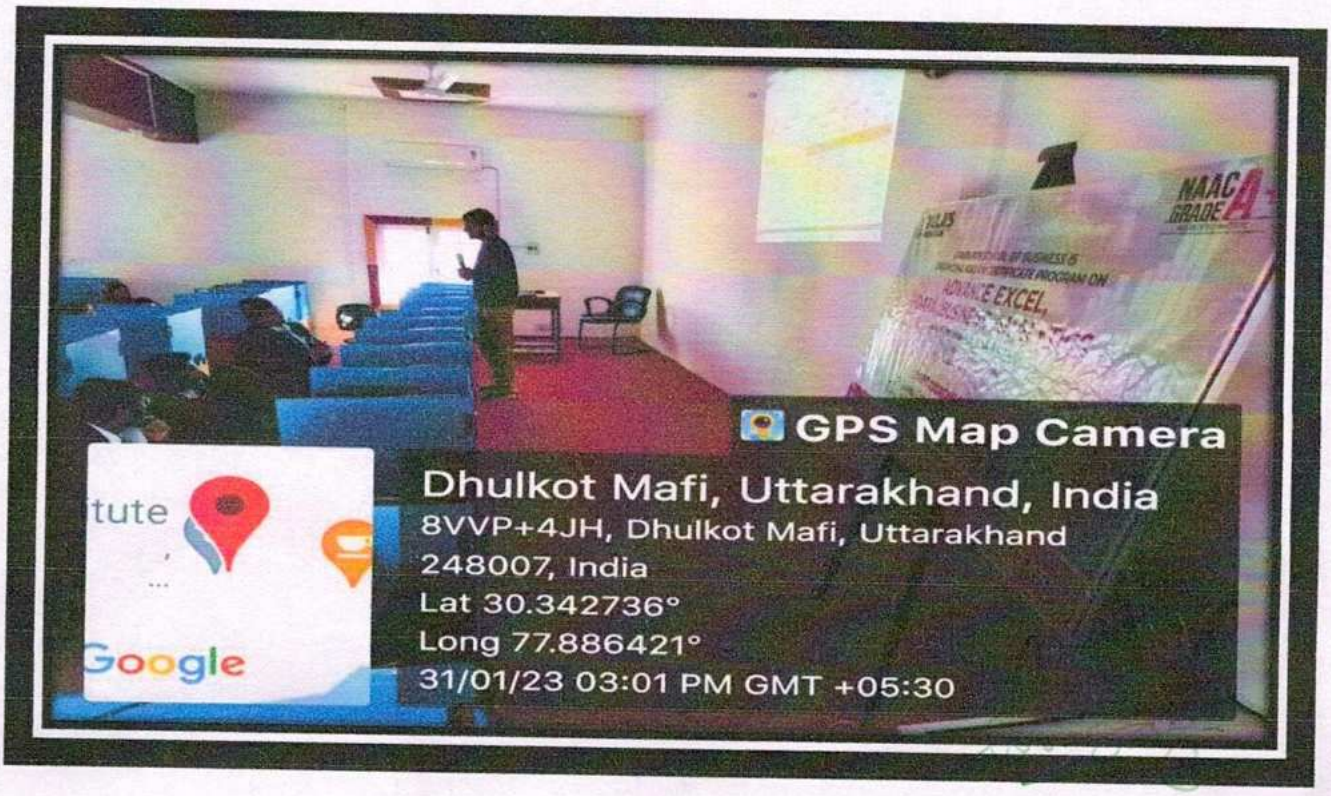
Graduate School of Business

STUDENTS TRYING HANDS ON EXPERIENCE ON MICROSOFT EXCEL



DAY 2- TRAINER EXPLAINING THE CONCEPTS OF EXCEL

Director
Tula's Institute, Dehradun

Graduate School of Business

Students gaining practical knowledge of advance MS Excel.

Day 3: Practical Application of Microsoft Tableu

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Tula's Institute, Dehradun

Graduate School of Business

GROUP PHOTOGRAHS

Director
Tula's Institute, Dehradun

Annexure -XX

Short Term Course On Advanced Excel

Graduate School Of Business

Event: "6 days Add on Certification on Advanced Excel" for the students of BBA, B.Com.(H) 1st Year.
Date: 30.01.2023 to 04.02.2023
Organized by: Graduate School of Business

OBJECTIVE

The objective of this course is to teach students the advance and easy usage of Advanced Excel and various uses to make them industry oriented and future ready business professionals and managers.

Specific educational aims are to:

- Understand and critically apply the concepts and methods of Advanced Excel.
- Indentify and uses of functions in excel during working professional environment.
- Interpret results /solutions and identify appropriate courses of action for a given managerial situation whether a problem or an opportunity.
- Create viable solutions to decision making problems using Advanced Excel.

OUTCOMES OF THE COURSE

Advanced Excel brings actionable insights for businesses. The main outcomes of the course are:

1. Improve operational efficiency through Advanced Excel with their daily activities.
2. Assist businesses by Advanced Excel to understand different data management more accurately.
3. Business uses data visualization with Advanced Excel to offer projections for future outcomes.
4. These insights help in various performances in business environment for the future.
5. How Advanced Excel could give best results in business performance drives to high growth.
6. Discover hidden knowledge, generate expertise and scale business with Advance Excel in the right direction.

LEARNING OUTCOMES FOR THE STUDENTS

On successful completion of this program, students will be able to:

- Identify and describe Advanced Excel functions with complex business activities in terms of business environment.
- Apply different functions and formulas used in Advanced Excel to best outcomes in working environment.
- Translate results of Advanced Excel into effective courses of action.
- Demonstrate uses of Advance Excel during decision-making in different situations.

Director
Tula's Institute

Graduate School Of Business

- Different graphical presentation used in business environment by Advanced excel.
- Exhibit effective collaboration and leadership skills with Advance Excel.

Summary Report:-

Graduate School of Business of Tula's Institute organized Add on Certification Programme on Advanced Excel for the students of BBA, B.Com.(H) 1st Year from 30.01.2023 to 04.02.2023. The event was carried out by Mr. Amit Jaiswal & Mr.Ashish Tyagi at Tula's Institute, Dehradun. Event started with the introduction about Advanced Excel and deep understanding about graphical presentation was imparted among the students.

During the tenure of the certificate programme the students were imparted hands on training on Advanced Excel such as different formulas, functions and multiple uses of Advanced Excel. The practical learning was well obsorbed by the students and the same was appreciated by them. Mr. Amit Jaiswal & Mr.Ashish Tyagi guided the students as how to be perfect on Advanced Excel. This Programme was conducted with a motive to develop student's Advanced Excel skill and their understanding about the Excel pertaining to handling functions and formulas. Not only limited to this, the practical utility of Excel functions, graphs and charts in business environment,.

This programme helped the students to develop their knowledge and practical skills as how handle large data with MS Excel and also engraved the skills of betterment in the field of Advanced Excel.

DAY 1 LAB 5

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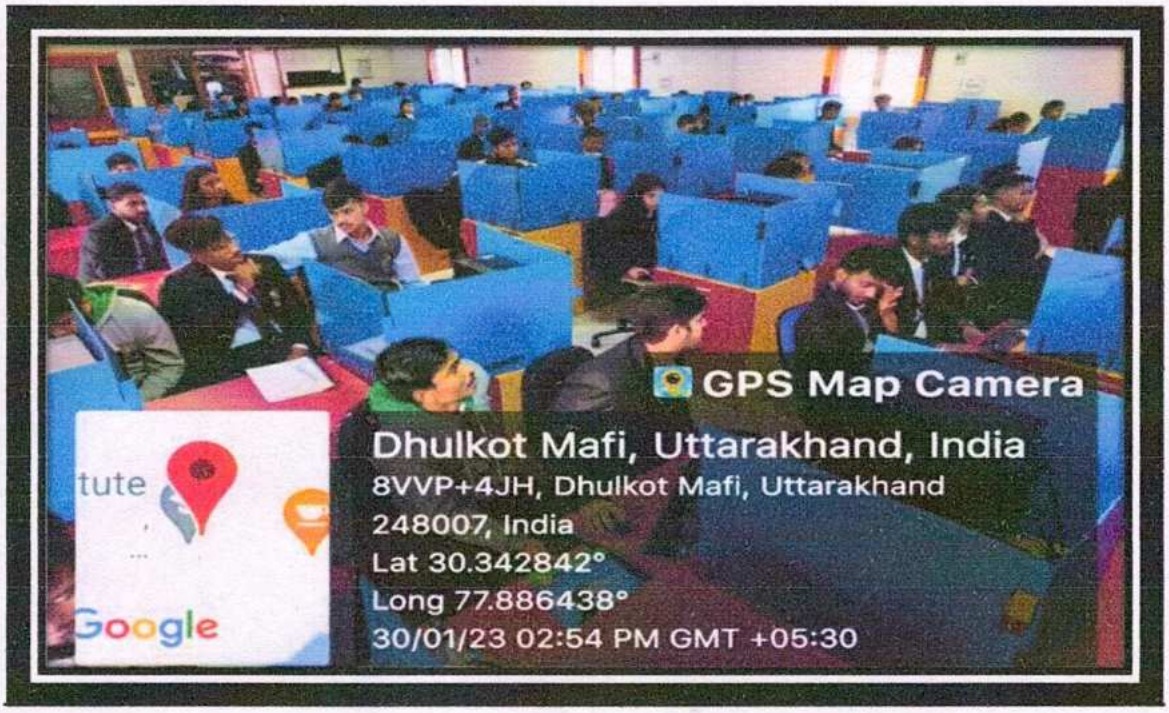
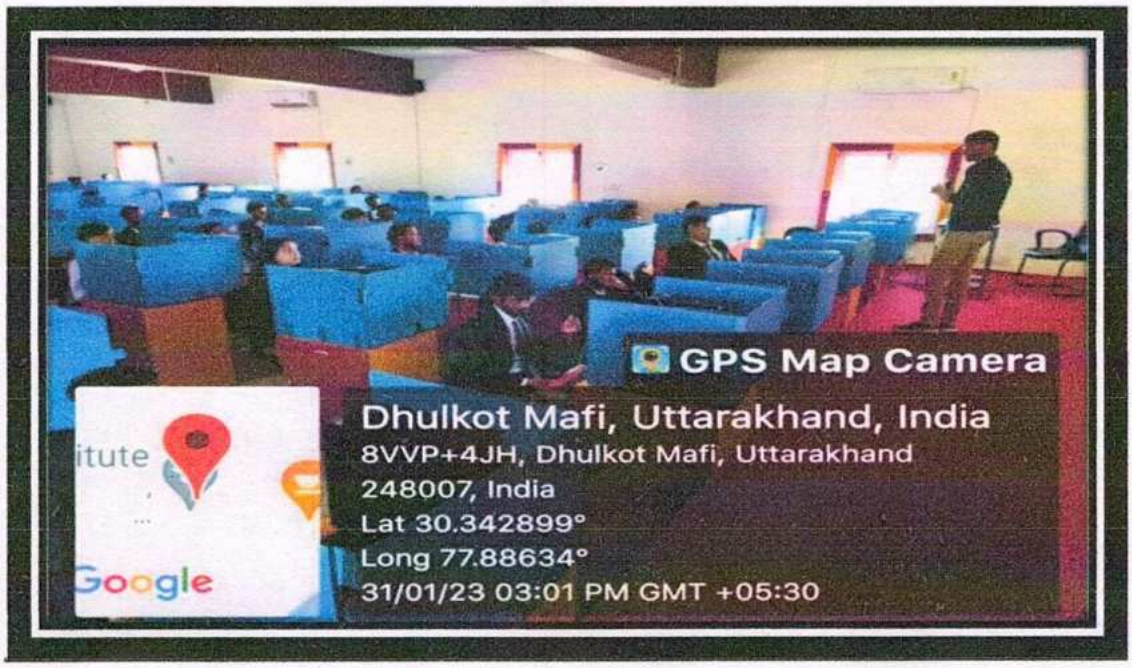
Tula's Institute, Dehradun

Graduate School Of Business



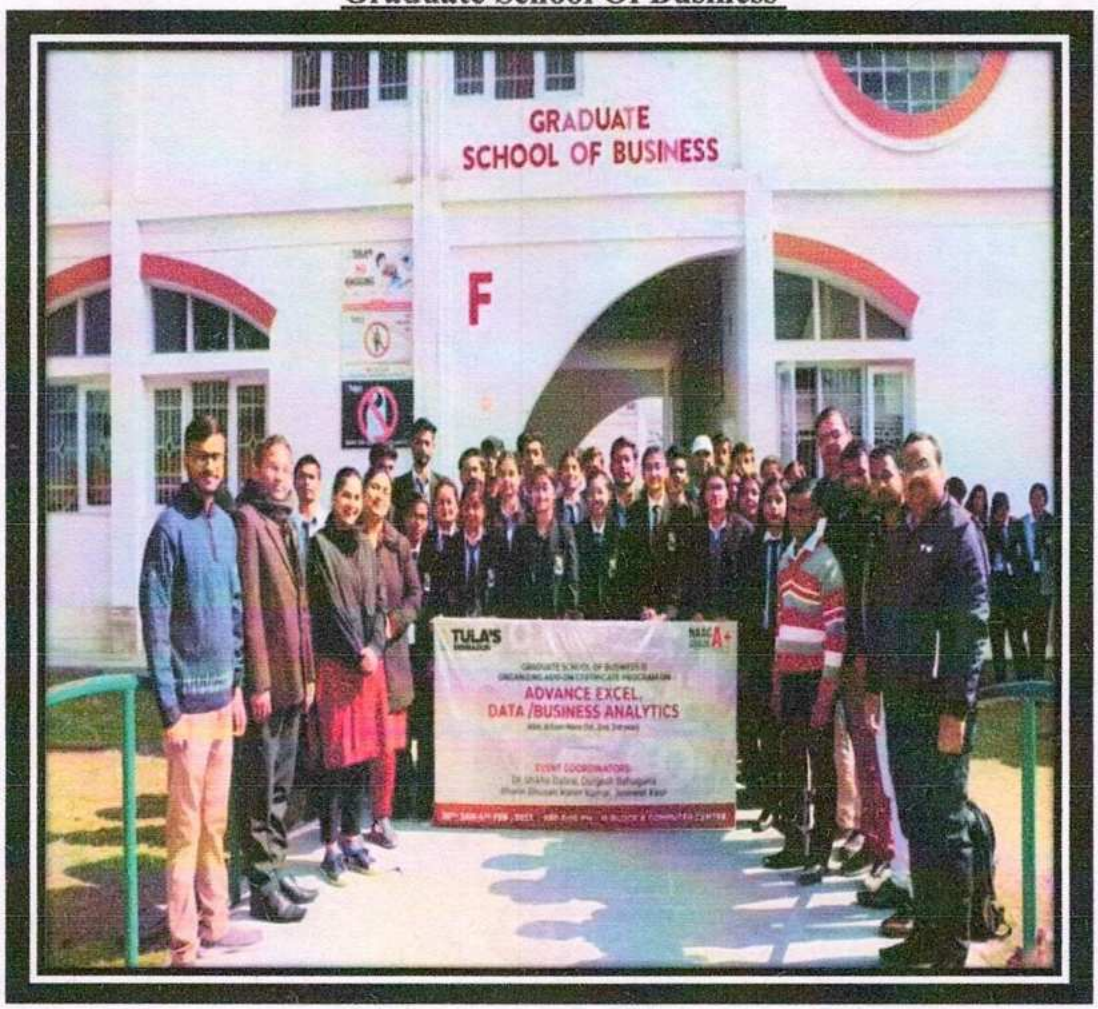
DAY 1 LAB 5



DAY 2 LAB 5

Director
Tula's Institute, Dehradun

Graduate School Of Business



GROUP PHOTOGRAPH

rcpl

CENTRE OF EXCELLENCE

CERTIFICATE

Inspire to Aspire

This is to certify that

Mr. / Ms. **VIKRAM RANA**

of

TULAS INSTITUTE, DEHRADUN

has successfully completed a 1 Week Add on Certificate on

Advance Excel

from 30th Jan 2023 to 4th Feb 2023

On behalf of RCPL INDIA

Director

Director
Tula's Institute, Dehradun

Certification ID : RCPL-2023/3608

Date: 6th Mar 2023

Microsoft CERTIFIED Program

Hewlett Packard Enterprise

NASSCOM

EC-Council Accredited Training Center

ORACLE Workforce Development Partner

ICT ACADEMY IIT KANPUR

Annexure -XXII

Short Term Course on Six Sigma

Graduate School of Business

Event: Short Term course on Six Sigma.

Date: 05/06/2023- 09/06/2023

Organized by: Graduate School of Business

Objective: The prerogative of this certification was to educate students on the importance and application of "Six Sigma". In the fast pace business world which is highly competitive "Six Sigma" is inevitable and indispensable. In the first session students were introduced to the introductory module of "Six Sigma" and were gradually up-killed on further details. The preliminary sessions were primarily theoretical and students were enlightened on the basics of "Six Sigma", The primary objective of learning Six Sigma is to develop the knowledge and skills necessary to improve organizational processes and reduce defects or errors in order to achieve higher levels of efficiency, quality, and customer satisfaction. Six Sigma is a disciplined approach to process improvement that focuses on identifying and eliminating variations and defects by applying statistical methods and tools. Six Sigma provides a systematic framework and methodologies to analyze processes, identify areas of improvement, and implement changes that lead to enhanced process performance.

Summary: Lean Six Sigma statistical methodology is used to improve the ongoing process, by implementing small changes that remove the defects from the production or service to improve the overall quality and speed. The overall result of the Lean Six Sigma method brings about a change to the overall quality of performance and success of the company. For the students of Commerce and Management who are on the verge of Industry exposure this is an absolute must. The first few sessions were completely introductory and it discussed six sigma, lean technology and lean six sigma. Lean Six Sigma is a new control management system and is a combination of already known six sigma method and lean manufacturing. In the later sessions six sigma technologies "DMAIC" and "DMADV" were talk through. Concluding sessions discussed about various statistical methods like mean, median mode, range and standard deviation. Students were given hands on software like "Minitab" and practical exposure was given through virtual work sheets of various projects undertaken by the expert. Six Sigma equips you with the necessary knowledge, tools, and methodologies to drive process improvements and achieve operational excellence within an organization. It can open up career opportunities in various industries where quality management and process optimization are valued. Six Sigma heavily relies on statistical analysis to measure process performance, identify trends, and make data-driven decisions. You will learn statistical methods and tools like control charts, hypothesis testing, regression analysis, and design of experiments. The core focus of Six Sigma is process improvement. You will learn how to analyze existing processes, identify inefficiencies, and implement improvements to enhance quality and productivity. This may involve streamlining workflows, reducing defects, optimizing resources, and implementing control mechanisms. Six Sigma projects often involve cross-functional teams, and you will learn how to effectively lead and facilitate teams to achieve project objectives. You will develop skills in communication, collaboration, and conflict resolution to ensure successful

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implementation of process improvements. The 5 days certification program was indeed holistic and informative and will definitely give professional edge to students.

Outcomes:

1. Knowledge of Six Sigma methodology: You will gain a solid understanding of the fundamental principles, concepts, and methodologies of Six Sigma. This includes learning about the DMAIC (Define, Measure, Analyze, Improve, Control) approach, which is the core framework of Six Sigma.
2. Familiarity with Six Sigma tools and techniques: The workshop will introduce you to a range of tools and techniques used in Six Sigma projects. These may include process mapping, data collection and analysis, root cause analysis, statistical process control (SPC), hypothesis testing, design of experiments (DOE), and more. You will learn how to apply these tools effectively to solve complex process problems.
3. Problem-solving and data-driven decision-making skills: Six Sigma emphasizes data-driven decision-making to solve problems and improve processes. Through the workshop, you will develop skills in gathering, analyzing, and interpreting data to identify trends, patterns, and root causes of process issues. This will enable you to make informed decisions based on objective evidence.
4. Project management skills: Six Sigma projects typically follow a structured project management approach. The workshop will provide insights into project management techniques specific to Six Sigma, such as project scoping, defining project goals and metrics, managing project timelines, and coordinating cross-functional teams. You will learn how to effectively plan, execute, and monitor Six Sigma projects.
5. Collaboration and teamwork: Six Sigma projects often involve working in cross-functional teams. The workshop will provide opportunities to collaborate with fellow participants, fostering teamwork and communication skills. You will learn how to leverage the diverse skills and perspectives of team members to drive successful project outcomes.
6. Practical application experience: Workshops often include hands-on exercises, case studies, and simulations that allow you to apply Six Sigma concepts and tools in real-world scenarios. This practical experience will help solidify your understanding of Six Sigma and build confidence in applying the methodology to your own work environment.
7. Networking opportunities: Workshops bring together professionals from various industries and backgrounds. You will have the chance to connect and network with like-minded individuals who share an interest in process improvement and quality management. These connections can be valuable for exchanging ideas, best practices, and future collaboration.

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Tula's Institute, Dehradun

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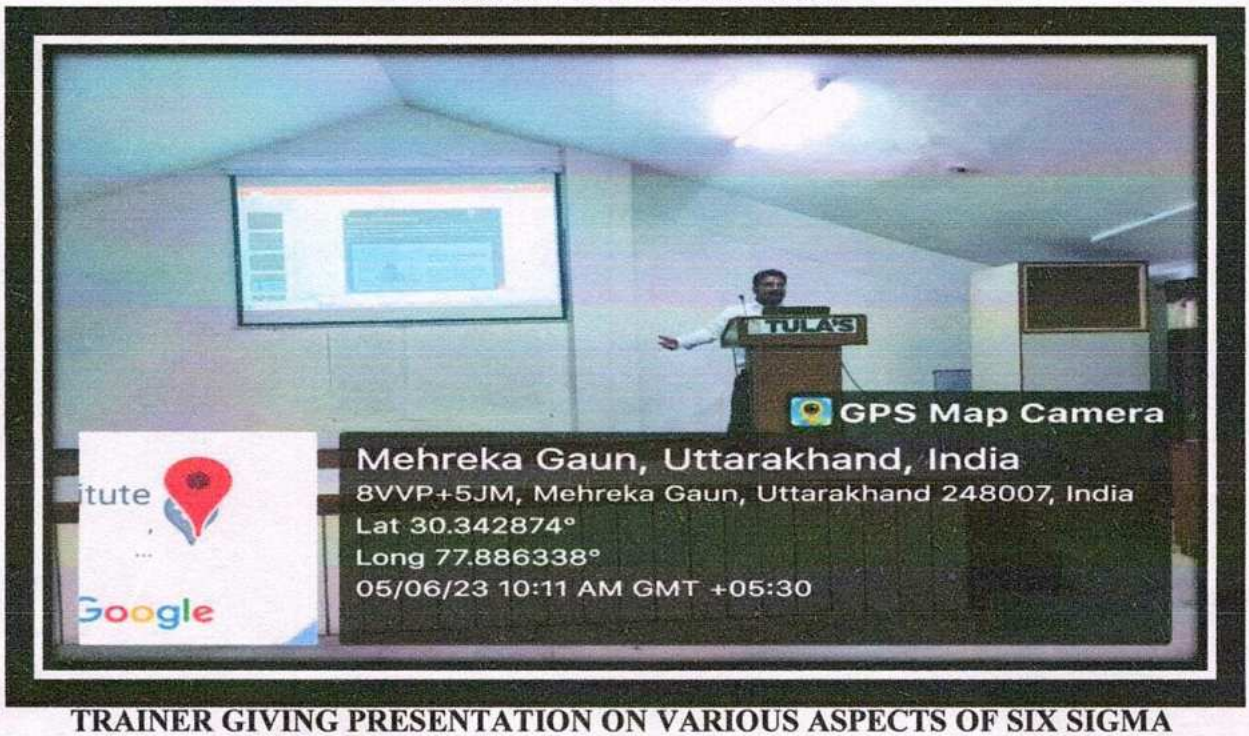
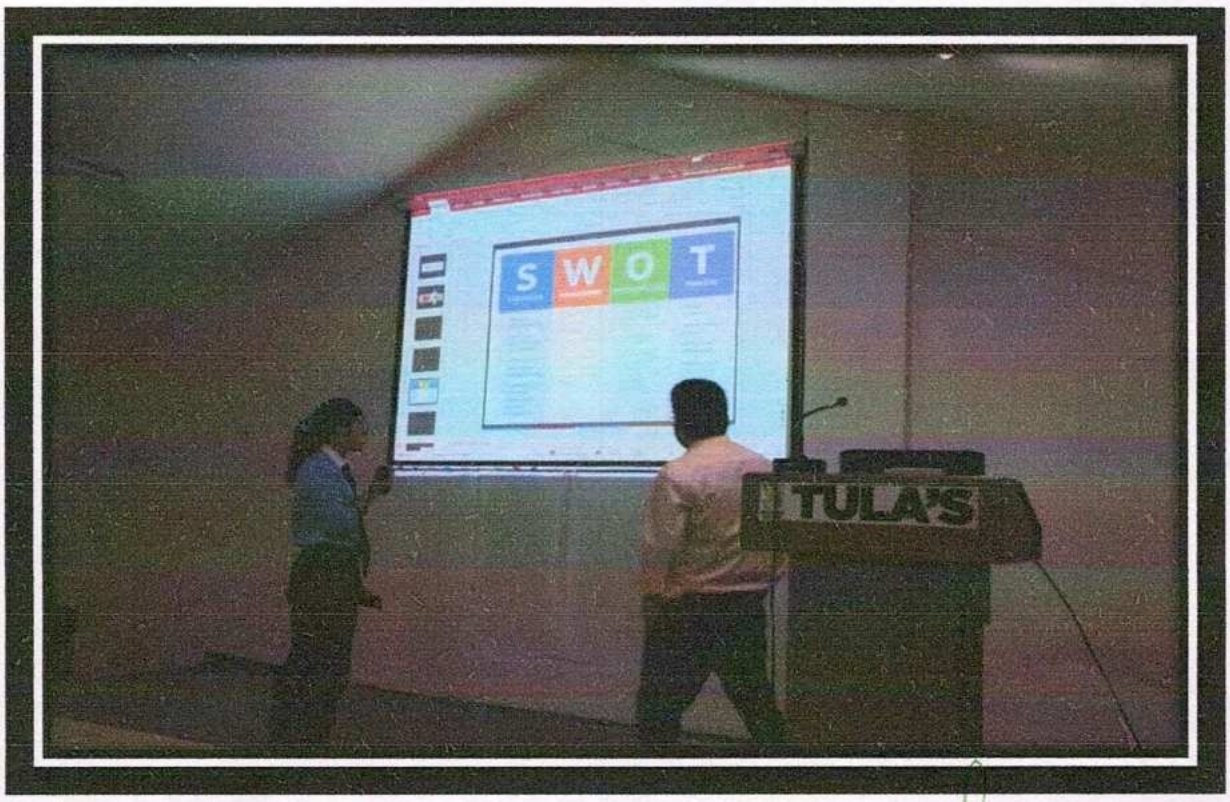


TRAINER GIVING PRESENTATION ON VARIOUS ASPECTS OF SIX SIGMA



STUDENTS ARE GIVEN PLATFORM TO EXPRESS THEIR VIEWS ON VARIOUS ASPECTS

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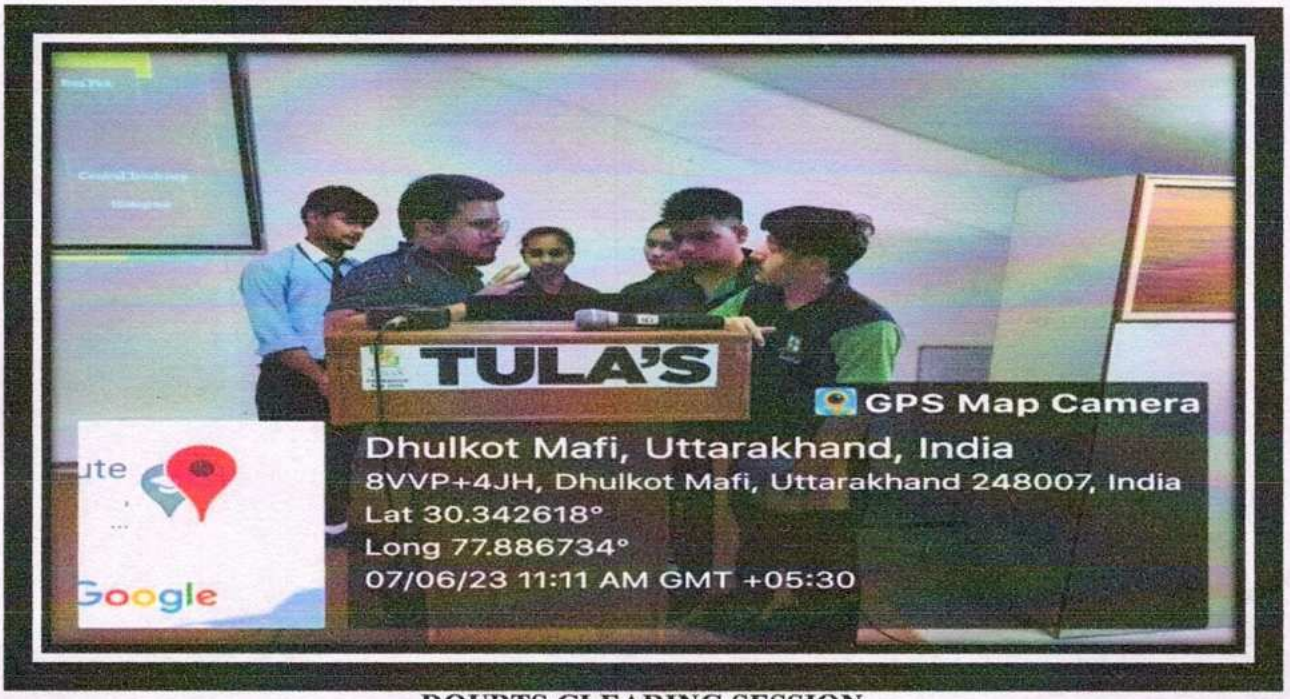
Graduate School of Business



DOUBTS CLEARING SESSION

GROUP PHOTOGRAPH

Director
Tula's Institute, Dehradun

Date of Issue : 27 June 2023
Certificate No. : BSPL03090604

BRILLICA
SERVICES

Certificate of Completion

This Certificate accredits that

Abhinav Rawat

has successfully completed certificate course on

Six Sigma

Duration : 30 hours

Our Industry Association

intel partner alliance

Microsoft
Authorized Education Partner

BRILLICA SERVICES PVT. LTD. DIRECTOR DELHI

Director
Tula's Institute, Dehradun

Annexure -XXII

Short Term Course on Microsoft Power Bi With Tableau

Graduate School of Business

Event: "6 days Add on Certification on Microsoft Power BI with Tableau" for B.B.A. & B.Com Students.

Date: 05/06/2023 - 10/06/2023

Organized by: Graduate School of Business

Objective: The main objective of Short term course is

- To gain insight about most accepted and top tools used globally by organizations for business intelligence Microsoft Power BI and Tableau.
- To familiarize the students about the deep understanding on the key functions of Power BI and Tableau, and acquire the skills necessary to effectively use these powerful business intelligence tools for data visualization, analysis, and reporting.

Summary: The Short term course was organized by Graduate School of Business in collaboration with Brillica Services,Patel Nagar, Dehradun. All BBA & B.Com I Year students participated in this workshop. Trainer started the session with the basic fundamentals of the Power BI with Tableau with practical hands on training. Trainer given a brief on subject matter on the course, students had the opportunity to work on real-world case studies and projects to apply their knowledge and skills in practical scenarios. They acquired proficiency in data visualization techniques, data manipulation, and storytelling with data using Power BI and Tableau.

Outcomes:

- Students gained preliminary knowledge about Business intelligence and its concept and logic.
- They explored the fundamentals of Microsoft Power BI and Tableau and its importance in the field of data handling.
- They were informed about these two technologies and learnt how they assist in drafting intelligent dashboards, learnt about error handling and rich reports.
- During the session they made various graphs using the data provided by the trainer and had a fair idea about the working of this technology
- They made few charts and graphs with the help of data provided by the trainer and under his constant support and supervision.
- They learnt how data is intelligently used to carve out effective reports in the business world.

Director
Tula's Institute, Dehradun

Graduate School of Business

Facilitation Of External Trainer

Director
Tula's Institute, Dehradun

Coordinators for Program

Graduate School of Business

Closing Session of 6 days
Add on Certification on Microsoft Power BI with Tableau"
for B.B.A. & B.Com Students.

Director
Tula's Institute, Dehradun

Date of Issue : 27 June 2023
Certificate No. : BSPL030906244

BRILLICA
SERVICES

Certificate of Completion

This Certificate accredits that

Anurag Kumar

has successfully completed certificate course on

Data Analysis using PowerBI & Tableau

Duration : 30 hours

Director
Tula's Institute, Dehradun

BRILLICA SERVICES PVT. LTD.
DIRECTOR
DELHI

Our Industry Association

intel. partner alliance

Microsoft
Authorized Education Partner

Index

Add-On Cources for Academic Year 2021-22

S. No.	Particulars	Annexure No.
1.	Short Term Course on "Advance Excel"	Annexure - I
2.	Short Term Course on "Auto-Cad"	Annexure - II
3.	Short Term Course on "Deep Neural Networks"	Annexure - III
4.	Short Term Course on "Industrial Robotics Design and Implementation""	Annexure - IV
5.	Short Term Course on "Internet of things"	Annexure - V
6.	15 Days Online Training Programme On Advances In Agripreneurship And Skill Development Reshaping Future Of Indian Agriculture.	Annexure -VI
7.	IIT BOMBAY SPOKEN TUTORIAL short term Course on Latex	Annexure - VII
8.	Short Term Course On "TALLY & STOCK MARKETS"	Annexure - VIII
9.	Short Term Course On "Fabrication of Voice -Controlled Robot"	Annexure - IX
10.	Short Term Course On "Introduction to Data Science and Analytics"	Annexure - X
11.	Short Term Course On "Still Photography"	Annexure - XI

Director
Tula's Institute, Dehradun

Dhoolkot, P.O. Selaqui, Chakrata Road
Dehradun - 248011 (U.K India)
www.tulas.edu.in
0135-2699300
0135-2699309

Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year :2021-22

S.No.	Name of Add on /Certificate programs offered	Year of offering	Number of students enrolled in the year	Number of Students completing the course in the year
1.	Short Term Course on Advance Excel	2021-2022	266	266
2.	Short Term Course on Tally & Stock Markets	2021-2022	62	62
3.	Short Term Course on IOT	2021-2022	55	55
4.	Short term Course on Industrial Design & Development	2021-2022	14	14
5.	Short Term Course on Sustainablity, Smart farming & Agri Inovation	2021-2022	250	250
6.	Short Term Course on Deep Neural Network	2021-2022	140	140
7.	Short Term Course on Auto-Cad	2021-2022	131	131
8.	Spoken IIT BOMBAY LaTex	2021-2022	93	93
9.	Fabrication of Voice Controlled Robot	2021-2022	414	414
10.	Introduction to Data Science and Analytics	2021-2022	32	32
11.	Still Photography	2021-2022	18	18

Director
Tula's Institute, Dehradun

Annexure - I

Short Term Course on "Advance Excel"

Director
Tula's Institute, Dehradun

Tula's Institute
Graduate School of Business

Event:"5 days short term course on ADVANCE EXCEL" for BBA Students.

Date:06/June/2022 to 10/June/2022

Organized by: Graduate School of Business

Objective: The main objective of Short term course is

- To gain insight about the Microsoft excel.
- To familiarize the students about the deep understanding of the advanced Excel formulas and functions that transform Excel from a basic spreadsheet program into a dynamic and powerful analytics tool.

Summary: The Short term course was organized by Graduate School of Business in collaboration with IIT Kanpur. All BBA student's participated in this workshop. Trainer started the session with the basic fundamentals of the excel with practical hands on training. He told how to think like Excel, and write powerful and dynamic Excel formulas from scratch.How to write advanced conditional, text, date and lookup functions in spreadsheet. He discussed that at a time when digital skills jobs are growing much faster than non-digital jobs, this course will help students to position them ahead of others.

Outcomes:

- To have an exposure of Spreadsheet and to get knowledge about the various formulas and shortcut keys used for better understanding of excel.
- Student learns about the advance formulas for speedy data analysis.
- To Learn About the Conditional formatting, lookup and many other tools used in excel
- Students learns to Create Smart Solution for your daily work.

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DEHRADUN
Estd. 2006

Tula's Institute
Graduate School of Business

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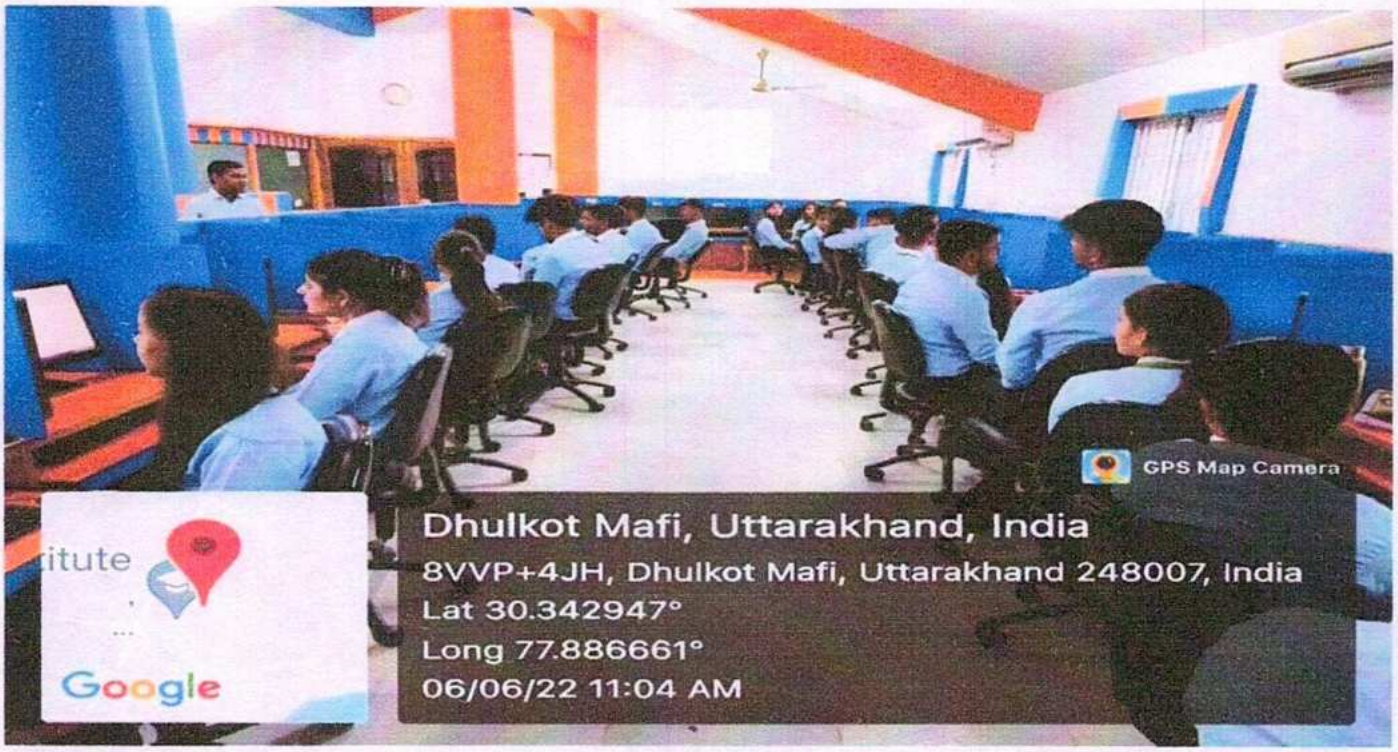
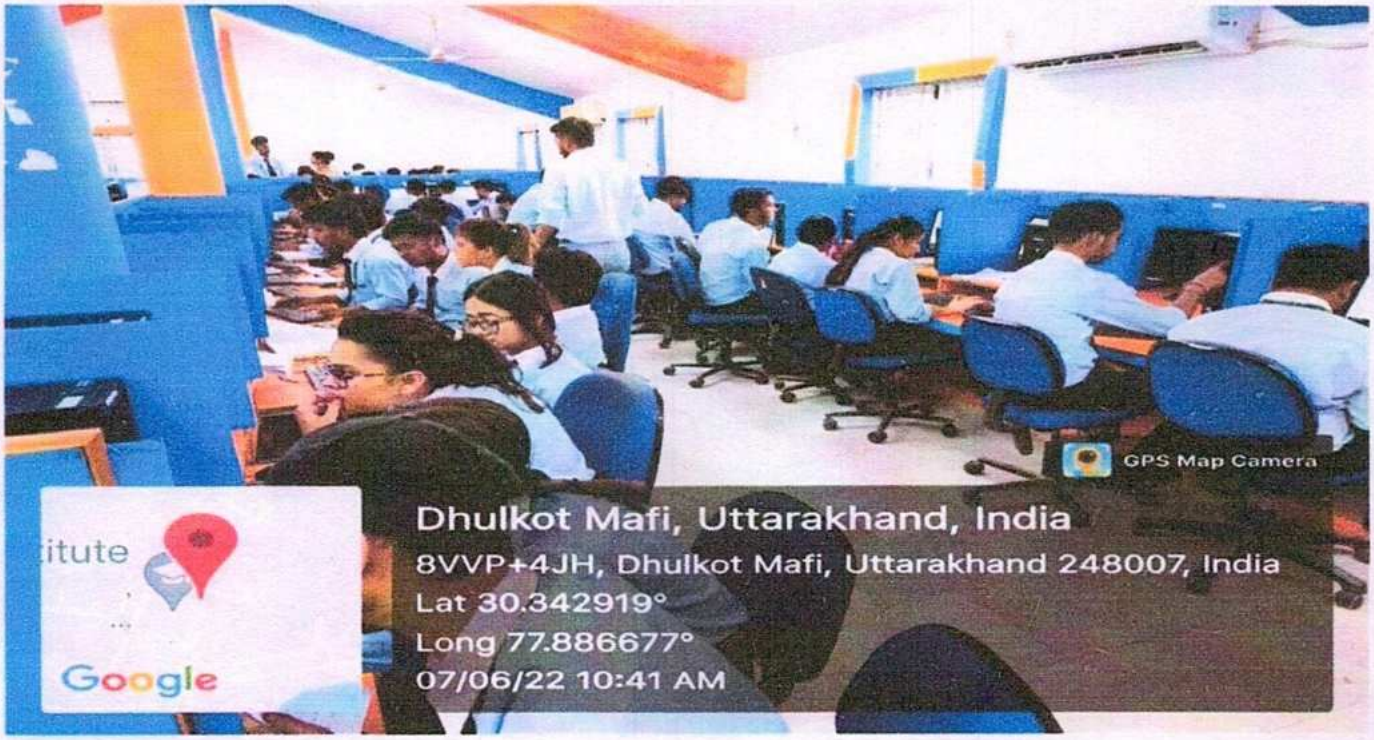
SHORT TERM COURSE ON ADVANCE EXCEL PHOTOGRAPHS



Advance Excel Lab Photographs



Advance Excel Lab Photographs

Director
Tula's Institute, Dehradun

Tula's Institute
Graduate School of Business

Advance Excel Lab Photographs

Advance Excel Lab Photographs

Director
Tula's Institute, Dehradun

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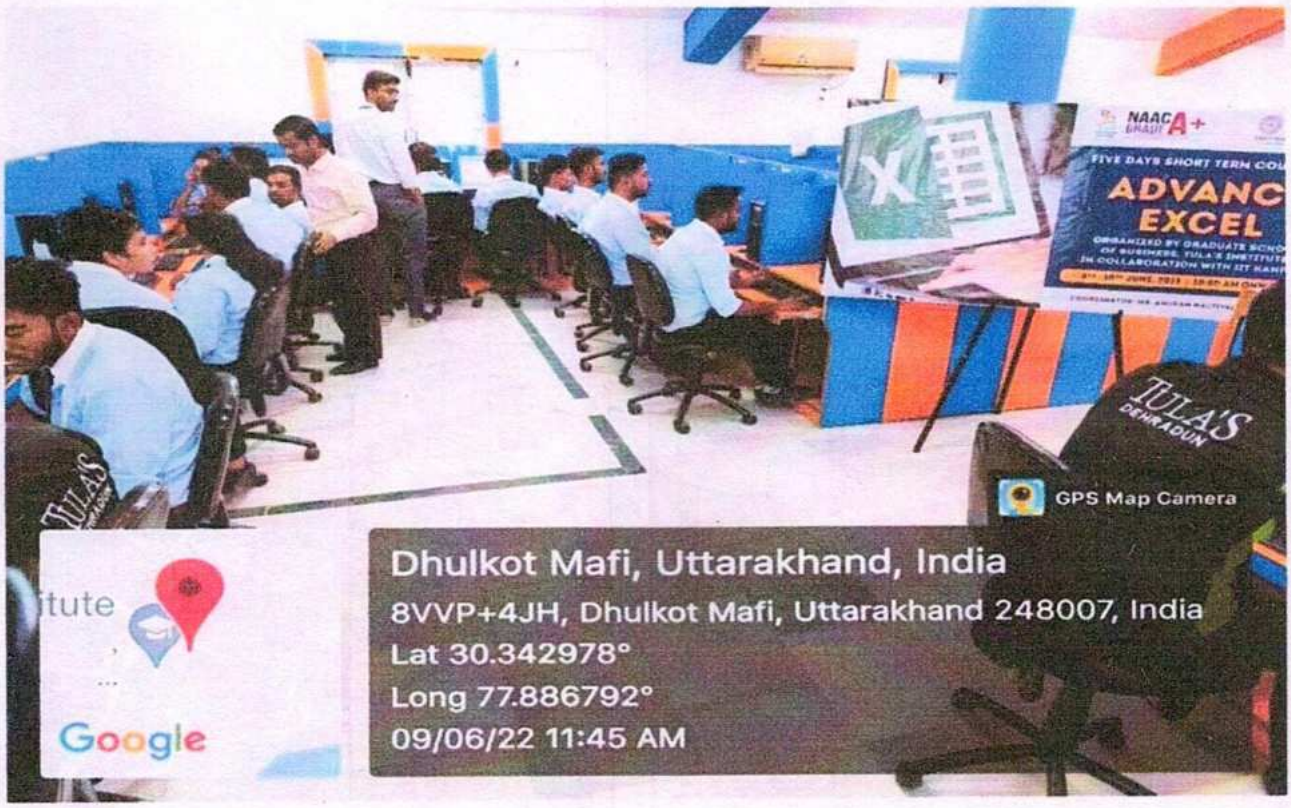
Graduate School of Business



Advance Excel Lab Photographs

Advance Excel Lab Photographs

Director
Tula's Institute, Dehradun

Tula's Institute
Graduate School of Business

Advance Excel Lab Photographs

Advance Excel Group Photographs

Director
Tula's Institute, Dehradun

E & ICT Academy, IIT Kanpur

(A joint initiative of Meity & IIT Kanpur)

Certificate

This is to certify that

Dr. / Mr. / Ms. **Aashish** of

Tula's Institute, Dehradun

has completed the **Student Development Program** on

Advance Excel

from 06-06-2022 to 10-06-2022

Prof B. V. Phani

Prof Amey Karkare

Chief Investigator E & ICT Academy, IIT Kanpur

Date of Issue: 30-07-2022

System Identification No.: 607-7113

Director

Tula's Institute, Dehradun

Annexure - II

Short Term Course on "AutoCad"

Tula's Institute

Mechanical Engineering

Summary Report of Short Term Course on "AUTOCAD"

The Society of Mechanical Engineering, Tula's Institute conducted a **"Short Term course on AUTOCAD"** for a week i.e. from on 29 Aug. to 2 Sept. 2022. The trainer for the offline session is **Mr. Amarpreet Singh** who is **Senior Trainer at ICT ACADEMY** affiliation with **IIT KANPUR.** He is also Founder, Director & C.E.O, Senior Manager , Corporate Trainer , Project Manager/Co-Ordinator , Content Developer & SME for higher Education Autodesk ATC Head ,West Delhi, Delhi, India

OBJECTIVE

The objective of this course is to teach students the basic commands and tools necessary for professional 2D drawing, design and drafting using AutoCAD. After completing this course users will be able to

- Use AutoCAD for daily working process.
- Navigate throughout AutoCAD using major navigating tools.
- Understand the concept and techniques to draw.
- Create multiple designs using several of tools.
- Create layers to control the objects' visibility.
- Explain drawing using annotations.
- Plot or print the drawing by scale.
- Use constraint for certain design.

Director
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Tula's Institute

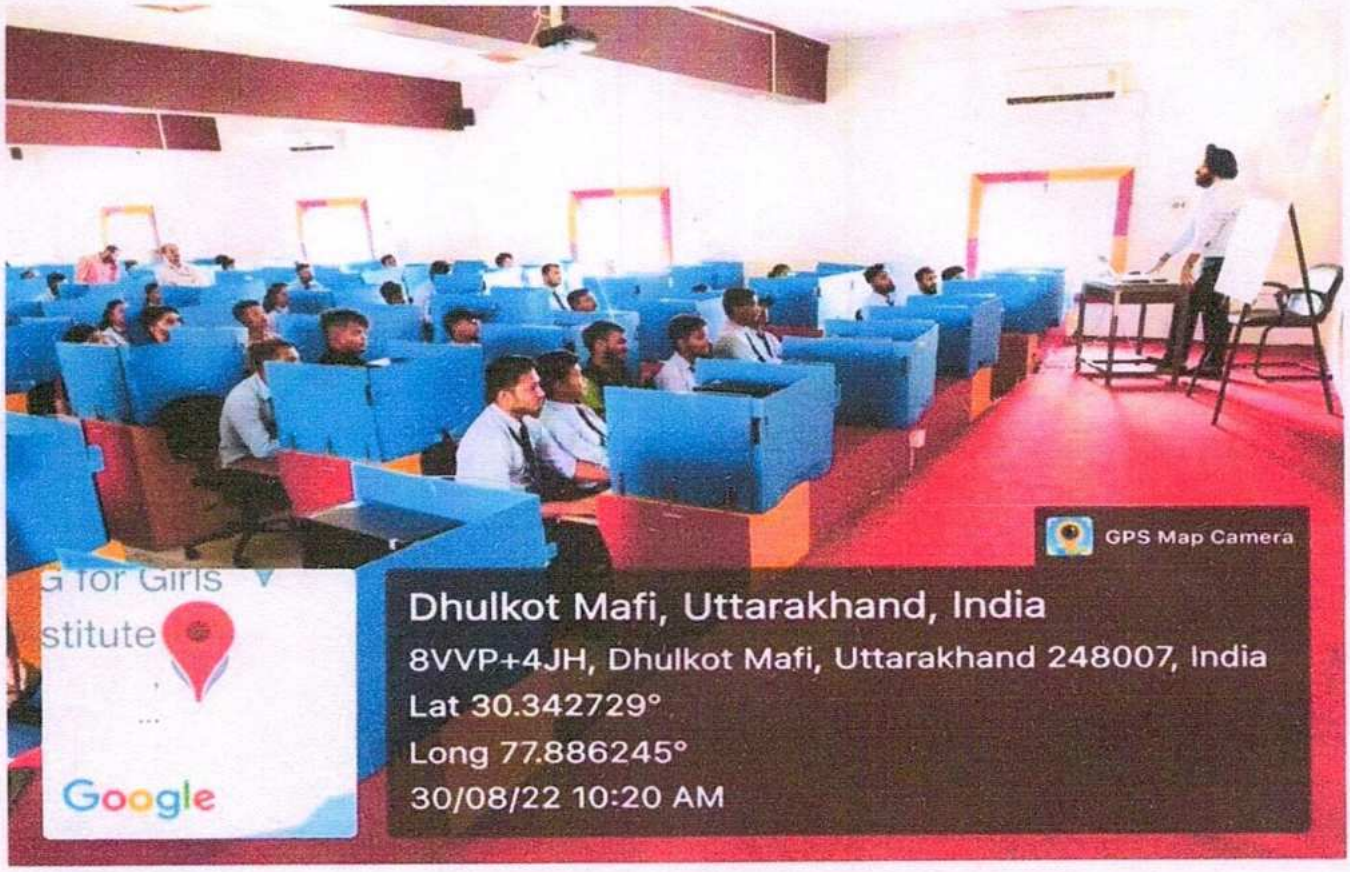
Mechanical Engineering

SHORT TERM COURSE ON "AUTOCAD" PHOTOGRAPHS

AUTOCAD Lab Photograph DAY 1

AUTOCAD Lab Photograph Day 1

Director
Tula's Institute, Dehradun



AUTOCAD Lab Photograph Day 2

AUTOCAD Lab Photograph Day 2

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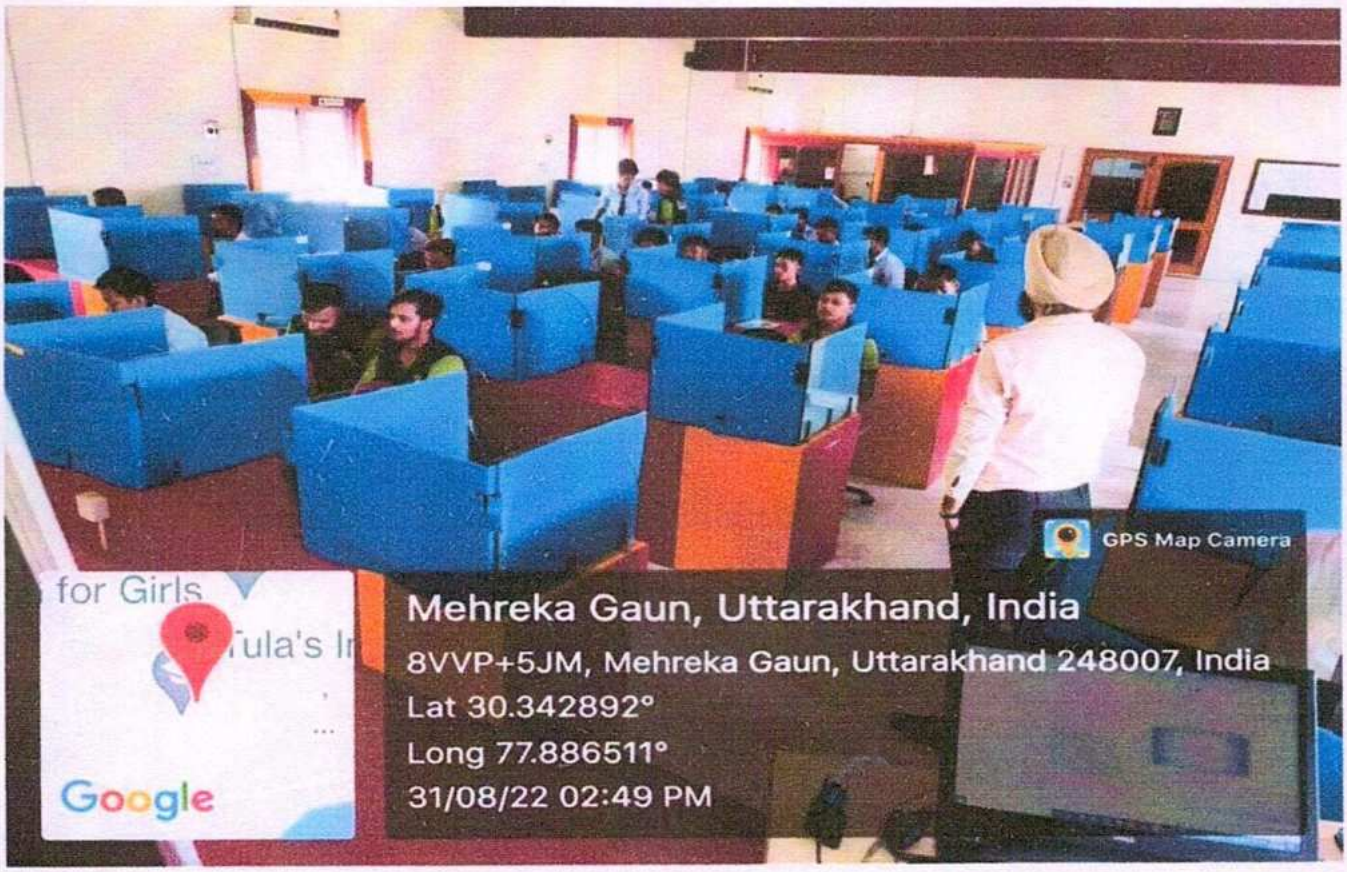
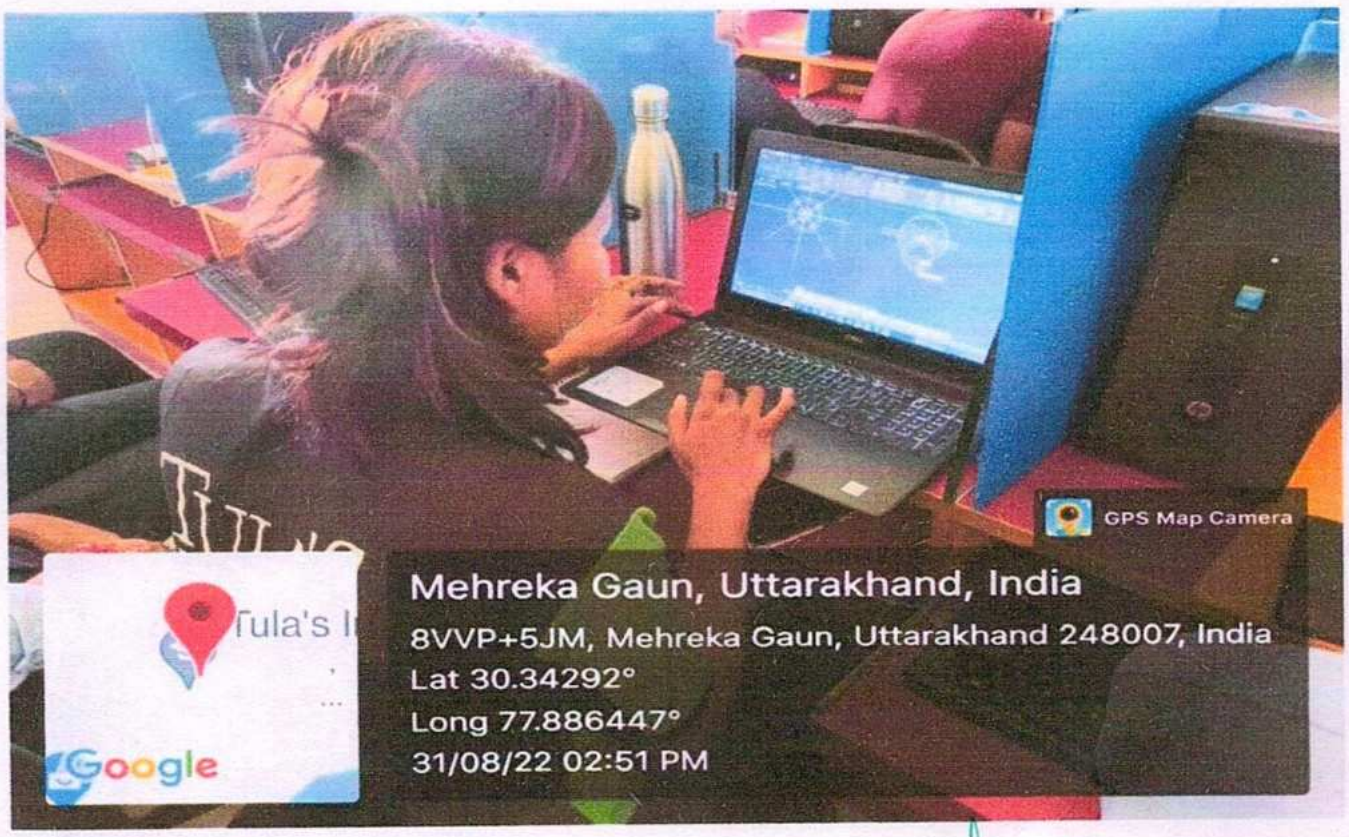
Tula's Institute, Dehradun

Tula's Institute

Mechanical Engineering



AUTOCAD Lab Photograph Day 3



AUTOCAD Lab Photograph Day 3

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Tula's Institute, Dehradun

Tula's Institute

Mechanical Engineering

AUTOCAD Lab Photograph Day 4

AUTOCAD Lab Photograph Day 4

Director
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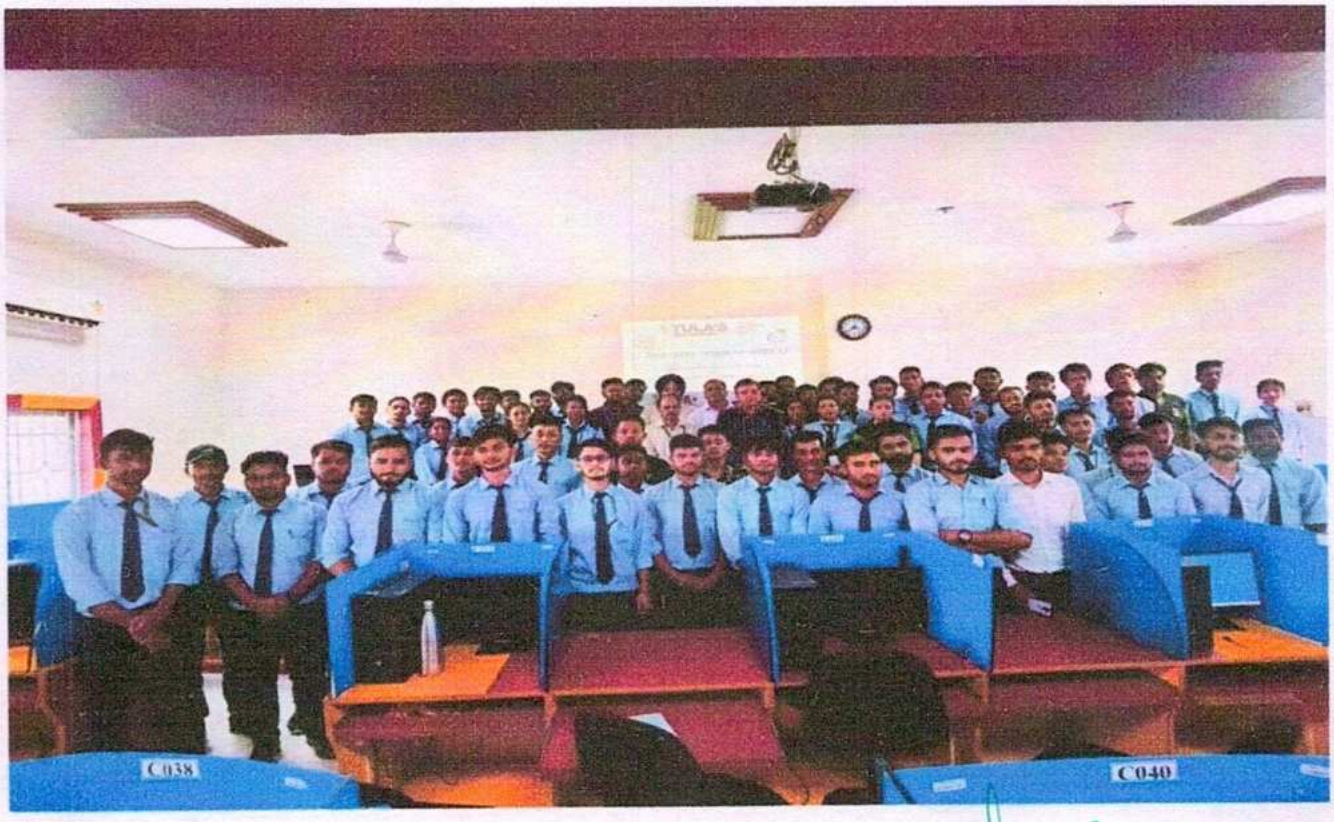
Tula's Institute

Mechanical Engineering

AUTOCAD Lab Group Photograph Day 5



AUTOCAD Lab Group Photograph

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Tula's Institute, Dehradun

E & ICT Academy, IIT Kanpur

(A joint initiative of Meity & IIT Kanpur)

Certificate

This is to certify that

Dr. / Mr. / Ms. **Yorum Vivek Yorum Tach** of

Tula's Institute, Dhoolkot

has completed the **Student Development Program** on

AutoCAD

from 29-08-2022 to 02-09-2022

Date of Issue: 27-09-2022

System Identification No.: 3081-7124

Prof B. V. Phani

Prof Amey Karkare

Chief Investigator E & ICT Academy, IIT Kanpur

Director
Tula's Institute, Dehradun

Annexure - III

Short Term Course on "Deep Neural Networks"

Tula's Institute

Department of Computer Science & Engineering

Event: Hands-on Short-Term Course on Deep Neural Networks

Duration: 5 days (29 Aug 2022 - 2 Sept 2022)

Organized By: Department of Computer Science & Engineering

Venue: Conference Hall, Tula's Institute

Number of Participants: 140 (Students of B.Tech CSE 3rd, 4th and MCA 2nd yr)

Resource Person:
Dr. Satish Kumar Singh, Associate Professor, IIIT Allahabad
Dr. Nayaneesh Mishra, Ncode Sutram for Artificial Intelligence Pvt. Ltd.
Mr. Nand Kumar Yadav, Assistant Professor, IIIT Allahabad

Department of Computer Science & Engineering, Tula's Institute, Dehradun organized a 5 days Hands-on Short-Term course on Deep Neural Networks. The event was coordinated by Mr. Sanjay Kumar, Assistant Professor under the guidance of Dr. R. B. Singh, Head of Department of Computer Science.

During the course following topics were covered:

- Classifiers
- Neural Networks
- Convolutional Neural Networks (CNN)
- Training Network
- CNN Architectures
- Generative Adversarial Networks

The course was divided into 15 slots of 1.5 hrs each. Students were given theoretical and practical insight of the topics covered during the course. Students interacted with the speakers during their practical sessions and cleared their doubts in the questionnaire session. Course was attended by the students of B.Tech CSE 3rd, 4th and MCA 2nd yr. Overall it was a great learning experience for students.

Director
Tula's Institute, Dehradun

HoD
Department of Computer Sciences & Engineering
Tula's Institute, Dehradun

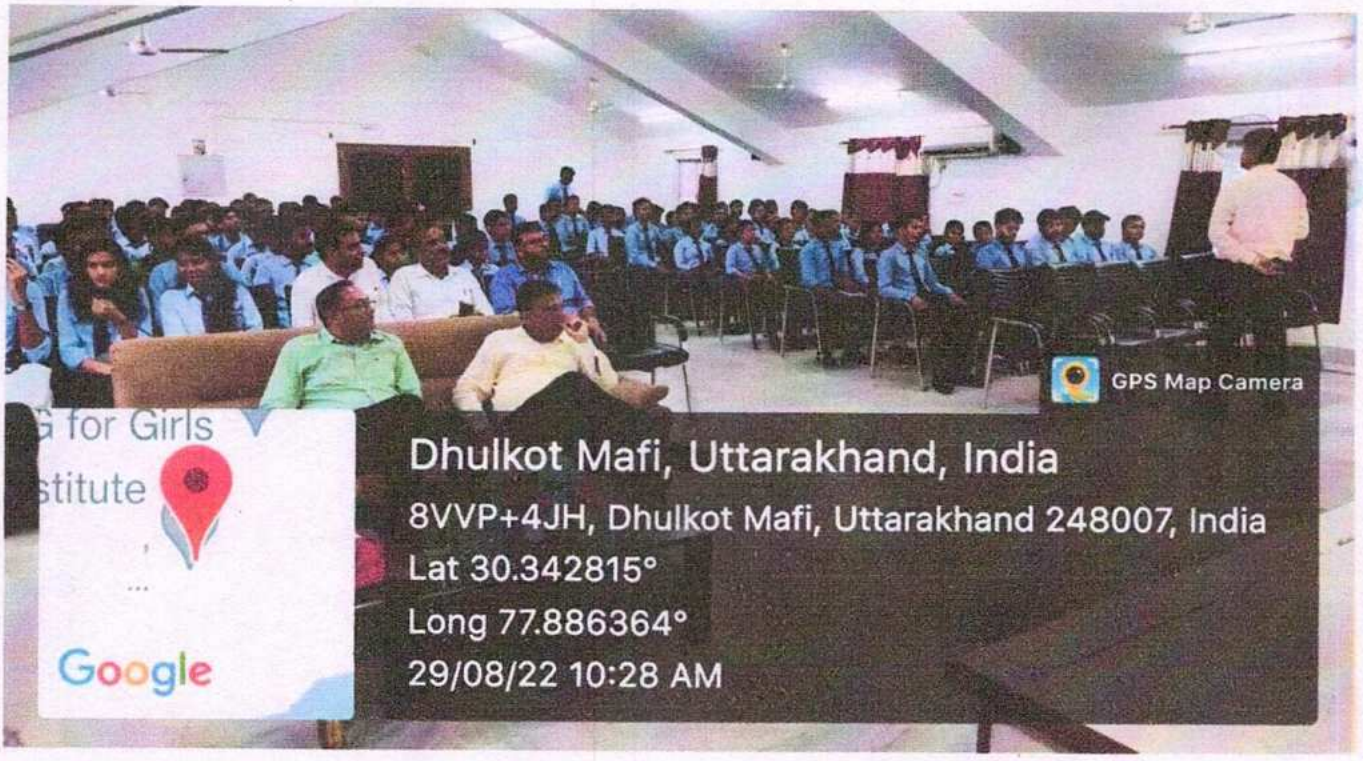

Figure 1: Short Term Certification Course on Deep Neural Network

Director
's Institute, Dehradun

Figure 2: Short Term Certification Course on Deep Neural Network

Director
Tula's Institute, Dehradun

Figure 3: Short Term Certification Course on Deep Neural Network

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Figure 4: Short Term Certification Course on Deep Neural Network

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Figure 5: Short Term Certification Course on Deep Neural Network

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Figure 6: Short Term Certification Course on Deep Neural Network

Director
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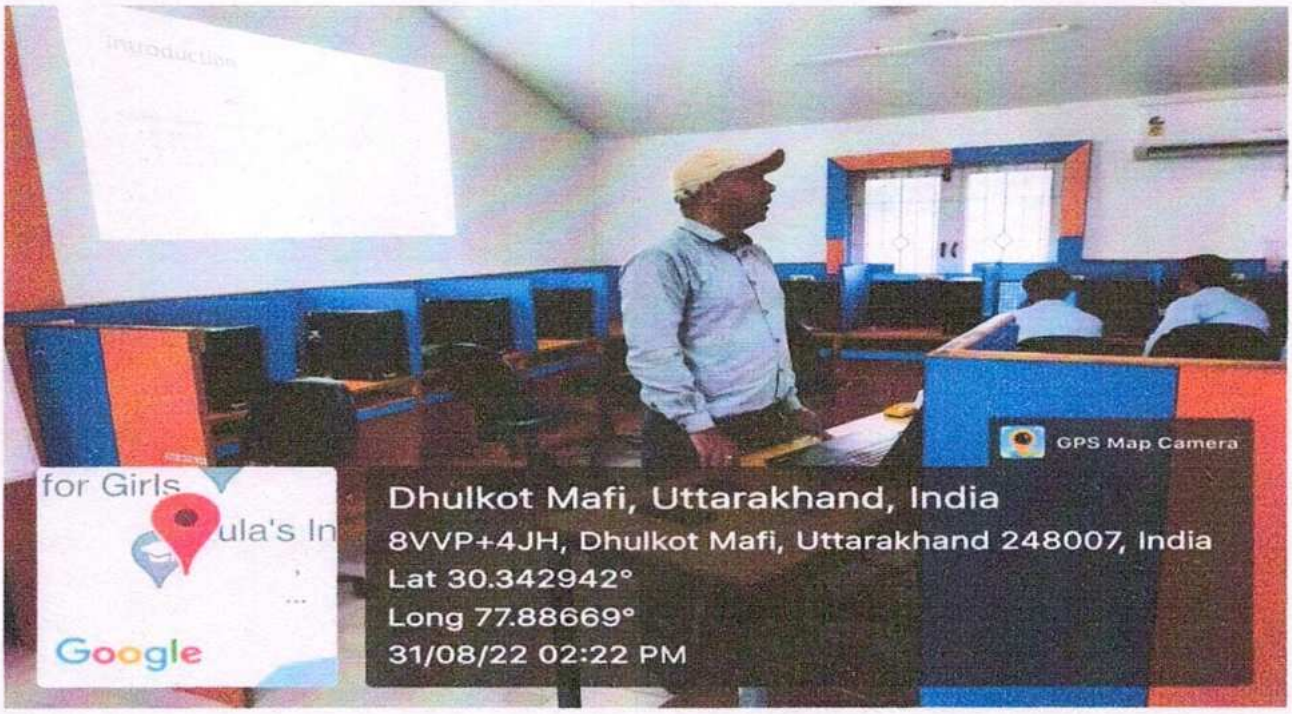

Figure 7: Short Term Certification Course on Deep Neural Network

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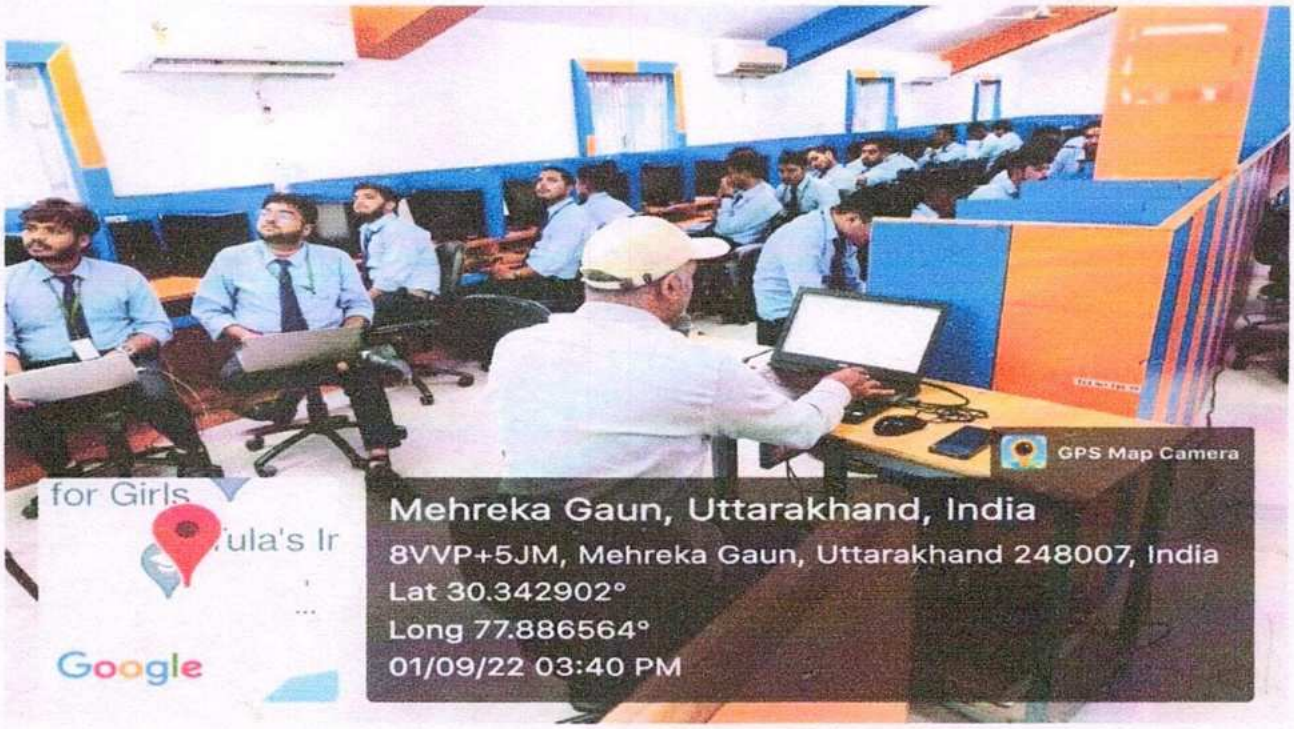

Figure 8: Short Term Certification Course on Deep Neural Network

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Certificate Number: STP/05/CSE/2022/039

CVBL IIIT Allahabad

CERTIFICATE
of Excellence

SHORT TERM CERTIFICATION COURSE
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, ALLAHABAD, PRAYAGRAJ

This is to certify that

Pulkit Mohan

Has completed 5 days hands-on short term course on

DEEP NEURAL NETWORKS

from 29th August - 2nd September, 2022

Dr. Satish Kumar Singh

Date: 02 September, 2022

Director
Tula's Institute, Dehradun

Annexure - IV

Short Term Course on "Industrial Robotics Design and Implementation"

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Tula's Institute

Research and Development Cell

One Week Workshop (24th – 29th March 2022) On Industrial Robotics Design and Implementation Conducted by SME Dehradun

One-week workshop on Industrial Robotics Design and Implementation was inaugurated at Tula's Institute, Dehradun (24/03/2022). Director (Prof. Sandip Vijay) gave the welcome address in the august gathering ofRegistrar Prof. Pavan Kumar Chaubey, DeanAcademics Dr. Nishant Saxena, Dean Research and Development Dr. Sunil Semwal, R& D Coordinator Dr. Tripuresh Joshi, HOD ECE & EEE Dr. Diwaker Pant among others.

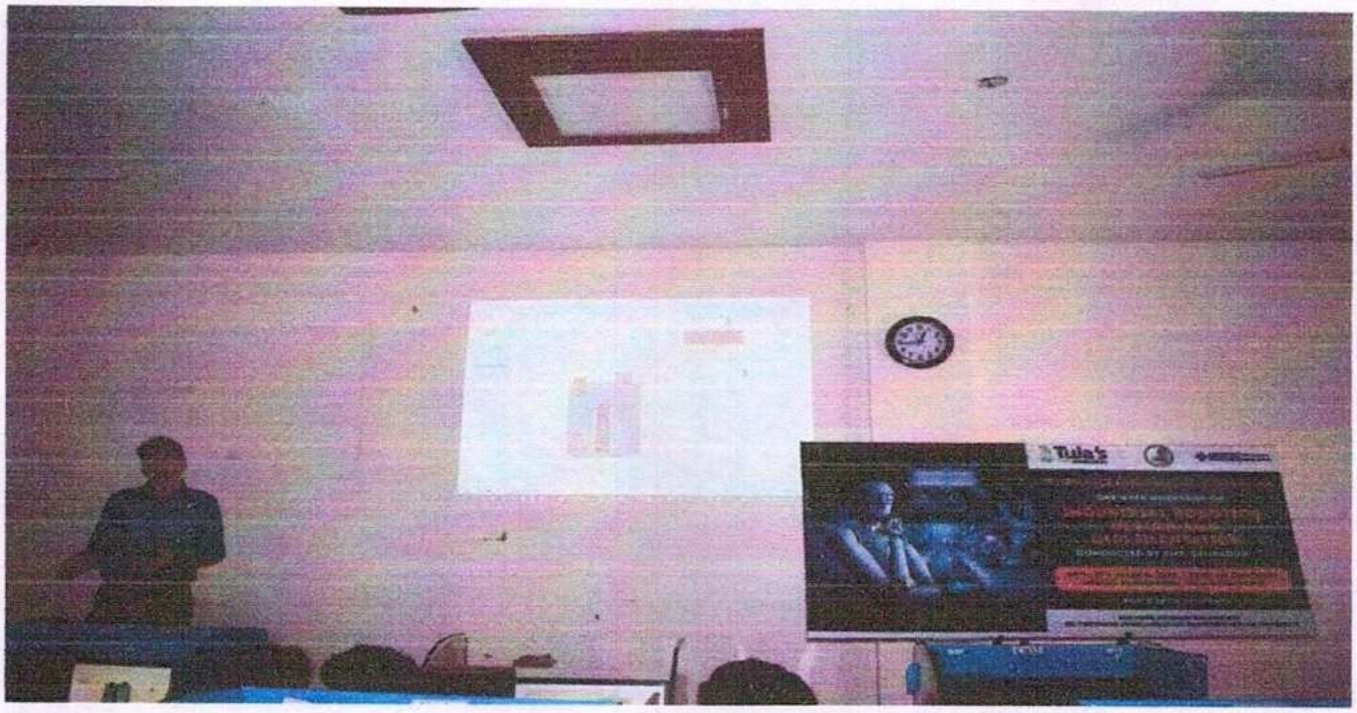
The workshop is being organised under the aegis of SME Dehradun organized by research and development cell of Tula's institute. Mr. Bhupendra Singh and team (SME, Dehradun) conducted the training sessions. Day one was focussed on introduction to robotics and embedded system, drivers and software installation, Led interfacing. Second day started with a DC motor interfacing, controlling speed of stepper motor, L293D IC and its need. Day three emphasis on work on IR sensors & types, controlling motors with IR sensor, designing of autonomous edge detector robot, and line follower robot. Day fourth started with introduction to IOT, cloud web dashboard and web mobile application of IOT. Last day focussed on designing of IOT controlled robot, controlling of robot direction through cloud. After attending, this one-week workshop student gets familiar with the latest trends of technology in designing of industrial robot and its implementation.

Director
Tula's Institute, Dehradun

Tula's Institute

Research and Development Cell

ONE WEEK WORKSHOP ON INDUSTRIAL ROBOTICS DESIGN AND IMPLEMENTATION PHOTOGRAPHS



Industrial Robotics Design and Implementation LAB Photographs

Industrial Robotics Design and Implementation LAB Photographs

Director
Tula's Institute, Dehradun

TULA'S
DEHRADUN
Estd. 2006

Tula's Institute

Research and Development Cell

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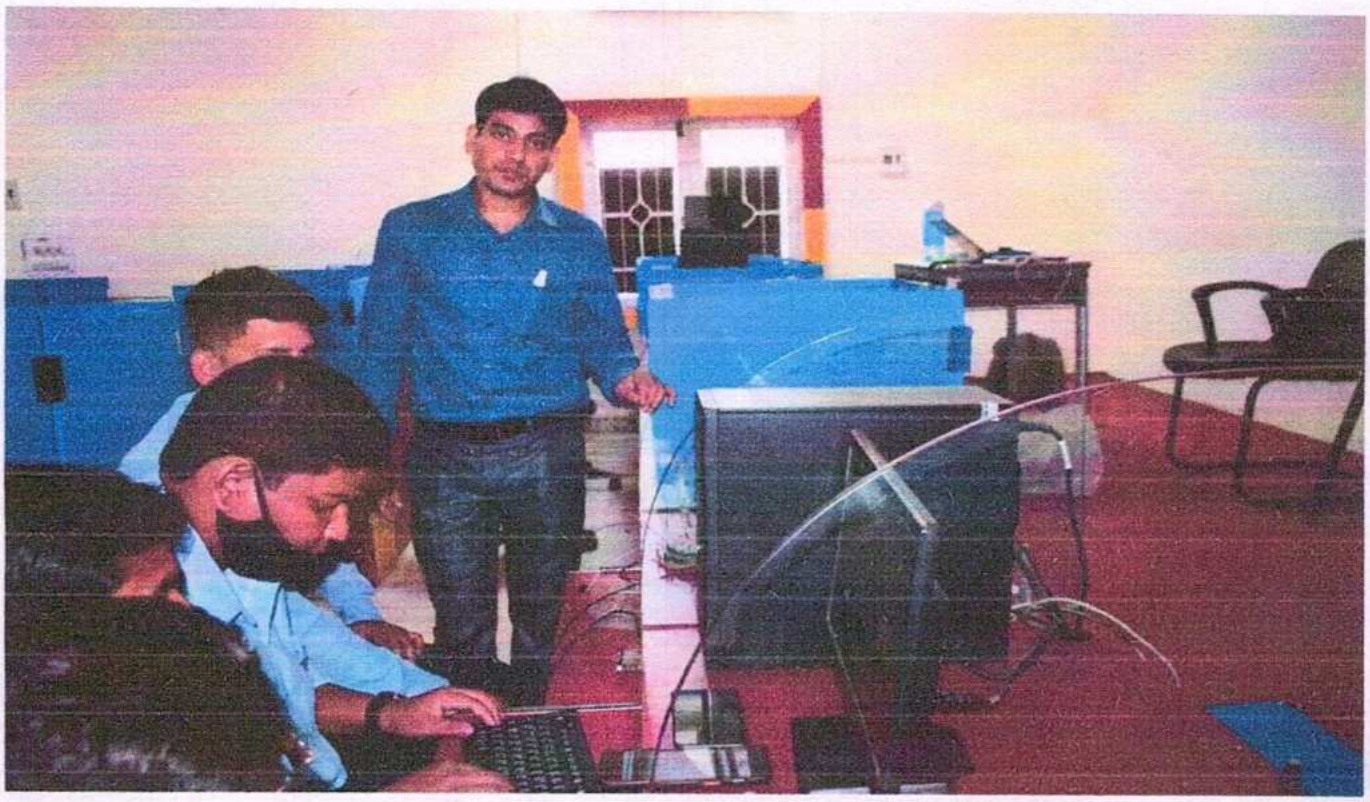
HIGHEST RATING AMONGST COLLEGES & UNIVERSITIES IN UTTARAKHAND

Industrial Robotics Design and Implementation LAB Photographs



Industrial Robotics Design and Implementation LAB Photographs

Director
Tula's Institute, Dehradun

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Tula's Institute

Research and Development Cell

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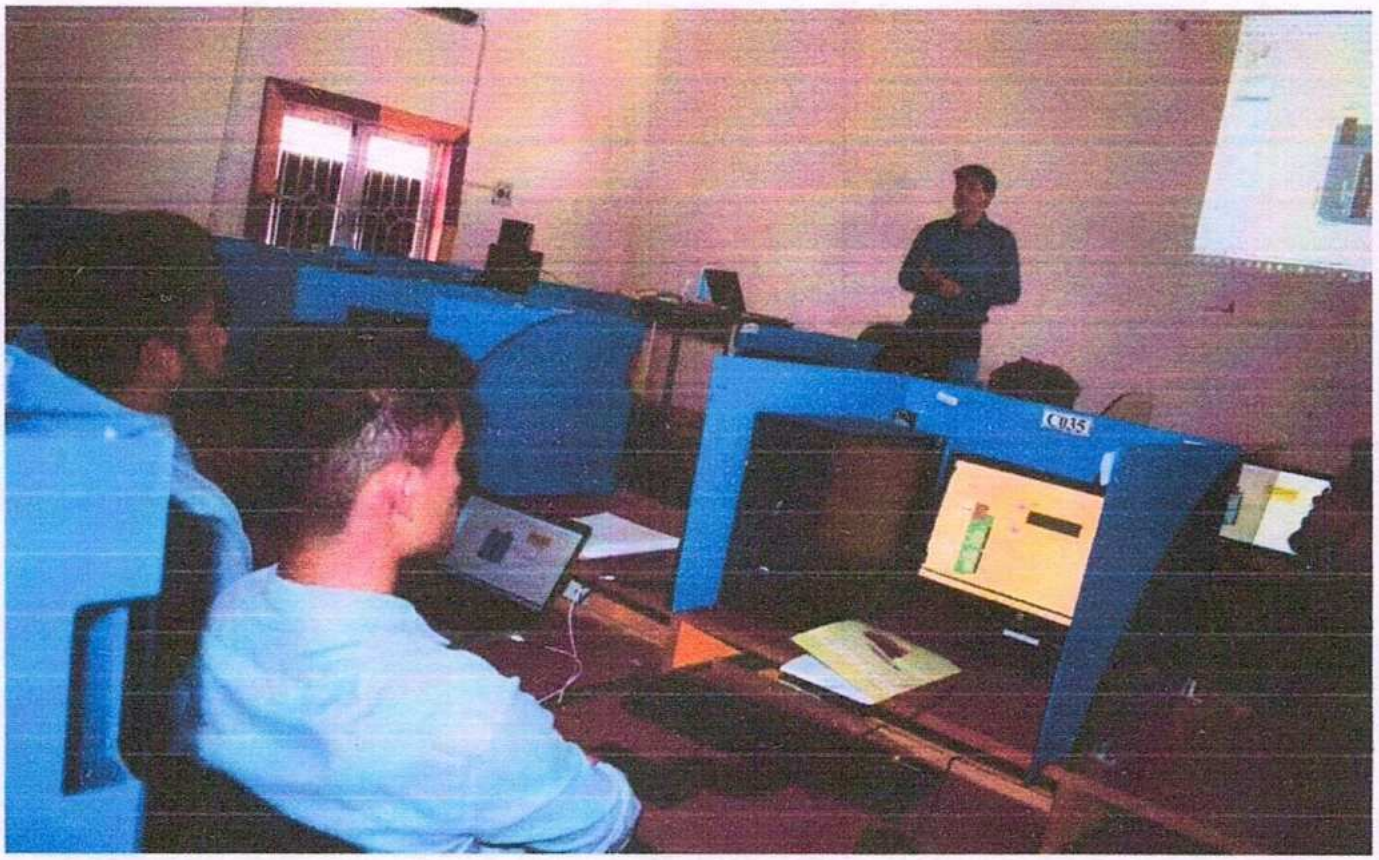
HIGHEST RATING AMONGST COLLEGES & UNIVERSITIES IN UTTARAKHAND



Industrial Robotics Design and Implementation LAB Photographs

Director
Tula's Institute, Dehradun

www.smedehradun.com

TULA'S DEHRADUN INSTITUTE

info@smedehradun.com
schematicslab@gmail.com

IEEE Tula's Institute Student Branch

CERTIFICATE

This is to certify that Mr/ ~~Ms~~ Pulkit Mohan
S/o / ~~D/o~~ Pankaj Mohan Sharma has successfully completed his/her 1 week workshop (24th-29th March 2022) on **Industrial Robotics Design And Development** successfully by our experts.

His/ Her performance is Satisfactory & we wish him/her for better career ahead.

Schematics Microelectronics Dehradun

BHUPENDRA SINGH
Managing Director

TRAINER
SME

Corporate Office: Schematics Microelectronics, 58G, Top Floor, Khanna Complex, Premnagar Dehradun, 248007, UK, India. Ph.: +91-9927715123
Manufacturing Plant: SME Unit2, Majhan, Dehradun, 248007, UK, India.

Director
Tula's Institute, Dehradun

Annexure - V

Short Term Course on "Internet of Things"

TULA' S INSTITUTE, DEHRADUN

ONE WEEK SHORT TERM COURSE ON INTERNET OF THINGS (IOT) SPONSORED BY AICTE-SPICES SCHEME ORGANIZED BY EMBEDDED CLUB

Tula's DEHRADUN

One week short term course on 'Internet of Things' sponsored by AICTE-SPICES Scheme organized by Embedded Club

Internet of Things (IOT)

The Internet of things (IOT) is a system of interrelated computing devices, mechanical and digital machines, objects, animals, or people that are provided with unique identifiers (UDIs) and the ability to transfer data over a network without requiring human-to- computer interactions.

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COURSE OBJECTIVE

- To understand fundamentals of IOT and embedded system including essence, basic design strategy and process modeling.
- To introduce students a set of advanced topics in embedded IOT and lead them to understand research in Embedded Systems.
- To understand fundamentals of security in IOT.
- To learn the implementation of secure infrastructure for IOT.
- Students will gain the knowledge of the interconnection and integration of the physical world and the cyber space.
- Students will be able to design & develop IOT devices.

COURSE OUTCOME

- Students will be able to implement an architectural design of IOT for specific applications.
- Students will be able to understand the applications areas of IOT.
- Students will be able to realize the revolution of internet in mobile devices, cloud and sensor networks.
- Students will be able to understand building blocks of internet of things and characteristics.

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Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

WORKSHOP DETAILS

The one-week short-term course on 'Internet of Things' was organized by Embedded Club and sponsored by AICTE-SPICES Scheme from 6th December to 10th December 2021. It was held at Lab-V (Computer Centre) in Tula's Institute. The workshop was started at 9:40 AM sharp with a warm welcome of workshop coordinator Dr. Diwaker Pant (HOD, ECE/EEE Department) and trainer Er. Ashok Kumar. It involved the participation of all the students of the ECE and EEE department from the 2nd, 3rd, and 4thyear.

DAY 1 (06 DECEMBER 2021)

The first day of the workshop was started with the introduction of an embedded system. What is an embedded system? Why do we learn an embedded system? The session was followed by some more important discussions on topics like microprocessor, microcontroller, and their classifications, the AVR family, their architecture, Timer/Counter, Interrupts, and UART. Trainer has given detailed information on these topics as it is going to play an important role in a further session. Students covered the topics on the basics of IOT, Introduction to Automation, What is the history of automation, Why do we need automation, How is it going to play an important role in human life, what are the traditional techniques and how day by day techniques are going to be more advanced? So, these are the topics that students covered on the first day of our workshop. Overall, it was a good day and students learned more about these things.

DAY 2 (07 DECEMBER 2021)

The second day of the session was started with the Implementation of the microcontroller and its interfacing followed by the interfacing of different physical components like LED interfacing, seven-segment interfacing, motor interfacing, relay interfacing, serial communication, LCD interfacing, Different ICs interfacing like12c Module, L239D IC, IC 4511, IC ULN 2003A, Sensor interfacing, and Ultrasonic interfaces. Students has done the physical simulation of all these devices. Under the guidance of Er.Ashok Sir, students came to know about the functionality of these devices. In orderto simulate the components, students also completed the coding part on the Arduino software.

Director
Tula's Institute, Dehradun

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DAY 3 (08 DECEMBER 2021)

On the very next day, that means on the third day of the workshop students came to know about different IoT platforms and how we can perform our project on these platforms using NODEMCU. Firstly, Er. Ashok Kumar taught students some theoretical part of the content, and then students have started some practical work according to that and performed some projects with the help of Arduino. On third day, students received the whole kit of sensors, Arduino, LED, and other devices to perform physically. With the help of that kit, students performed various simulations using different sensors. So, basically the third day was the most important day for all the students because they physically interacted with some of the devices never seen. So it was an amazing experience for all the students to perform different project.

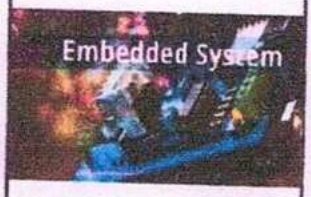
DAY 4 (09 DECEMBER 2021)

Day fourth started with the action of simulation physically using Arduino and different sensors so students keep continuing to do this on our fourth day of the workshop. So they started the day with some awesome projects like home automation, alcohol and gas detection and distance measuring device and some other projects using different sensors. Students discussed some projects with the trainer . Students came to know about the pin configuration of different sensors, their work, their importance can be recognized. Afternoon session was followed by development of an androidapp with the help of MIT App inventor. Student created their own applications that recognizes their voice and translates it into text. Also, they learned to simulate their projects using the android app. It was a good day and a great learning experience for all the students.

DAY 5 (10 DECEMBER 2021)

Day fifth concluded with applications of IOT in various fields. Students learned a lot of things about the course so that they can design architectural for IOT for specific requirement. They have completed some projects based on IOT. They learned to create Wi-Fi based model using NODEMCU. One week course of IOT is ended with a test and filling of feedback form by students. They also got to know how they can implement their idea in future.

Director
Tula's Institute, Dehradun

S.No	Course	Content
1.	"Embedded Systems & IoT Applications"	**DAY 1:** INTRODUCTION TO EMBEDDED SYSTEM Classification of microprocessor & microcontroller, introduction to embedded c, Introduction to embedded c, Introduction to AVR family, architecture explanation of AVR microcontrollers including GPIO, Timer/Counter, Interrupts, UART etc. INTRODUCTION TO IOT INTRODUCTION TO AUTOMATION Classification of Automation, History and Need of Automation, Traditional Techniques, Advancement intechnique, Evolution of Automation
2.		**DAY 2:** Led interfacing, seven segment interfacing, motor interfacing, relay interfacing, LCD interfacing, Module, L239d IC, IC 4511, IC ULN 2003A, Sensor interfacing, and Ultrasonic interfacing.
3.		**DAY 3:** Introduction to various IOT platforms and hands on training atany popular IOT platform using NODEMCU, Thing Speak Server, Node MCU, 12E, 13E, Analog,Serial Communication. **APPLICATION DEVELOPMENT** Text to speech App development, including textbox, applying labels, Horizontal arrangements, vertical arrangements font size properties, Accelerometer sensor, if - else condition', do while condition, call statements, Bluetooth connectivity, Database connectivity, app development, and playing with real time database using Blynk app.

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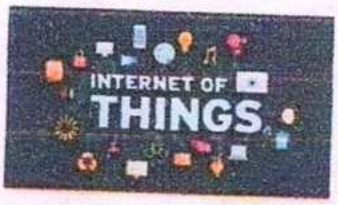
S.No	Course	Content
4.		**DAY 4:** **DATABASE CONNECTIVITY** Firebase console, tags, firebase URL firebase token, real time database, database secrets, project Development, Hardware description, hands on work with kit (Video explanation).
5.		Blink program with digital pin, Analog Read, Analog Write, digital Read, digital write, delay, pin Mode, data types, setup, loop, conditions, statements, operators, blynk app, serial monitor, virtual monitor, Common cathode and common anode, clock wise and anti-clockwise operations 1 bels, Horizontal arrangements, vertical arrangements font size properties, Accelerometer sensor, if –else condition', do while condition, call statements, Bluetooth connectivity, Database connectivity app development, playing with real time database, Using Blynk App., fan control using text message, lamp control using digital signal, speed control using analog signals, temperature sensor, automatic light/fan/device control, automatic room temperature control application, keypad using switches, pulse in, echo, trigger distance, duration, ultrasonic sensor, power supply, series and parallel connection, push pull resistor concept, power rail, groundrail, terminal mode, pick and drop libraries, adding components. **FINAL PROJECT IMPLEMENTATION** **REVISION & QUIZ**

HoD
Department of E&C Engineering
Tula's Institute, Dehradun

Director
Tula's Institute, Dehradun

TULA' S INSTITUTE, DEHRADUN

EVENT PHOTOGRAPHS

Training Session on Day 1 (6/12/2021)

Director
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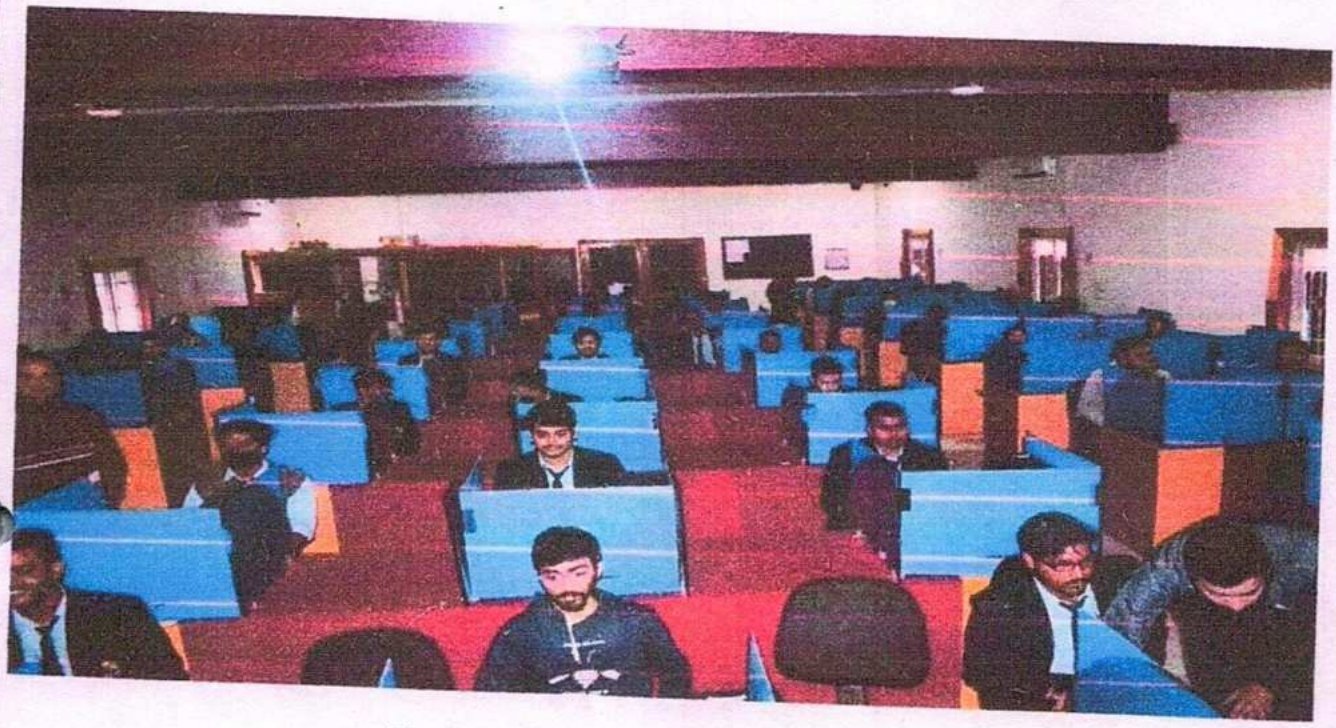
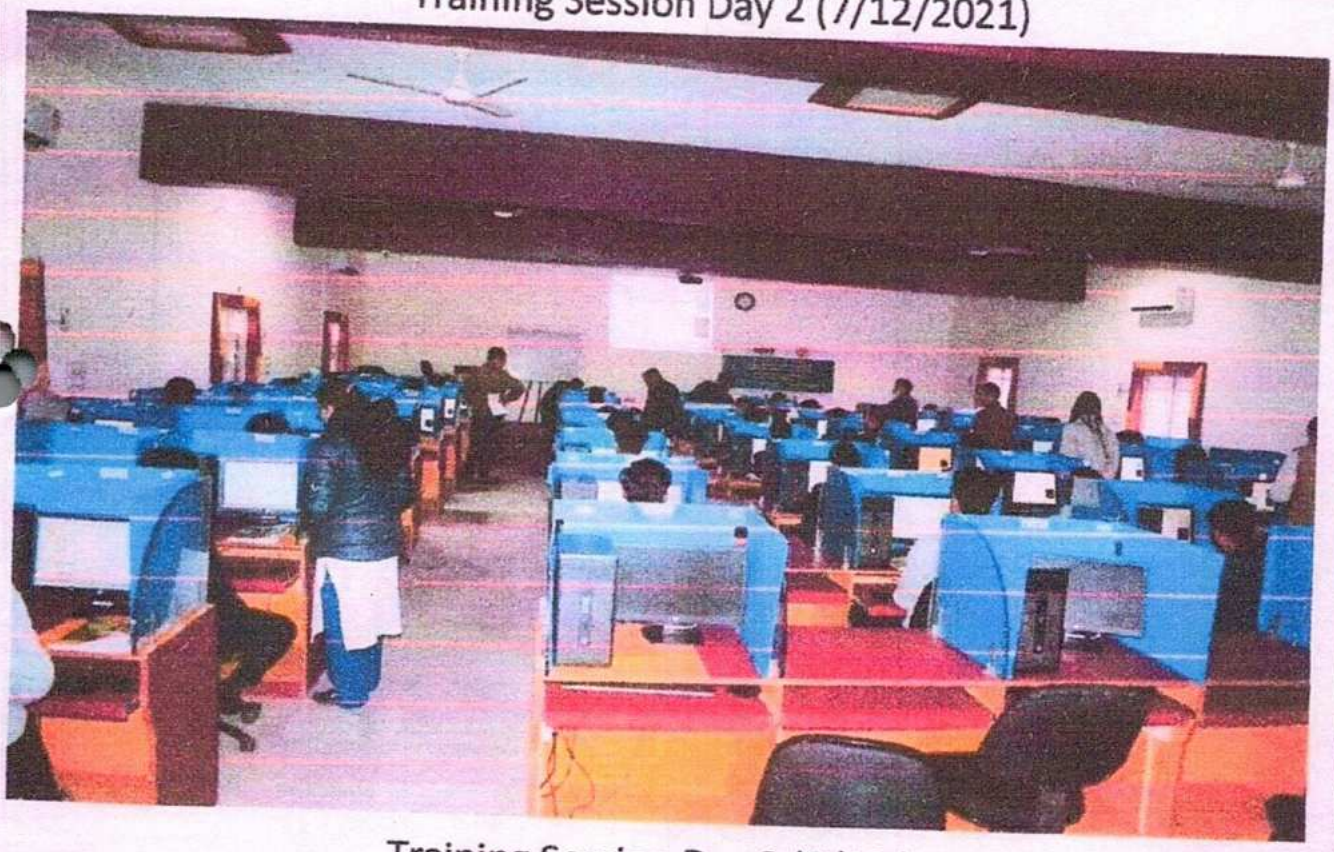


Training Session Day 2 (7/12/2021)



Training Session Day 3 (8/12/2021)

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Training session on day 3 (8/12/2021)

Training session on day 4 (9/12/2021)

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Tula's Institute, Dehradun

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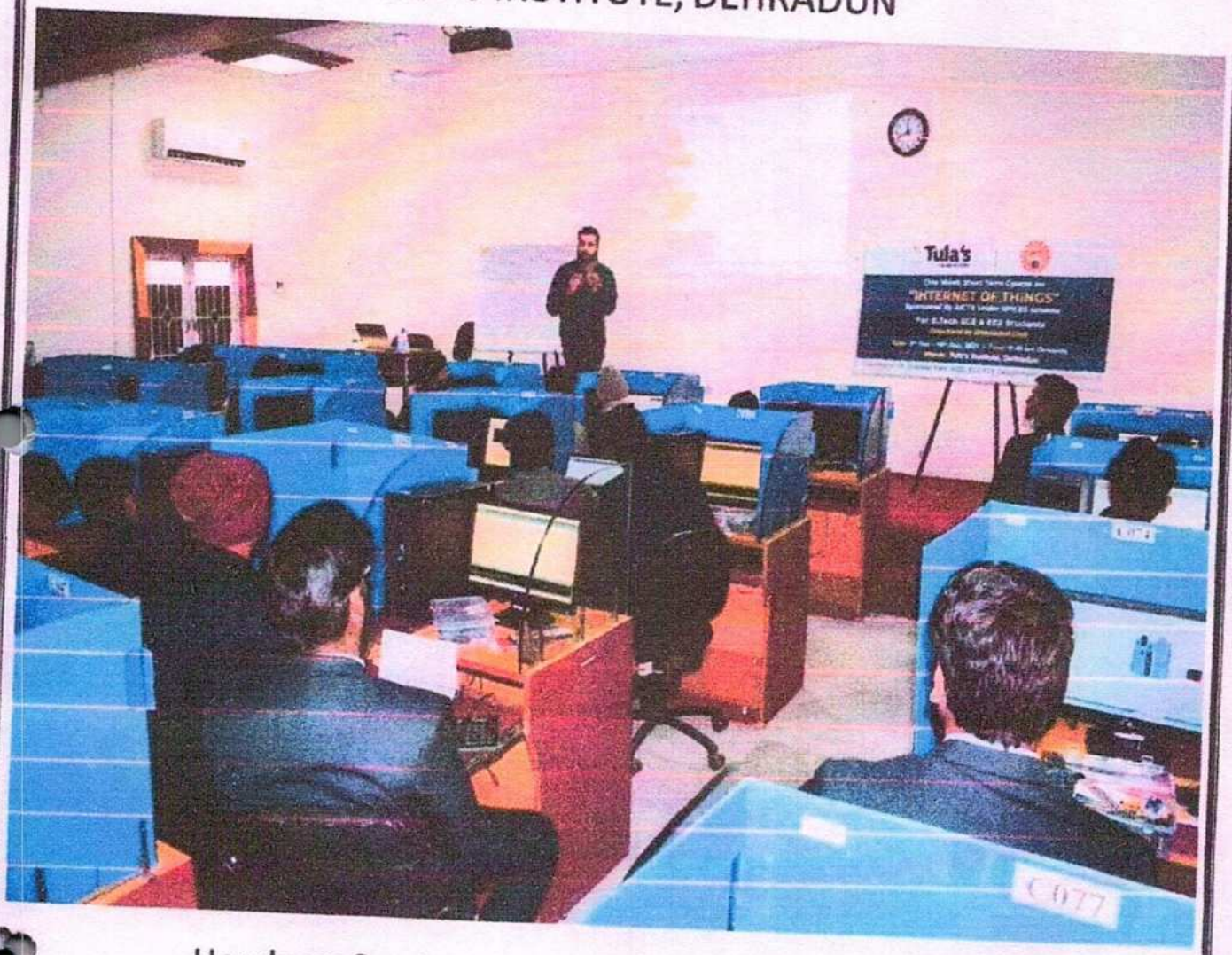

Hands on Session on Day 4 & 5 (9-10/12/2021)

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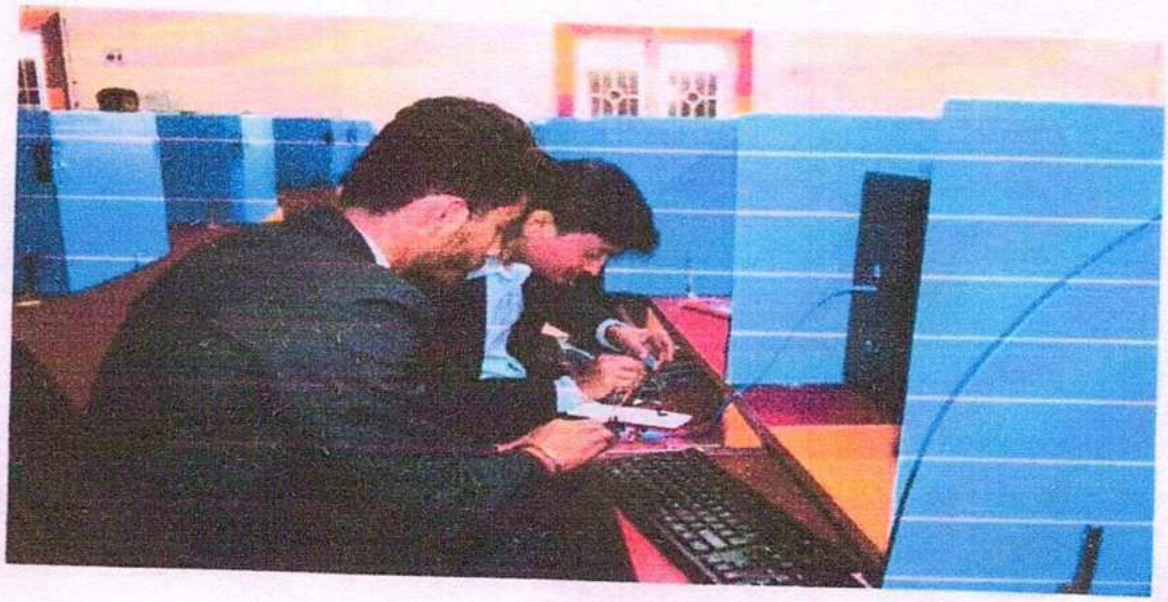
Training session on day 4 (9/12/2021)



Training session on day 5 (10/12/2021)

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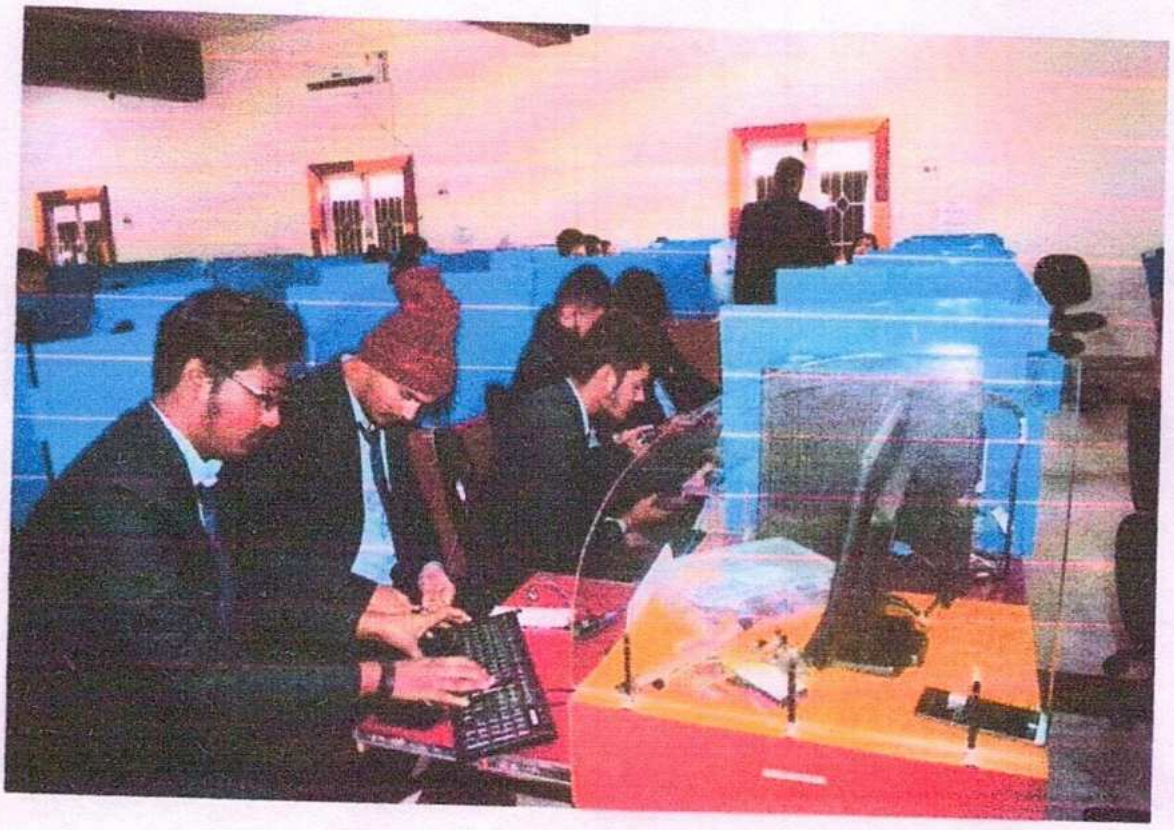

Training session on day 5 (10/12/2021)

(Dr. Diwakar Singh)

HoD
Department of E&C Engineering
Tula's Institute, Dehradun

Director
Tula's Institute, Dehradun

ENSINO RESEARCH AND DEVELOPMENT PRIVATE LIMITED

(Registered Under the 2013 Company Act of Ministry Of Corporate Affairs - Government of India)

Certificate

This is to certify that

RAZOTO VESWAH

has successfully participated in

one week short term course on

"Internet of Things"

sponsored by AICTE under SPICES Scheme

Organized by

Tula's Institute in association with Ensino R&D

from 6th Dec 2021 to 10th Dec 2021

Razoto Details Inside QR

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Director (Ensino) | HOD-ECE/EEE (Tula's Institute) | Director (Tula's Institu

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Annexure - VI

15 Day's online Training Programme on Advances in Agripreneurship and Skill Development Reshaping Future of Indian Agriculture.

Tula's Institute

Department of Agriculture and Forestry

15 Days International Online Training

"Advances in Agripreneurship and Skill Development for Reshaping Future of Indian Agriculture"

(16th to 30th December, 2021)

Introduction:

The 15 days training is organized by Agro Environmental Education & Farmers Welfare Society (A.E.E.F.W.S.) and Just Agriculture- The Magazine from 16th December to 30th December, 2021. Agro Environmental Education & Farmers Welfare Society (A.E.E.F.W.S.) was founded in 2021. It is an autonomous research and educational organization registered under Society Registration Act XXI of 1860 bearing the Registration No. 255 during 2020-21. It is a scientific and educational organization, working in the field of agriculture, environment and farmers welfare for sustainable development and provides a unique platform to the scientists, academicians, researchers and policy makers for exchanging their ideas, encouraging research and disseminating knowledge of Agro Environment in the society. The India's most rising Agriculture magazine- JUST AGRICULTURE with more than 98000 readers in India. The magazine was started in Sep, 2020 with an objective of Bridging the Knowledge Gap between Farmers and Scientists & Transformed youths transforming farming. JUST AGRICULTURE-magazine (e-ISSN: 2582- 9149) is an open access peer reviewed e-MAGAZINE. The MAGAZINE is providing a platform to all the researchers, students, scholars and scientists to share their ideas about latest innovative topics

Objective:

- Understand the concept of Agripreneurship and skill development.
- Get familiar with the support ecosystem available for Agripreneurs.
- Nurture potential young Agripreneurs through training from International Top Business Experts by providing practical, technical, and business insights.
- Create and encourage a healthy pipeline of Agripreneurs and incubators.
- Understand the available agripreneurial opportunities in various sectors of agriculture and allied sciences.
- Actively participate in the program to gain important skills and get motivated from success journeys of young entrepreneurs

Overview:

In the attempt to gain knowledge students of Tula's Institute attended the 15 days online training programme. It helped the trainees to understand how entrepreneurial skills can foster their career and personal development. Trainees also gained an idea about the enabling environment & institutional support for Agripreneurship which will enable them to understand and decipher the total spectrum of entrepreneurship development process in the agriculture and allied sectors. Through the training, participants acquired experiential

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learning of development of enterprises in agriculture sector. They will also get acquired with the process of creating favourable conditions for scaling up and involvement of Micro & Small Enterprises in agricultural management and development. Trainees will also be able to effectively prepare and present business plan for their novel and innovative future initiatives.

Major Focus area:

1. Scope and prospects of Agripreneurship for rural youth in agriculture.
2. Financial Business Management and Regulatory Compliances for Agripreneurs.
3. Government Incubation Schemes & Support Ecosystem for Agripreneurship
4. Start-up Guide: How to build a start-up from Scratch.
5. Agricultural Supply Chain and Logistics Management.
6. Mushroom cultivation, Hydroponics, vermicomposting and Artificial Intelligence.
7. Entrepreneurship Opportunities in Apiculture, Sericulture and Lac Culture.
8. IoT, ICT and AI in Agriculture.
9. Post-Harvest technology and Food Processing Industry.
10. Sustainable Crop Production& Organic Farming.
11. Seaweed based product for Sustainable Agriculture.
12. Renewable Energy for Farmers.
13. Economic Impact of Nuclear Agricultural Research. Etc.

Outcome:

- To have an exposure in Agripreneurship and recent technologies in Agriculture
- Student learns about the Post-Harvest technology, Food Processing, Apiculture, Sericulture and Lac culture.
- To learn about the sustainable crop production and renewable Energy.
- To Learn Hydroponics and Aquaculture techniques.
- To gain Knowledge for business start-ups and government schemes.
- To learn about business opportunities in the sector of mushroom cultivation and vermicompost.

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This is to certify that

Shubham Kumar Khushwaha

from *Tula's Institute, Dehradun*

Successfully attended the **15 Days International Online Training cum Workshop** organized by **AEEFWS** (Agro Environmental Education and Farmer's Welfare Society, Punjab) and **Just Agriculture-Magazine** during **16th - 30th Dec, 2021**.

AGRICULTURE 2.0- A NEXT LEVEL APPROACH TOWARDS SUSTAINABILITY, SMART FARMING & AGRI-INNOVATION.

This training program consisted topics viz., **Mushroom Cultivation, Vermicomposting, Hydroponics, Aquaponics, Saffron Cultivation, FPOs & Agri-Incubation Scheme's, Drone Tech. & Artificial Intelligence, Apiculture, Sericulture.**

Dr. N.S. Rathore **VC, MPUAT, UDAIPUR**	**Dr. Gopal U. Shinde** **PI, NAHEP-DFSRDA-ICAR**	**Dr. Santosh J. Gahukar** **CEO, AIC for Maharashtra** **(Dr. PDKV, Akola)**	**D.P.S.BADWAL** **Organizing Director** **(President, AEEFWS)**	**Mohit Bharadwaj** **Program Director** **(Gen. Secretary, AEEFWS)**

AEEFWS/T/265

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Annexure - VII

IIT BOMBAY SPOKEN TUTORIAL Short Term Course on LaTex.

Tula's Institute

Department of Applied Sciences & Engineering

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Event: Latex Course By IIT-Bombay Spoken Tutorial

Organized by: Department of Applied Sciences

Objective: The main motive is to impart the knowledge and understanding about LaTeX system, explain the procedure of LaTeX typesetting and familiarize the participants with various document formats of LaTeX and enable them to prepare research articles, thesis, books, and presentations with confidence. The broad objectives of the course are:

- To understand LaTeX, a document preparation system for high - quality typesetting.
- To understand features of LaTeX.
- To have hands on experience to become a user of LaTeX.

Summary:- The LaTex course was organized by Department of Applied Sciences in collaboration with IIT Bombay Spoken Tutorial. Total 93 students participated in this course. LaTeX, a document preparation system, is widely used for publishing in many scientific fields like mathematics, statistics, computer science, engineering, chemistry, physics, economics, linguistics, etc. It is a powerful and open-source system that provides numerous facilities for automating typesetting of the document: i.e. structuring page layout, listing and auto-numbering of sections, tables, figures, generating a table of contents, managing cross-referencing, citing, and indexing.

In the course students learnt the following Topics-They learned about Installation of LaTeX, Letter Writing (Compiling, Letter Writing), Report Writing, Mathematical Equations (Compiling, Mathematical Typesetting, Equations, Update), Tables and Figures (Compiling, Tables and Figures, Update),Beamer (Compiling, Mathematical Typesetting, Equations, Tables and Figures, Update, Beamer), References (Compiling, Report Writing, Bibliography, Inside story of Bibliography, Update).

Outcome:- Students will be able to learn:

- Typesetting of complex mathematical formulae using LaTeX.
- Use tabular and array environments within LaTeX.
- Use various methods to either create or import graphics into a LaTeX document.
- Typesetting of journal articles, technical reports, thesis, books, and slide presentations.
- Automatic generation of table of contents, bibliographies and indexes.

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Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of LaTeX Training

This is to certify that **HARSHIT JOSHI** has successfully completed **LaTeX** test organized at **TULA'S Institute the Engineering and Management college, Dehradun** by **Tanuja Uniyal** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Tanuja Uniyal Sati from **TULA'S Institute the Engineering and Management college, Dehradun** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

May 26th 2022

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

3126321TCI

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Annexure - VIII

Short Term Course on "TALLY & Stock Markets"

Tula's Institute
Graduate School of Business

Event:"5 days short term course on TALLY & Stock Markets" for B.Com (Hons.) Student.

Date:07/June/2022 to 11/June/2022

Organized by: Graduate School of Business

Objective: The main objective of workshop is

- To gain insight about Tally & Stock markets.
- To impart knowledge regarding concepts of financial accounting.
- To learn how to maintain accounts.
- To impart thetheoretical and practical information about stock market.

Summary: The short term course was organized by Graduate School of Businessin collaboration with IIT Kanpur. All B.Com (Hons.) student's participated in this workshop. Course started with the basic fundamentals of Tally with practical hands on training. Trainer discussed about the Fundamentals of Accounting,Maintaining Chart of Accounts in Tally ERP,Maintaining Stock Keeping Units and Recording Day-to-Day Transactions inTally ERP 9. In Stock markets Session trainer provided stock market basics and practical application, to create a powerful knowledge bank on various tools and techniques that required to understand the functioning of capital markets. He provided a basic insight of financial jargons like financial markets, Capital markets Technical analysis, Derivatives, Financial Planning.

Outcomes:

- To enter the accounting transactions in computerized format and find the financial result of a concern.
- To acquire the skill of financial decision making in a systemized manner.
- To interpret financial statements as well as evaluation of stock at the end.
- To understand the vocabulary and grammar of a trading floor
- To experience the interactions between traders, sales, clients, brokers
- To realize in a personal and lively way what it requires to be a trader, a sales, and a structure.
- To identify Risk Management issues related to market positions

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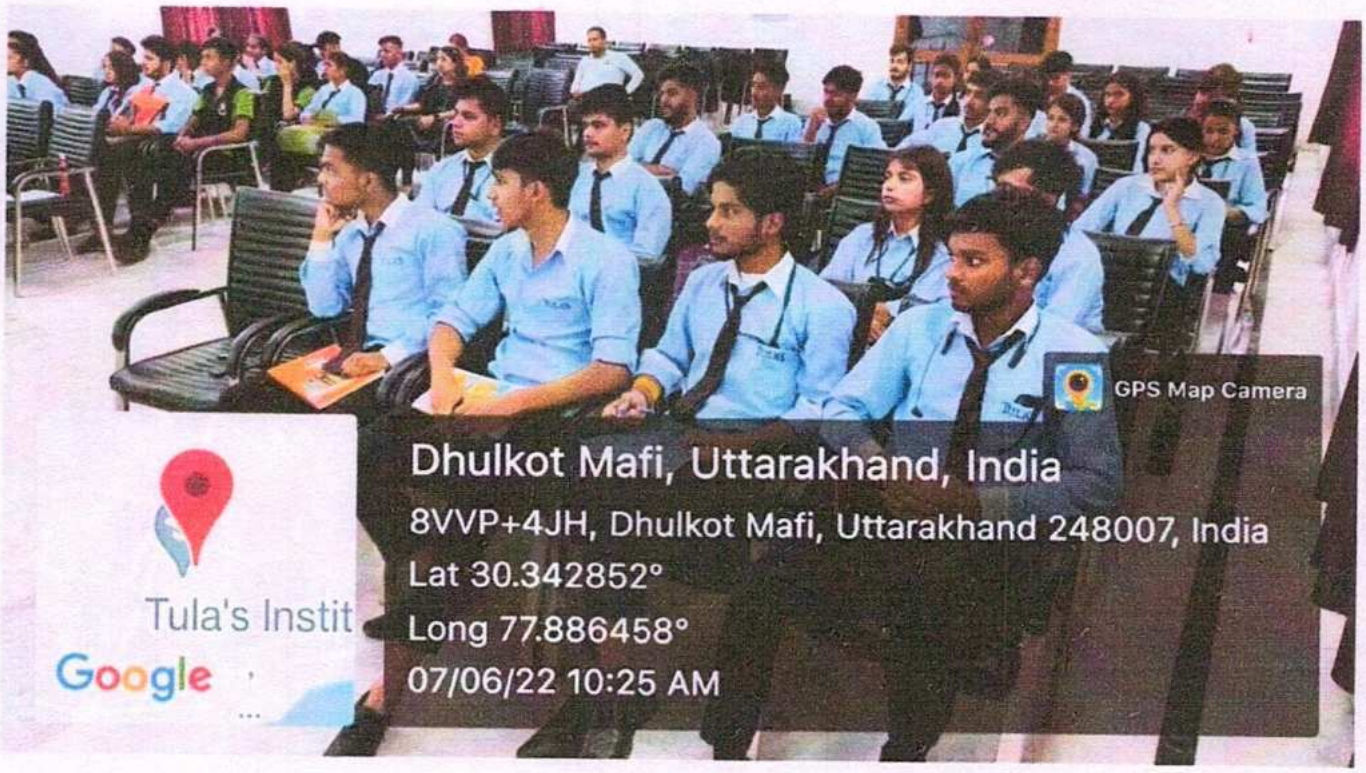
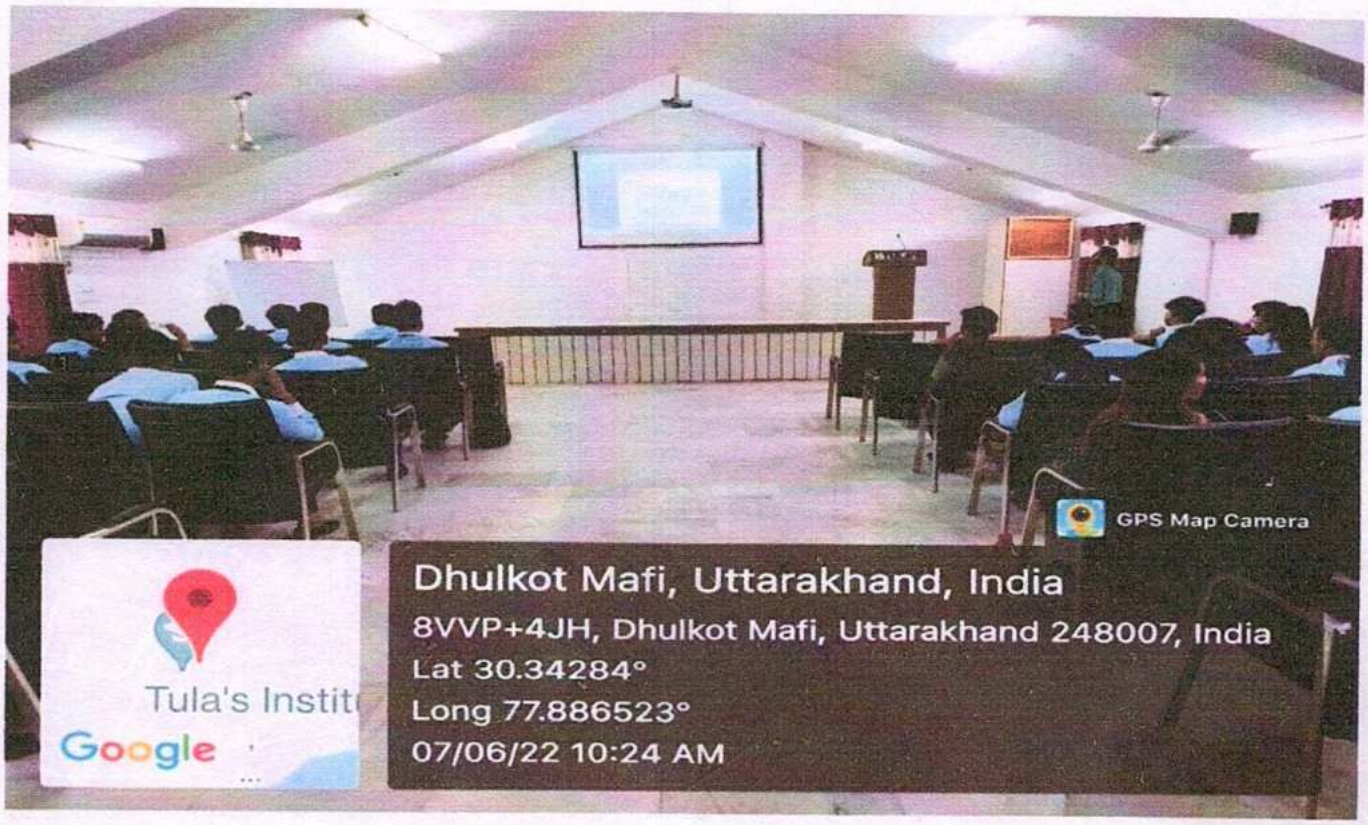
SHORT TERM COURSE ON TALLY & STOCK MARKETS PHOTOGRAPHS



Tally & Stock Markets Lab Photographs



Tally & Stock Markets Lab Photographs

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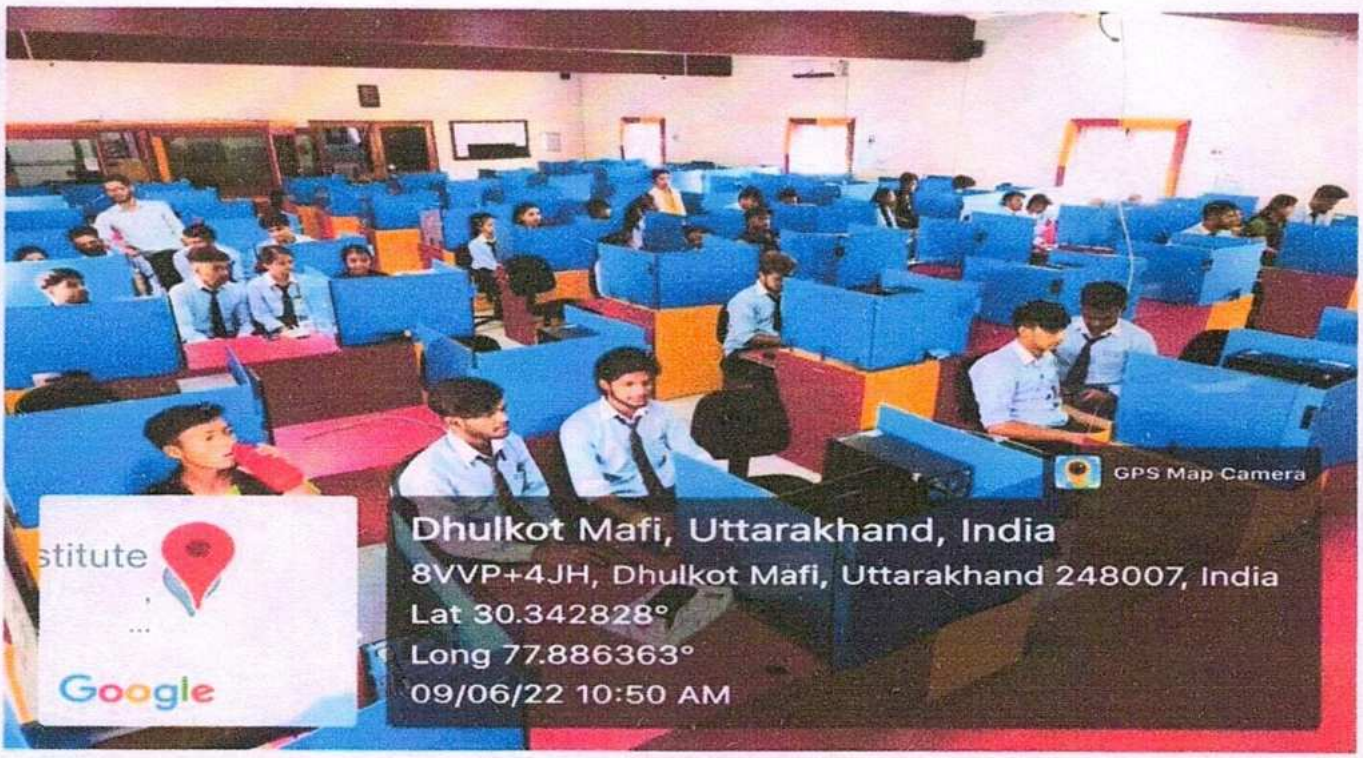
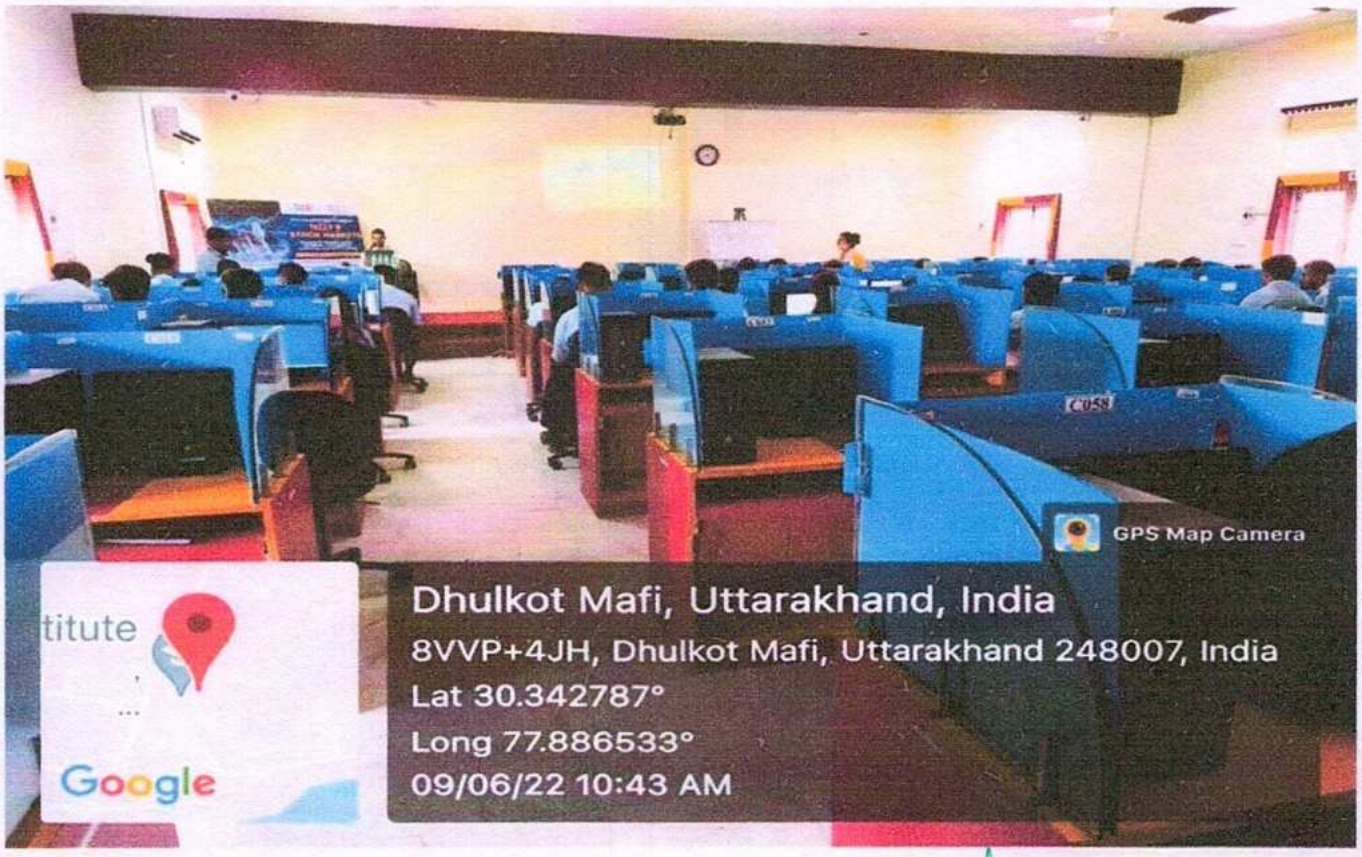


Tally & Stock Markets Lab Photographs



Tally & Stock Markets Lab Photographs

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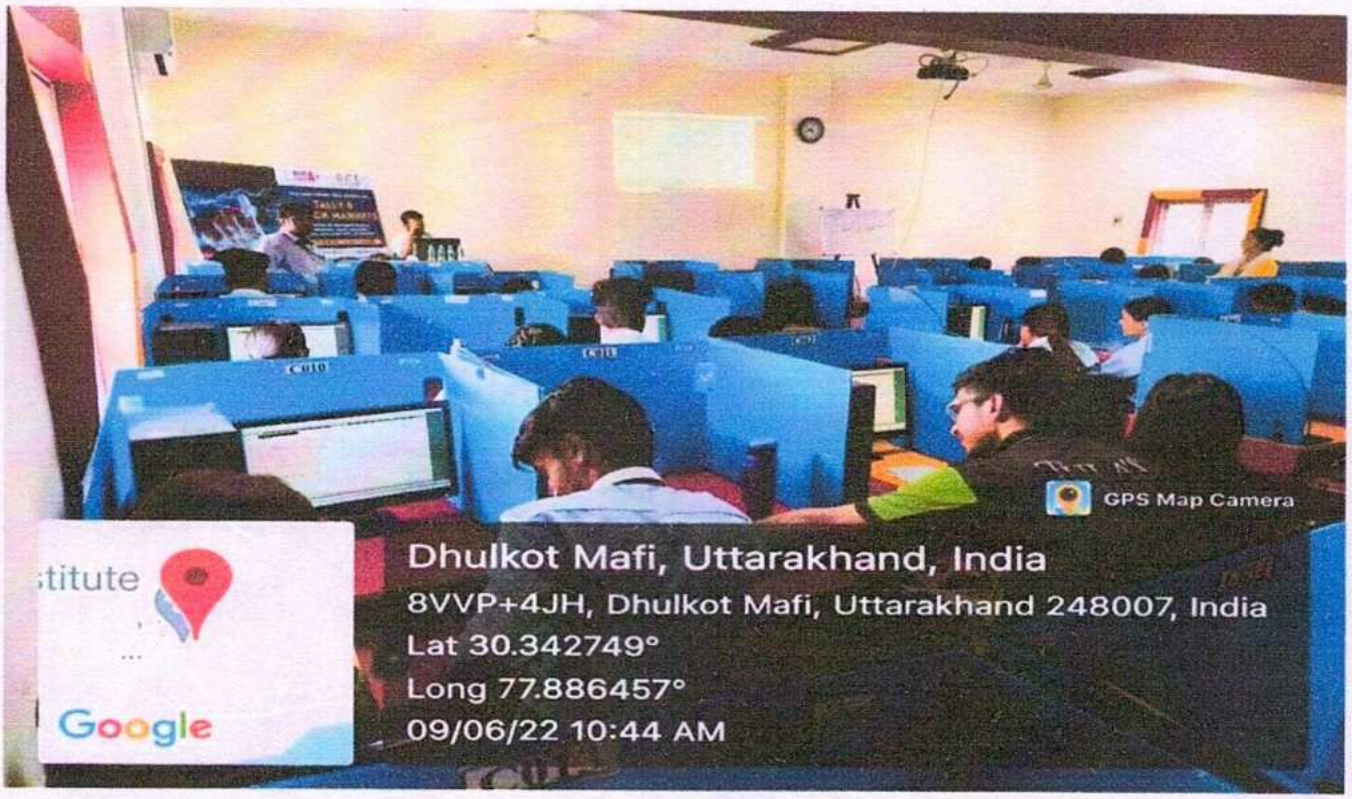

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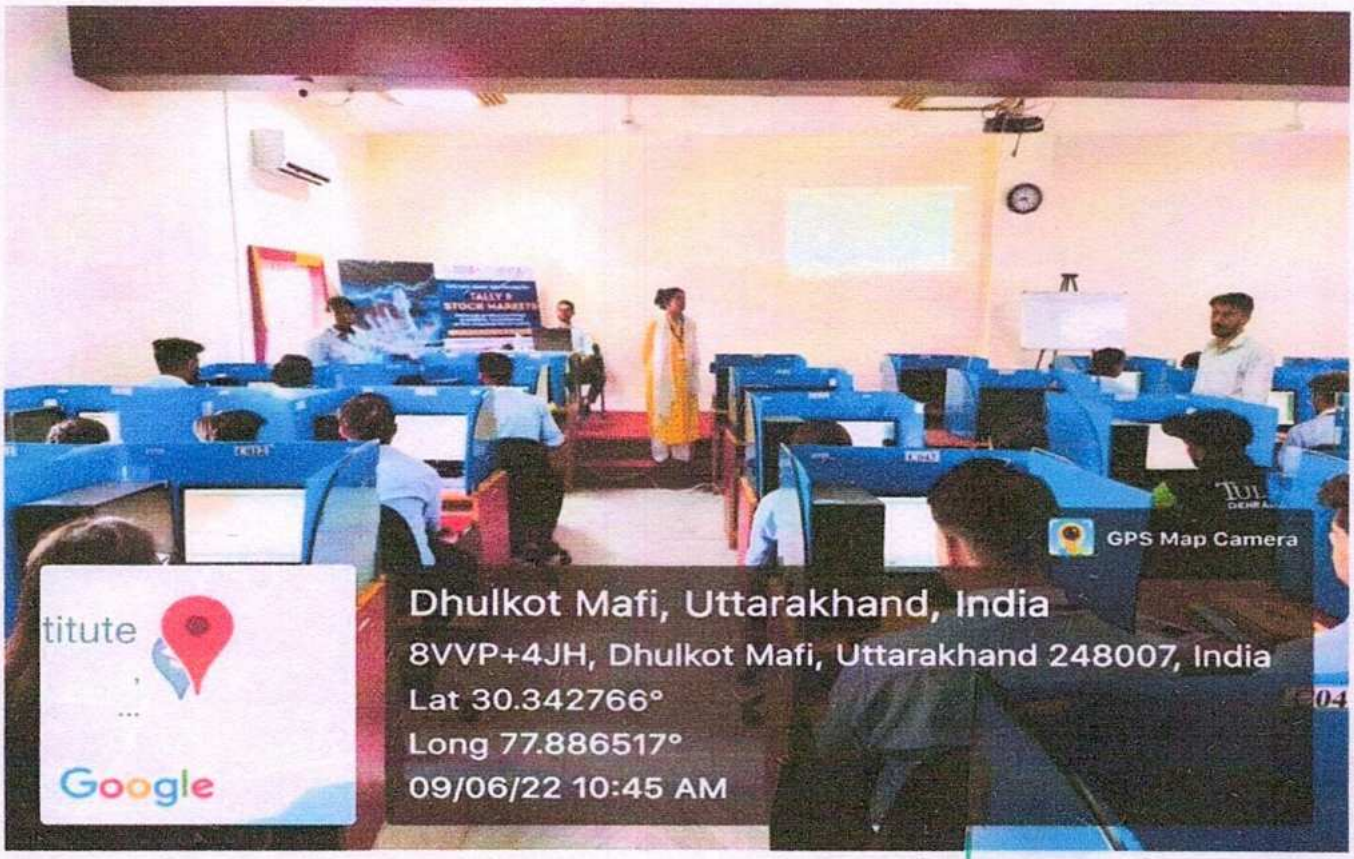

Tally & Stock Markets Lab Photographs

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Tally & Stock Markets Lab Photographs

Tally & Stock Markets Group Photographs

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E & ICT Academy, IIT Kanpur

(A joint initiative of Meity & IIT Kanpur)

Certificate

This is to certify that

Dr. / Mr. / Ms. **Kavita Bisht** of

Tula's Institute, Dehradun

has completed the **Student Development Program** on

Tally & Stock Market

from 07-06-2022 to 11-06-2022

Prof B. V. Phani

Prof Amey Karkare

Chief Investigator E & ICT Academy, IIT Kanpur

Date of Issue: 31-07-2022

System Identification No.: 448-7115

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Annexure-IX

Short Term Course on "Fabrication of Voice -Controlled Robot"

Event: 5-day short-term course on "Fabrication of Voice-Controlled Robot"

Date: 05/April/2022 to 09/April/2022

Organized by: Research & Development Cell

Objective: The main objective of this short-term course

- To educate participants about the principles, techniques, and applications of voice-controlled robotics.
- To provide hands-on experience and theoretical knowledge
- To understand the intersection of voice recognition technology and robotics.

Introduction: The 5-day short-term course on Voice Control & Robotics was designed to introduce students to the fascinating world of voice-controlled robotics technology. The course aimed to provide participants with a hands-on learning experience and practical skills in developing voice-controlled robotic systems. It offered a unique opportunity for students to explore the integration of voice recognition and artificial intelligence in robotics applications.

Day 1: Introduction to Voice Control & Robotics The first day of the course began with an overview of voice control and its applications in robotics. Students learned about the evolution of voice recognition technology and its impact on modern robotics systems. The session highlighted the potential benefits and challenges of using voice control in various fields, from home automation to industrial automation.

Day 2: Basics of Natural Language Processing (NLP) Day 2 focused on the fundamentals of natural language processing (NLP). Students were introduced to NLP techniques used in voice recognition, including speech-to-text

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conversion, language understanding, and sentiment analysis. They also gained hands-on experience with popular NLP tools and libraries.

Day 3: Voice Control System Development On the third day, participants dived into the practical aspects of building voice control systems for robotics. They were provided with step-by-step guidance on creating voice-controlled prototypes. Working in teams, students programmed robots to respond to voice commands and interact with their environment.

Day 4: Voice Control in Real-World Applications Day 4 explored real-world applications of voice control in robotics. Students were exposed to cutting-edge research and case studies in sectors such as healthcare, autonomous vehicles, and smart cities. The session also emphasized the importance of ethical considerations in the development and deployment of voice-controlled robots.

Day 5: Project Showcase and Conclusion The final day featured project presentations by the students. Each team demonstrated their voice-controlled robotic systems and shared their learning experiences. They showcased their robots' capabilities and discussed the challenges they encountered during the development process. The course concluded with a closing ceremony, where students received certificates of participation.

Outcomes and Impact: The 5-day short-term course on Voice Control & Robotics proved to be highly beneficial for the students. They gained practical knowledge and hands-on experience in voice recognition technology and its applications in robotics. The course sparked interest and enthusiasm among the participants, encouraging them to explore further research and innovation in this domain.

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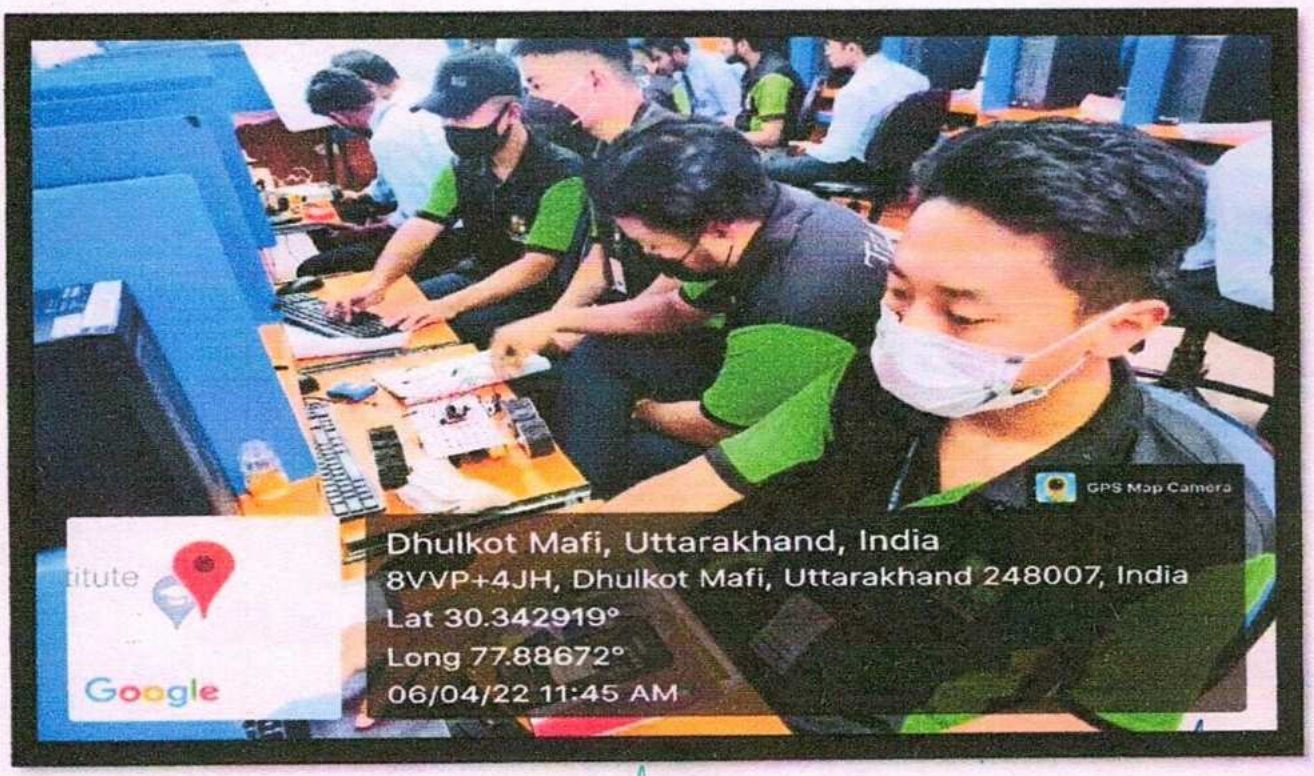
EVENT PHOTOGRAPHS



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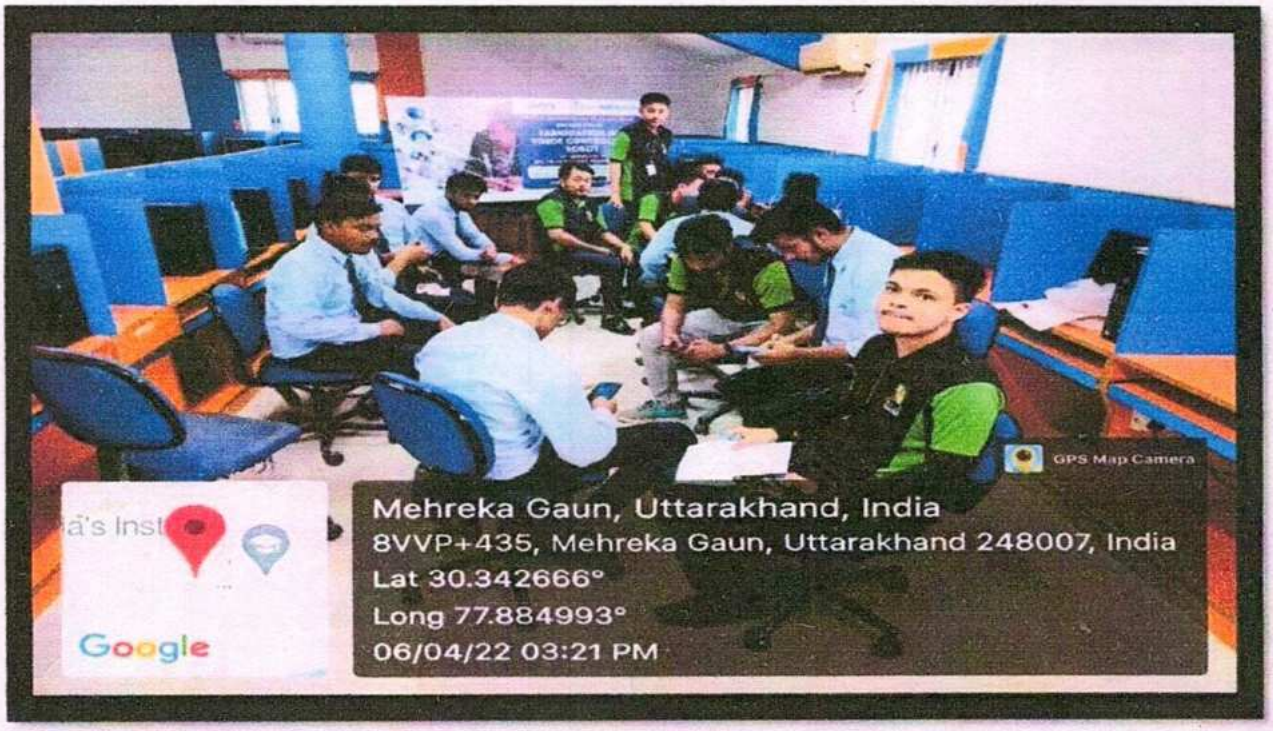

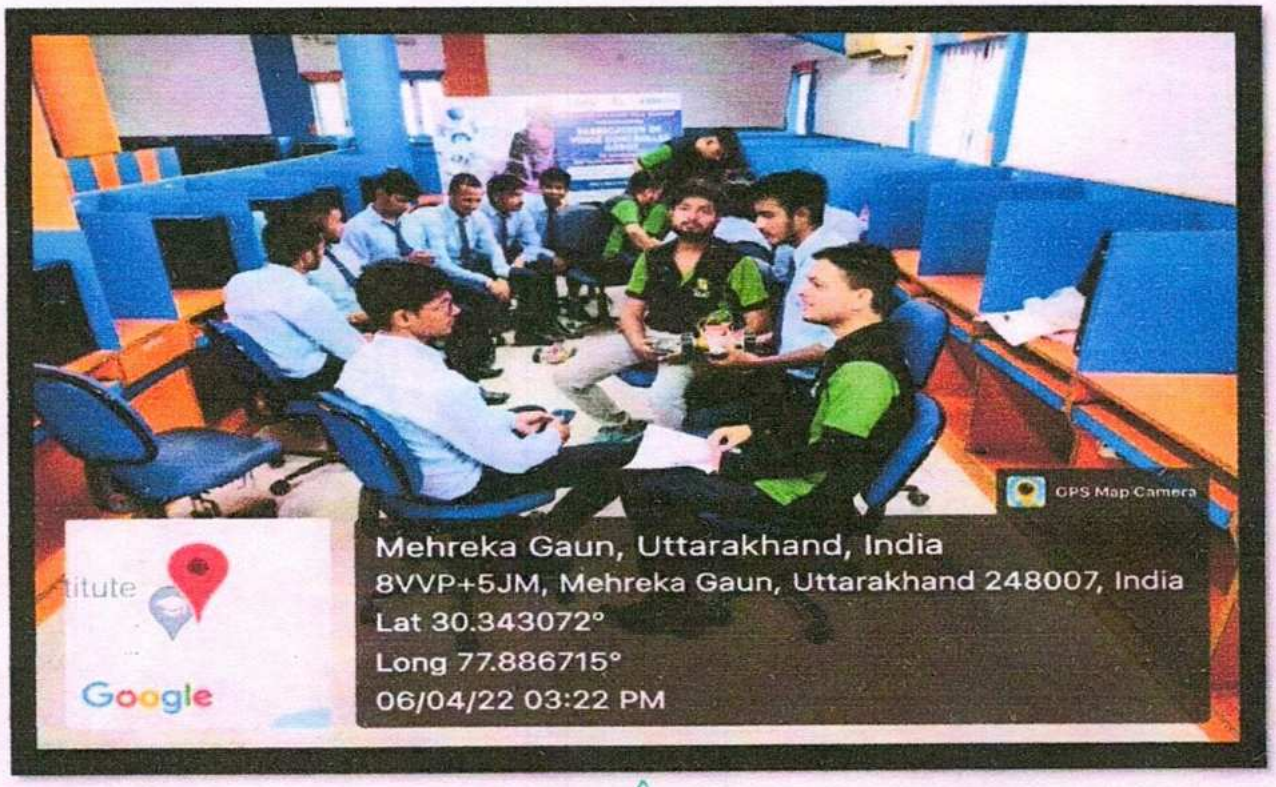

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Annexure - X

Short Term Course on "Introduction to Data Science and Analytics"

Tula's Institute
Graduate School of Business

Event: 5 days short term course on "Introduction to Data Science and Analytics" for MBA Students.

Date: 17/May/2022 to 21/May/2022

Organized by: Graduate School of Business

Objective: The main objective of short-term course is

- To gain insight about Data Science.
- To familiarize the students about the deep understanding of Data Science and make them proficient in data analysis. The main objective was to equip students in data management and extracting meaningful information and insights by applying various techniques and scientific methods on structured and unstructured data.

Summary: The Short-term course was organized by Graduate School of Business in collaboration with Brillica Services. MBA students participated in this workshop. Trainer started the session with the basic fundamentals of Data Science and introduced students to various mathematical and statistical tools used in data science and how to draw inference using data analytics. Students explored the world of data science and analytics and learned about its application in modern business world.

Outcomes:

- Students were introduced to the fundamentals of data science.
- Exploration of data management and data analysis.
- Student learns about the advance formulas for speedy data analysis.
- Students were introduced to various statistical and mathematical tools used for drawing inference through reports,
- Students learn to Create Smart Solution for your daily work.

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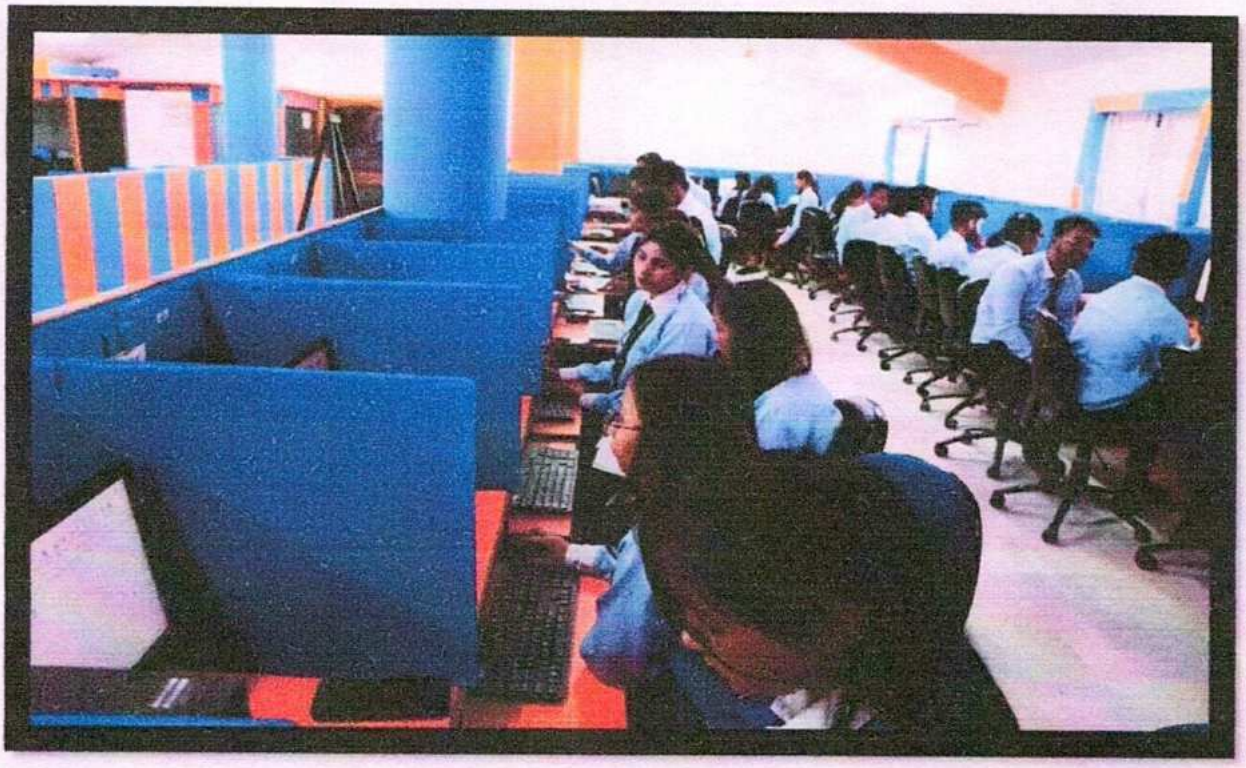
EVENT PHOTOGRAPHS



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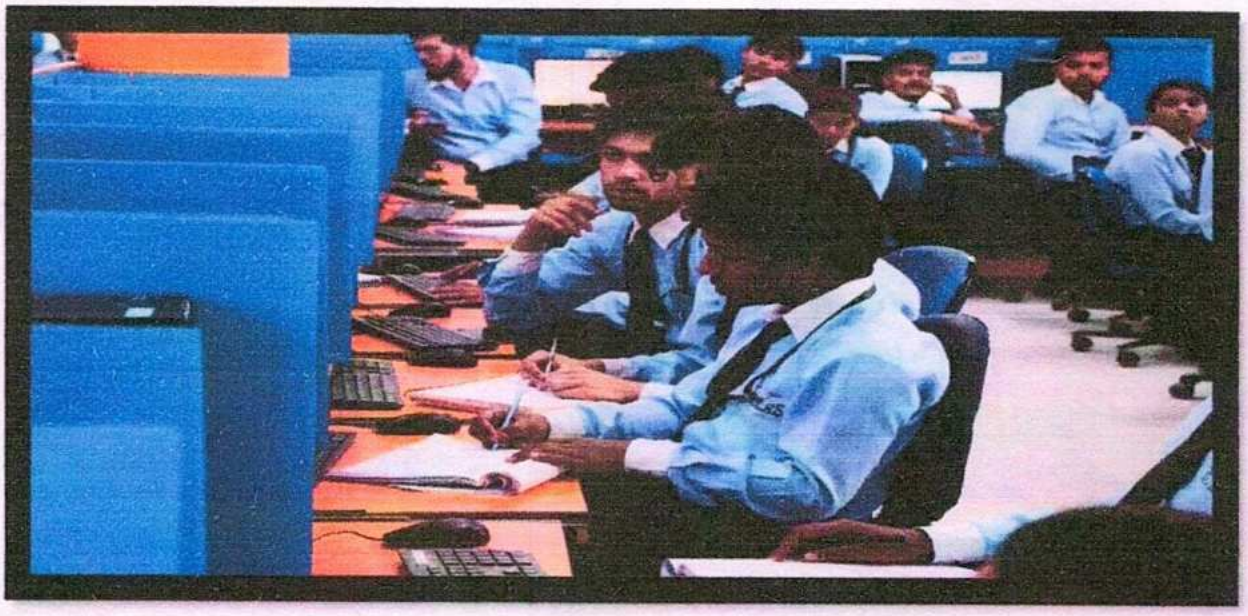

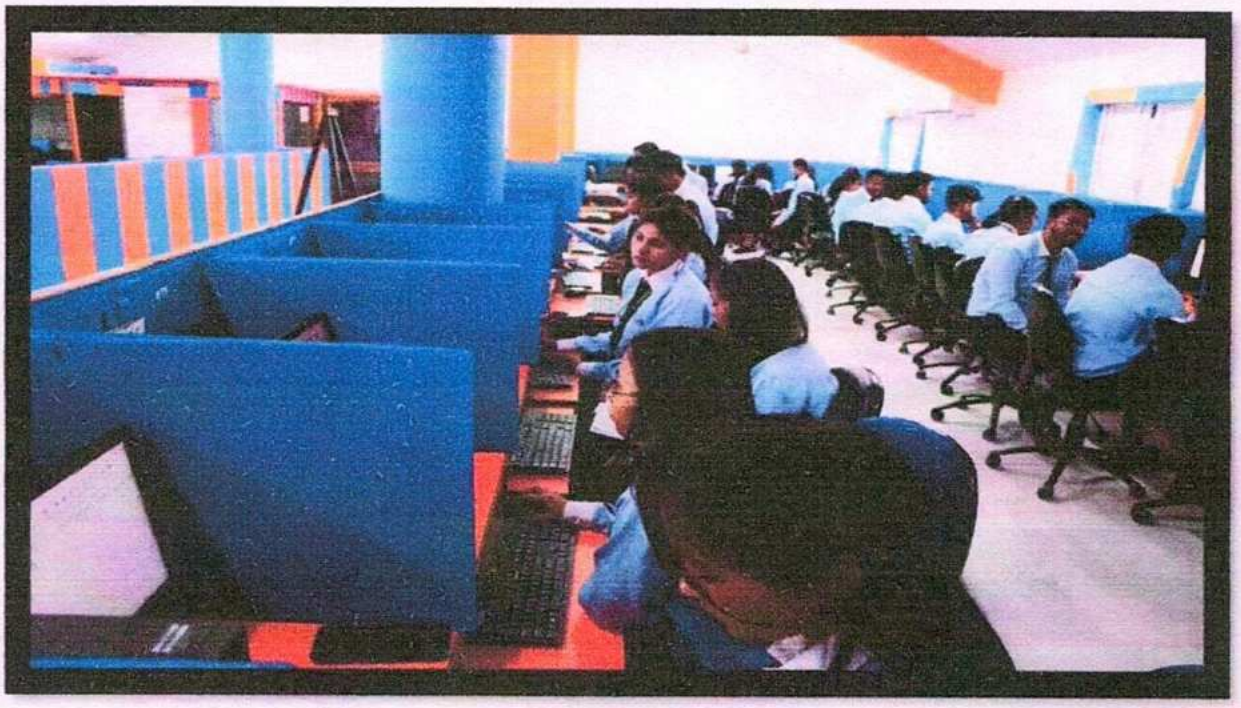

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Director
Tula's Institute, Dehradun

Date of Issue :- 21 May 2022
Certificate No.: BSPL02185317

Certificate of

Participation

BRILLICA
SERVICES

This Certificate accredits that

Manav Dapkara

has successfully completed ***30 Hours*** *Training*

on ***Introdcution to Data Science and Analytics***

From 17th May - 21 May 2022

Director
Tula's Institute, Dehradun

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Our Industry Associations

intel PARTNER ALLIANCE

IBM Registered Business Partner

Microsoft AEP Authorized Education Partner

Annexure -XI

SUMMARY REPORT

OF

6 DAYS ADD-ON CERTIFICATE

COURSE

ON

"STILL PHOTOGRAPHY

&

BASICS OF ADOBE PHOTOSHOP"

Event Summary

DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

Six Days add-on certificate course on Still Photography & Basics of Still Photography

Date: 14/05/2022

Objective:

1. Understanding different types of camera and techniques
2. Learning about different types of lenses and how they work
3. Importance of natural and artificial lighting
4. Gaining knowledge about photojournalism
5. Understanding the digital editing software's of photography

Summary:

The Department of Journalism and Mass Communication (Tula's Institute) in collaboration with "Seven Dot Film" conducted a Six Days Add-on Certificate course (09th May to 14th May 2022) on **"Still Photography & Basics of Adobe Photoshop".** The inaugural session started with a welcome speech from the Mr. Aditya Kumar (Assistant Professor), followed by a felicitation of the guests by Dr. Ranit Kishore (Dean of Management and Agriculture). The faculty coordinators for the session were Mr. Ankit Ghildiyal, Mr. Tauseef Iqbal, and Mr. Neeraj Kotiyal annd the experts for the session were Mr. Anurag Jakhmola (Chief Photographer, Seven Dots Films).

The entire session was focused on the various aspects of Still Photography, Editing techniques, Lightning techniques, Live Practical Exposure on different locations to our students.

Throughout this certification course program students got the privileges to learn about the techniques related to this field. The esteemed guests & team of Seven Dot Films motivated and

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taught students about the fundamental of still photography and the various important elements of photography. Expert speaker also taught students about the art of taking photos in different setups and different lighting. He also shows the different specifications of SLR/TLR/DSLR cameras with the diverse range of lenses and how their optics work followed by different elements, principles, composition, and perspective involved in framing an image. During the Add-on certification course students got the opportunity to understand the basics of lighting and how natural and artificial light and day and night light have an impact on the photo. Students also learned about the different types of studio and studio equipment, a brief introduction to journalism and media, understanding photo journalism ethics and values. The final day of certification course gives hand on exposure to take candid photos and to tell stories through photographs.

The 6th Day valedictory session was organized by the Department of Journalism and Mass Communication. In the valedictory session all certificates were distributed to students by the Director, Seven Dot Films. Students were very much excited about the skills and live exposure they received from the Department of Journalism and Mass Communication, Tula's Institute.

Outcomes: Outcomes: Students learned about the various techniques of still photography and adobe Photoshop. Students achieved following skills from course:

1- Students learned about the various stages of still photography.
2- Students learned about the various Lighting techniques
3- Students learned about the various indoor and outdoor shooting techniques and how to edit them with the use of adobe Photoshop software.

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Event Photograph

Event Photograph

Vision

- To emerge as an academic centre producing world class professionals promoting innovation and research.

Mission:

- To promote intellectual and skilled human capital generation employment and entrepreneurship.
- To be educational centre of excellence of multi ethnicity and diversity.
- To establish as technology driven teaching learning institution.
- To provide world class platform for research and innovation.
- To inculcate social, environmental, heritage values.

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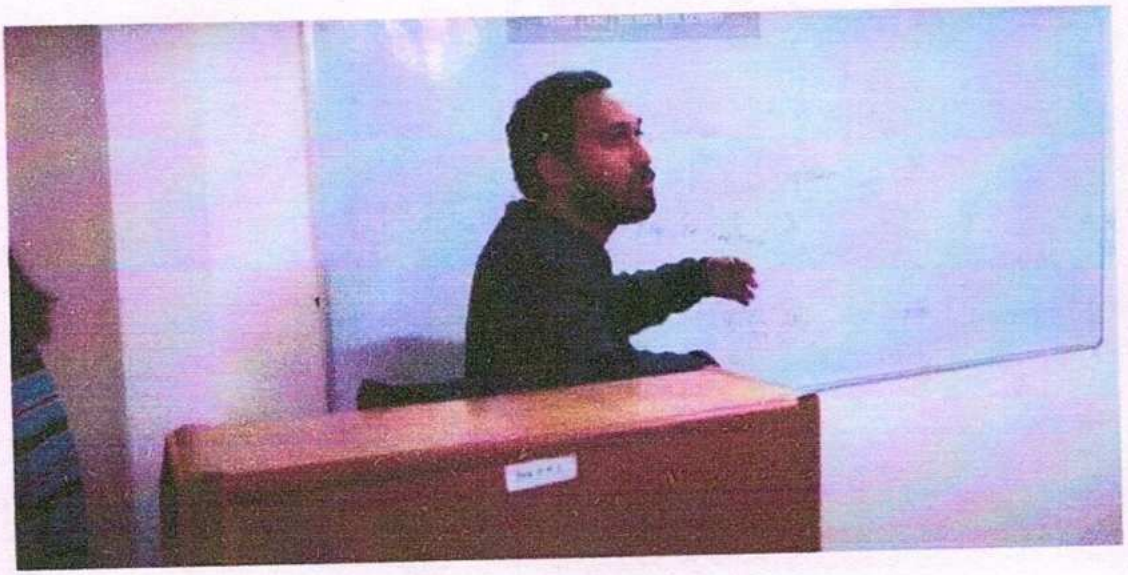
Director
Tula's Institute, Dehradun

Event Photograph



Event Photograph

Vision
- To emerge as an academic centre producing world class professionals promoting innovation and research.

Mission:
- To promote intellectual and skilled human capital generation employment and entrepreneurship.
- To be educational centre of excellence of multi ethnicity and diversity.
- To establish as technology driven teaching learning institution.
- To provide world class platform for research and innovation.
- To inculcate social, environmental, heritage values.

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SevenDOT FILMS

Certificate

OF COMPLETION

Proudly presented to

Mujtaba Shah Khan

of the Department of Journalism & Mass Communication, Tula's Institute Dehradun has successfully completed the ***6 Days Add-On-Certificate Course*** on

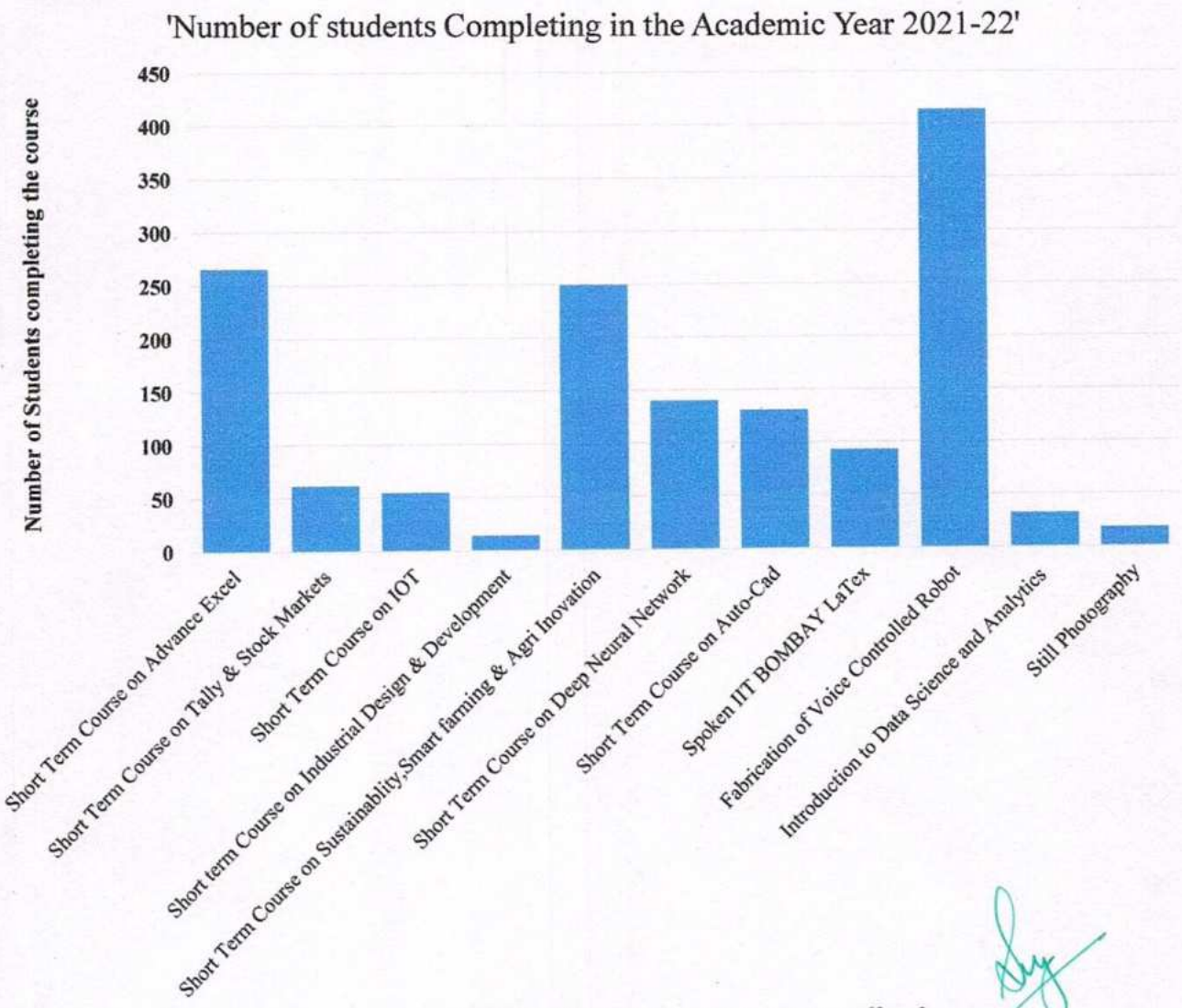
"Still Photography & Basics of Adobe Photoshop"

between 09 MAY 2022 - 14 MAY 2022.

Director
Tula's Institute, Dehradun

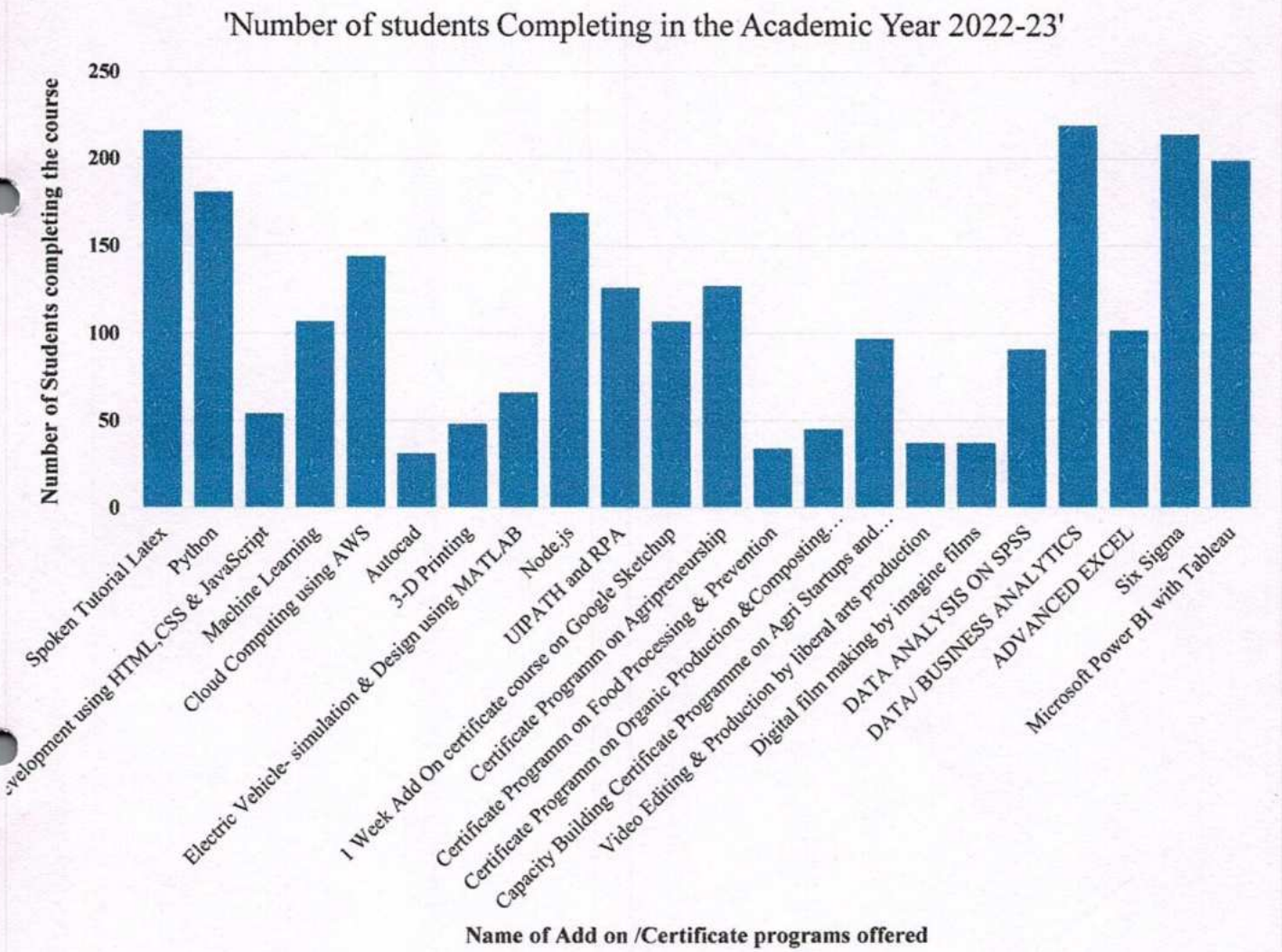
Anurag Jakhmola
Chief Photographer
Seven Dot Films

Number of students Completing Add-On Courses in the Academic Year 2021-22



Director
Tula's Institute, Dehradun

Number of students Completing Add-On Courses in the Academic Year 2022-23



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